



# **INDIAN INSTITUTE OF MANAGEMENT, RAIPUR**

**Name of work: Development of Phase 1 Campus including Buildings for IIM Raipur at  
Naya Raipur SH: SITC of Kitchen Equipment for Dining Block and Cafeteria (2<sup>ND</sup> CALL)**

**NIT No:3/P-1 Campus/IIMR/2017-18/2<sup>ND</sup> CALL**

# **TENDER DOCUMENT**

# PERCENTAGE RATE /ITEM RATE TENDER & CONTRACT

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**Indian Institute of Management, Raipur**

GEC Campus, Sejbahar, Raipur 492 015

**NOTICE INVITING TENDER**NIT No :3/P-1 Campus/IIMR/2017-18/2<sup>ND</sup> CALL

Dated: 25-05-2018

Last date and time for submission of tenders: 18-06-2018 upto 15:00 Hours

- Online Item Rate Tenders are invited in the prescribed tender documents by the Director, Indian Institute of Management, Raipur Chhattisgarh from eligible bidders, who fulfill the eligibility criteria.
- The details of Notice Inviting Tender is as under:-

Name of work	Development of Phase 1 Campus including Buildings for IIM Raipur at Naya Raipur SH: SITC of Kitchen Equipment for Dining Block and Cafeteria (2 <sup>ND</sup> CALL)
Estimated Cost	₹ 42,58,531
Earnest Money Deposit (EMD)	₹ 90,000
Time allowed for completion of work	3 months
Cost of Tender( i/c all taxes)	₹ 1,500
Non-refundable Tender Processing Fee (i/c of all taxes)	₹ 5,025
Tender to be uploaded on website to enable download	25-05-2018
Last Date of submission of prebid queries	04-06-2018 upto 16:00 Hours
Date and time of Prebid meeting	07-06-2018 at 10:00 Hours
Place for Prebid meeting	Board Room, IIM Raipur, GEC Campus, Sejbahar. Raipur 492 015
Prebid Clarification/ amendments	Shall be made available on the website
Last Date and time of submission of Tender Cost, EMD Amount and letter of tender submission in original	18-06-2018 upto 15:00 Hours
Address for submission of Tender Cost, EMD Amount and letter of tender submission all in original	CAO, IIM Raipur, GEC Campus, Sejbahar, Raipur 492 015
Last Date and time of submission of Tender	18-06-2018 upto 15:00 Hours
Date and time of opening of Tender	18-06-2018 at 15:30 Hours

- Minimum eligibility Criteria** -To be eligible for the bidding, the intending tenderer shall meet the following mandatory criteria as mentioned hereunder:

Signature of Contractor

1

Signature of Employer

3.1	<p><b>Work Experience:</b> - The Bidder Should have satisfactorily completed following works during the last Seven years ending previous day of last date of submission of tenders. For this purpose, cost of work shall mean gross value the completed work including cost of material supplied by the Government/Client but excluding those supplied free of cost. This should be certified by an officer not below the rank of Executive Engineer/Project Manager or equivalent.</p> <p>(a) Three Similar works costing not less than ₹ 8,52,000 each. OR</p> <p>(b) Two Similar works costing not less than ₹ 12,78,000 each. OR</p> <p>(c) One Similar work costing not less than ₹ 17,04,000</p> <p>Similar work means: Supply and installation of Kitchen Equipments</p> <p>The value of executed works shall be brought to current costing level by enhancing the actual value of work at simple rate of 7 % per annum; calculated from the date of completion to last date of receipt of tenders.</p>
AND	
3.2	<p><b>The tenderer shall have to furnish an affidavit as under:</b></p> <p>"I/We undertake and confirm that eligible similar work(s) has /have not been got executed through another contractor on back to back basis. Further that, if such a violation comes to the notice of IIM Raipur, then I/We shall be debarred for tendering in IIM Raipur contracts in future forever. Also, if such a violation comes to the notice of IIM Raipur before the date of start of work, the Engineer-in-Charge shall be free to forfeit the entire amount of Earnest Money Deposit/Performance Guarantee".</p> <p>Note: The affidavit shall be submitted as a part of letter of submission given in the format attached.</p>
AND	
3.3	<p><b>Annual financial Turnover:</b> The bidder should have an average annual financial turnover of ₹ 43,00,000 during the last three consecutive balance sheets duly audited by Chartered Accountant. Year in which no turnover is shown would also be considered for working out the average.</p>
AND	
3.4	<p><b>Loss making entity:</b></p> <p>The bidder should not have incurred any loss in more than two years during available last five consecutive balance sheets, duly certified and audited by the Chartered Accountant.</p>
AND	

- 3.5.1 Application from joint ventures and consortium shall not be accepted.
- 3.5.2 All tenderers should submit the valid GST registration certificate applicable for Chhattisgarh. Those not having GST registration for Chhattisgarh shall give an undertaking to have the GST registration before award of work, else bid shall be considered non-responsive.
- 3.5.3 The tenderers shall also submit satisfactory completion certificates in support of each quoted experience along with work order. The satisfactory completion certificate should be signed by an officer not below the rank of Executive Engineer concerned in case of Government department or the rank of Project Manager in case of public sector / private organizations.
- 3.5.4 In case kitchen equipment work executed in a composite work, (i.e in addition to kitchen equipment there are many other subheads in the tender) the gross value of

- 
- work executed against kitchen equipment, shall be clearly specified in the completion certificate.
- 3.5.5 Whether any work is of similar nature or not decision of IIM Raipur shall be final and binding.
- 3.5.6 The intending tenderers are advised to send their queries to IIM Raipur by email to [chairman-tender@iimraipur.ac.in](mailto:chairman-tender@iimraipur.ac.in) and [pmc\\_nrda@iimraipur.ac.in](mailto:pmc_nrda@iimraipur.ac.in) upto the date mentioned in the Para 2 as above.
- 3.5.7 Clarification/ amendments, if any shall be uploaded on website only.
4. Even though any bidder may satisfy the above requirements, he would be liable to disqualification if he has:
- (a) made misleading or false representation or deliberately suppressed the information in the forms, statements and enclosures required in the eligibility criteria document,
  - (b) Record of poor performance such as abandoning work, not properly completing the contract, or financial failures / weaknesses etc.
5. Following documents are required to be submitted for evaluation of eligibility :
- 5.1 Financial information: Bidder should furnish the Annual financial statement for the last five year in (Form "A")
- 5.2 Particulars of work experience certificate of completed works duly authenticated/certified by an officer not below the rank of Executive Engineer or equivalent should be furnished separately for each work in (Form "E").
6. The bidder should submit the letter of submission of tender in the form of an affidavit on a non-judicial stamp paper worth Rs. 100 in the form "P".
7. The lowest bidder shall be considered for award of work, however the decision of IIM Raipur in the matter shall be final and binding.
- 7.1 The employer reserves the right, without being liable for any damages or obligation to inform the bidder, to
- a. amend the scope and value of contract to the bidder.
  - b. reject any or all the applications without assigning any reason.
- 7.2 Any effort on the part of the bidder or his agent to exercise influence or to pressurise the employer would result in rejection of his bid. Canvassing of any kind is prohibited.
8. The tender document for the above work is available on websites: [www.iimraipur.ac.in](http://www.iimraipur.ac.in) , [www.eprocure.gov.in](http://www.eprocure.gov.in) and [www.tenderwizard.com/IIMRAIPUR](http://www.tenderwizard.com/IIMRAIPUR). However Online tender can be submitted only on the website [www.tenderwizard.com/IIMRAIPUR](http://www.tenderwizard.com/IIMRAIPUR).

## NOTICE INVITING TENDER

9. Three envelope tender procedures shall be followed as under:

<b>ENVELOPE-1</b>	Original EMD, Cost of tender, Online receipt for payment of Tender Processing Fee and letter of submission of tender i.e. Form-P in the prescribed format shall be submitted to the address at para 2 above
	Scanned copy of EMD, Cost of tender and letter of submission of tender i.e. Form-P in the prescribed format shall be uploaded on the e-tender portal
<b>ENVELOPE-2</b>	Technical Tender consisting of eligibility documents along with supporting documents etc as under shall be uploaded on the e-tender portal: Financial information: Form A Work experience certificate of the works to be considered for eligibility: Form E Letter of submission of Tender: Form P GST Registration
<b>ENVELOPE-3</b>	Duly rate filled Financial Tender (i.e. Schedule of Quantities) shall be uploaded on e-tender portal

Initially, on the date and time of opening of tender, envelope -1 having Original EMD, Cost of tender, Online receipt for payment of Tender Processing Fee and letter of submission of tender i.e. Form-P in the prescribed format shall be opened, if found responsive then the online envelope 1 and envelope-2 (Technical tender) shall be opened.

After eligibility evaluation, date and time of opening of financial bid shall be communicated by IIM Raipur to the successful tenderer. The financial bid of only those tenderers will be opened who are found qualified as per the eligibility criteria as per clause No. 3 above. The tender shall be opened in presence of the prequalified tenderer who wish to be present. The Contract shall be awarded to the tenderer whose tender has been determined to be the lowest evaluated as per tender conditions.

10. Earnest Money Deposit (EMD) and Cost of tender shall be as under:

- Earnest money amounting to ₹ 90,000 shall be payable in favour of “Director, IIM Raipur”, and shall be in the form of a Bank Draft payable at Raipur, drawn from a nationalized bank/ Scheduled Bank.
- Cost of tender amounting to ₹ 1,500 shall be payable in favour of “Director, IIM Raipur”, and shall be in the form of a Bank Draft payable at Raipur drawn from a nationalized bank/ Scheduled.
- Bidders possessing enlistment certificate from NSIC are not required to submit any Bank Draft towards EMD and Cost of Tender.

- Envelope 1 shall be submitted at the address mentioned in para 2 above on or before due date and time. Envelope 1 received after the due date and time for tender submission (Late tenders) will not be accepted, however, if inadvertently accepted, will not be opened and shall be rejected and returned back to the tenderer subsequently.
- IIM Raipur reserves full right to reject any or all the tenders without assigning any reason, and to seek any further information from the tenderers. The selection shall be at the entire discretion of IIM Raipur and the IIM Raipur's decision in this respect shall be final and binding. Further IIM Raipur reserves right to split the contract in two or more than two parts. This shall be an entire discretion of IIM Raipur and IIM Raipur decision in this matter shall be final and without appeal.

- 13(a) Tenders shall be valid for 90 Days from the last date of submission of the tender. IIM Raipur will not be responsible for any costs or expenses incurred by Tenderers in connection with the preparation or delivery of Tenders. If any tenderer withdraws his tender before the said period or issue of letter of acceptance/intent, whichever is earlier, or makes any modifications in the terms and conditions of the tender which are not acceptable to the IIM Raipur, then the IIM Raipur shall, without prejudice to any other right or remedy, be at liberty to forfeit entire amount of Earnest Money as aforesaid.
- (b) Any bidder, who has withdrawn his proposal or have been disqualified on the basis of the above clause, shall not be eligible to submit the tender in the recall of such tender. Subletting of the contract or Joint Venture in any case shall not be allowed. In case subletting is done or proved during the contract, the work shall be closed at the stage as it is and the SD / Retention money/any other deposits available with department shall be forfeited.
14. Period for completion of work as mentioned above at Para 2 is inclusive of rainy season, if any.
15. Tenderers are advised to inspect and examine the site and its surroundings and satisfy themselves before submitting their tenders, as to the nature of the ground and sub-soil (so far as is practicable), the form and nature of the site, the means of access to the site, the accommodation they may require and in general, shall themselves at their own cost obtain all necessary information as to risks, contingencies and other circumstances which may influence or affect the execution of work and shall incorporate the cost of such effects while quoting the tender. Tenderer shall be deemed to have full knowledge of the site whether he inspects it or not and no extra charges consequent on any misunderstanding or otherwise shall be allowed. The tenderer shall be responsible for arranging and maintaining at his own cost all materials tools & plants, water, electricity, access facilities for workers and on all other services required for executing the work unless otherwise specifically provided in the contract documents. Submission of tender by a tenderer implies that he has read this notice and all other contract documents and has made himself aware of the scope and specifications of the work to be done and local conditions and other factors having a bearing on the execution of the work.
16. Canvassing whether directly or indirectly, in connection with tenders is strictly prohibited and the tenders submitted by the contractors who resort to canvassing will be liable to rejection.
17. The successful tenderer shall be required to execute an agreement on a non-judicial stamp paper of appropriate value with the IIM Raipur, in the Proforma annexed to the tender document, within 10 Days of the issue of letter of acceptance/ award by the IIM Raipur. The cost of non-judicial stamp paper shall be borne by contractor. In the event of failure on the part of the successful tender to sign the agreement within 10 Days, the entire earnest money will be forfeited and tender shall be cancelled.
18. The letter of acceptance/ award shall be issued in favour of the successful tenderer/ contractor. The contract shall be deemed to have come into effect on issue of communication of letter of acceptance of the tender. On such communication of acceptance, the successful Tenderer/ Contractor shall, within 10 Days from such date, formally sign the agreement consisting of
- a) Tender documents as uploaded on the website, Addendum if any, Corrigendum if any, financial bid, acceptance of tender thereof together with any correspondence leading thereto.
  - b) Agreement signed on non-judicial stamp paper of appropriate value as per prescribed proforma of tender documents.
19. While submitting the tender the contractor shall clearly and legibly write his full mailing address including PIN code, Telephone/ mobile no./ Fax Numbers/ e-mail address etc for communication purposes and shall inform the Engineer in Charge about any change from time to time in his postal/ mailing address. The communication shall be dispatched only at the

## NOTICE INVITING TENDER

- contractor's such latest informed address and IIM Raipur shall in no way be responsible for non-receipt of correspondence by the contractor.
20. The successful tenderer, upon issue of letter of acceptance, in addition to execution of an agreement on a non-judicial stamp paper of appropriate value, shall also be required to furnish an irrevocable Performance Bank Guarantee of requisite amount to the IIM Raipur in the Performance annexed to the tender document, within 7 Days of the issue of the letter of acceptance /award of Tender by the IIM Raipur. In the event of failure on the part of the successful tenderer to furnish the Performance Bank Guarantee within 7 Days, the earnest money will be forfeited and tender shall be cancelled.
  21. If it is found that the contractor has misrepresented the facts or has attempted to secure or has secured the work by misrepresenting the facts or by submitting false or forged documents then the entire Earnest Money submitted by the contractor and or the Performance Guarantee and/ or the Security Deposit as the case may be, shall be liable to be absolutely forfeited and such contractor/ individuals shall also be liable to be prosecuted for cheating/ forgery/ fraud etc as per law.
  22. The tender document shall be written legibly and free from erasure, over writing or conversion of figure. Any correction where unavoidable shall be made by crossing out, rewriting and attestation by the tenderer.
  23. The rates quoted by the bidder in respect of individual item shall be deemed to have included all royalties, tolls, duties, local and other levies, taxes including GST, insurances, EPF, ESI etc. EPF & ESI on the part of Employer shall be borne by the contractor and nothing shall be reimbursed on this account by IIM Raipur. IIM Raipur shall not be responsible for payment of any applicable tax including GST over and above quoted rates.
  24. Contractor will be bound to follow Model rules relating to its water supply & sanitation in labour camp.
  25. The contractor shall pay not less than the minimum wages to labours engaged by him on the work.
  26. Department reserves the right to take up the work departmentally or to award any work on contract in the vicinity without prejudice to the terms of contract.
  27. If the rate quoted by the lowest (L1) tenderer is considered unbalanced (in relation to the Department's estimate of cost of work to be performed under the contract) by the Director, IIM Raipur, then tenderer shall submit detail price/rate analysis of major items of the work within 7 days of such notice so as to demonstrate the internal consistency of these price/rate(s) with his quoted price/rate(s). After evaluation by tender sanctioning authority Director, IIM Raipur may require the tenderer to submit additional Security upto 5% of the estimated cost put to tender for the performance of the agreement in the shape of F.D. or BG in favour of the Director, IIM Raipur before signing of the agreement, which shall be refunded along with the normal Performance Guarantee. After Completion of work. If he fails to complete the work or leave the work incomplete, this 5% additional Performance Guarantee, shall also be forfeited by the department, in addition to other provision of the contract & the agreement shall be terminated and action shall be taken in accordance of relevant contract clause of the agreement.

Director, IIM Raipur  
GEC Campus, Sejbahar  
Raipur 492 015



# NOTICE INVITING TENDER

## INFORMATION AND INSTRUCTIONS FOR BIDDERS FOR e-TENDERING

1. The Director, IIM Raipur, GEC Campus, Sejbahar , Raipur 492 015 invites on line item Rate Tenders from approved and eligible contractors for the following work:-

1	2	3	4	5	6	7	8	9	10
Sl. No.	NIT No.	Name of work & location	Estimated cost put to tender	Earnest money	Period of completion	Last date & Time of submission of bid	Period during which EMD, Cost of Bid Document, & Letter of submission of tender shall be submitted in original	Time & date of opening of eligibility Envelope	Time & date of opening of financial Bid
1	3/P-1 Campus/IIMR/2017-18/2 <sup>ND</sup> CALL	Development of Phase 1 Campus including Buildings for IIM Raipur at Naya Raipur SH: SITC of Kitchen Equipment for Dining Block and Cafeteria (2 <sup>ND</sup> CALL)	₹ 42,58,531	₹ 90,000	3 months	18-06-2018 upto 15:00 Hours	18-06-2018 upto 15:00 Hours	18-06-2018 at 15:30 Hours	Will be intimated subsequently

- The intending bidder must read the terms and conditions of tender document carefully. He should only submit his bid if he considers himself eligible and he is in possession of all the supporting documents required.
- Information and Instructions for bidders for e-tendering posted on website shall form part of bid document.
- The bid document consisting of plans, specifications, the schedule of quantities of various types of items to be executed and the set of terms and conditions of the contract to be complied with and other necessary documents can be seen and downloaded from website [www.iimraipur.ac.in](http://www.iimraipur.ac.in) , [www.nayaraipur.gov.in](http://www.nayaraipur.gov.in), [www.eprocure.gov.in](http://www.eprocure.gov.in) and [www.tenderwizard.com/IIMRAIPUR](http://www.tenderwizard.com/IIMRAIPUR) free of cost.
- But the bid can only be submitted on [www.tenderwizard.com/IIMRAIPUR](http://www.tenderwizard.com/IIMRAIPUR) after depositing processing fee in favour of ITI Limited and uploading the mandatory scanned documents such as Demand Draft for Tender Cost and EMD.
- Those contractors not registered on the website mentioned above ( [www.tenderwizard.com/IIMRAIPUR](http://www.tenderwizard.com/IIMRAIPUR) ), are required to get registered beforehand. If needed they can be imparted training on online bidding process as per details available on the website.
- The intending bidder must have valid class-III digital signature to submit the bid.
- On opening date, the contractor can login and see the bid opening process. After opening of bids he will receive the competitor bid sheets.
- Contractor can upload documents in the form of JPG format, PDF format.
- Contractor must ensure to quote rate of each item. The column meant for quoting rate in figures appears in pink colour and the moment rate is entered, it turns sky blue.  
In addition to this, while selecting any of the cells a warning appears that if any cell is left blank the same shall be treated as "0".  
Therefore, if any cell is left blank and no rate is quoted by the bidder, rate of such item shall be treated as "0" (ZERO).  
However, if a tenderer quotes nil rates against each item in item, the tender shall be treated as invalid and will not be considered as lowest tenderer.

Signature of Contractor

Signature of Employer

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11. If the contractor is found ineligible after opening of bids or the bid become invalids, the cost of bid document and e-Tender Processing Fee shall not be refunded.
12. If any discrepancy is noticed between the documents as uploaded at the time of submission of bid and hard copies as submitted physically by the contractor the bid shall become invalid and cost of bid document and e-Tender Processing Fee shall not be refunded.

### List of Documents to be scanned and uploaded within the period of bid submission:

Sr. No.	List of forms	Form No..
1	Demand Draft towards EMD	
2	Demand Draft towards cost of Bid Document	
3	Financial information	Form A
4	Work experience certificate of works to be considered for eligibility	Form E
5	Letter of submission of Tender	Form P
6	GST Registration	

### **13.E-Tendering procedure:**

#### **Accessing/ Purchasing of Tender Documents**

- a- The complete Tender Document can be viewed / downloaded from the e-Tendering portal i.e. [www.tenderwizard.com/IIMRAIPUR](http://www.tenderwizard.com/IIMRAIPUR) free of cost or link on Tender section of IIM Raipur website i.e. [www.iimraipur.ac.in](http://www.iimraipur.ac.in) or Central Procurement Portal.
- b- A Vendor's Manual containing the detailed guidelines for e-Tendering system is also available on e-Tendering portal of IIM Raipur.
- c- It is mandatory for all the bidders to have class-III Digital Signature Certificate from any of the licensed Certifying Agency (Bidders can see the list of licensed Certifying Agencies from the link [www.cca.gov.in](http://www.cca.gov.in)) to participate in e-Tendering of IIM Raipur.
- d- It is mandatory for the bidders to get their firm/company registered with e-Tendering portal of IIM Raipur, i.e. [www.tenderwizard.com/IIMRAIPUR](http://www.tenderwizard.com/IIMRAIPUR) to have user ID & password by submitting a non-refundable annual registration charge of ₹ 2,360/- (inclusive of taxes, levies, etc.) which can be paid online using the e-payment gateway to ITI Limited on the portal address mentioned above. The registration so obtained by the prospective bidder shall be valid for one year from the date of its issue and shall be subsequently renewed.
- e- Tender documents will be available online on website [www.tenderwizard.com/IIMRAIPUR](http://www.tenderwizard.com/IIMRAIPUR) from 25-05-2018 which can be downloaded free of cost.
- f- In addition to this, Bidder shall submit a non-refundable fee of ₹ 5,025/- (Rs. Five Thousand And Twenty Five Only) inclusive of all taxes towards e-bid processing fee paid online using the e-payment gateway to ITI Limited on the portal address mentioned above.
- g- **Validity of Bidder's Registration on the e-Tendering portal of IIM Raipur**  
Bidders may note the following:
  - (i) It shall be the sole responsibility of the bidder(s) to keep the Registration valid up to the original/extended date of submission of bid.
  - (ii) Bids can be submitted only during the validity of their registration.
- h- IIM Raipur may issue addendum(s)/corrigendum(s) to the Tender documents. In such case, the addendum(s)/corrigendum(s) shall be issued and placed on website [www.tenderwizard.com/IIMRAIPUR](http://www.tenderwizard.com/IIMRAIPUR) at any

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time before the closing time of tender. The bidders who have downloaded the Tender documents from website must visit the website and ensure that such addendum(s)/corrigendum(s) (if any) is also downloaded by them. This shall be the responsibility of the prospective registered bidders to check the web site for any such corrigendum/addendum till the time of closing of tender and ensure that bid submitted by them are in accordance with all the corrigendum /addendums.

- i- **The Tender documents** shall be submitted **online** on or before 15:00 Hours Hrs on 18-06-2018 **in the prescribed format given on the websites and bids received online shall be** opened at 15:30 Hours Hrs on 18-06-2018. **No other mode of Bid submission is acceptable. Detailed credentials as per the requirement of eligibility criteria and all Tender papers are to be submitted online.**
- j- Bidders cannot submit the Tender after the due date and time of e-bid submission. Time being displayed on e-procurement portal of IIM Raipur ("Standard Time") shall be final and binding on the bidders. E-Bids are required to be submitted by bidders, only as per the Indian Standard Time (IST) and not the time as per their location/country.

### **MODIFICATION/SUBSTITUTION/WITHDRAWAL OF APPLICATIONS:**

In the event of modification/substitution/withdrawal of the Application, the bidder may modify, substitute or withdraw the documents of its Application after submission prior to the Application due date.

- k- For withdrawal of the documents of the Application, the bidder will have to click on withdrawal icon at Tender Wizard and can withdraw its Application. However it may be noted that once the bid has been withdrawn, bidder cannot participate again for the same e-tender. The bidder may modify or substitute the Bid documents of the Application after submission, provided that the bidder update the old documents submitted in the electronic form from the Tender Wizard and also upload the modified or substituted documents.

**NOTE:** Do not withdraw your bid in case of any modification/substitution of application. Withdrawal will not allow further participation / modification / substitution of applications.

- l- The bidders are advised to submit their e-bids well before the e-bid due date. IIM Raipur or Tenderwizard shall not be responsible for any delay in submission of e-bids for any reason whatsoever.
- m- The complete application shall be signed by the Authorized Signatory of the bidder & submitted "on-line" and Bid Sheets should be filled and submitted "online" only. The authorized signatory of the bidder must be in possession of Power of Attorney before submitting the digitally signed bid. Scanned copies of various documents can be prepared in different file format (PDF, JPEG). Bidders can upload a single file of size 5 MB only but they can upload multiple files.

e-Tendering Registration Queries	Registration Help Desk	011-49424365	twhelpdesk680@gmail.com
DSC Queries	Help Desk	011-49424365	twhelpdesk377@gmail.com
For e-Tendering Queries	Help Desk	011-49424365	twhelpdesk551@gmail.com
	Amrendra	8800378609	twhelpdesk614@gmail.com
	Mohan Soni	9926170388	twhelpdesk466@gmail.com

**Form –‘P’****AFFIDAVIT (on a 'Non-Judicial' stamp paper worth Rs.100/-)  
LETTER OF SUBMISSION OF TENDER****Date:** \_\_\_\_\_**To:**

Director, IIM Raipur  
GEC Campus, Sejbahar  
Raipur 492 015

*Ref NIT no:-3/P-1 Campus/IIMR/2017-18/2<sup>ND</sup> CALL*

Subject: Development of Phase 1 Campus including Buildings for IIM Raipur at Naya Raipur SH: SITC of Kitchen Equipment for Dining Block and Cafeteria (2<sup>ND</sup> CALL)

Dear Sir,

I/We, the undersigned, declare that:

- (a)** I/We have examined and have no reservations to the Tender Document, including Addendum if any, minutes of meeting, clarification to the queries etc.
- (b)** I/We offer to execute the subjected work in conformity with the Tender Documents and the addendums.
- (c)** I/We have satisfied ourselves as to the location of the site and working conditions, examined the requirements of IIM Raipur and have obtained all the information necessary for the successful and timely completion of the work.
- (d)** I/We have submitted the Earnest Money Deposit as specified in the tender document which will not bear any interest and shall be subjected to forfeiture on following defaults.
  - (i)** if we withdraw our Tender during the period of tender validity as specified in Notice Inviting Tender Para or
  - (ii)** if we fail to:
    - furnish a Performance Security in accordance with Notice Inviting Tender; or
    - sign the Contract in accordance with Notice Inviting Tender; or
    - Accept the correction of its Tender Price pursuant to Notice Inviting Tender.

- (iii) If we have given the false documents in support of qualification with the technical tender.
- (e) My/Our Tender shall be valid for a period of 90 Days from the date fixed for the tender submission deadline in accordance with the Tender Document, and it shall remain binding upon us and may be accepted at any time before the expiration of that period;
  - (f) If my/our Tender is accepted, we commit to submit a Performance Security for the amount as specified in the tender document for the due performance of the Contract and sign the agreement;
  - (g) My/our firm, its affiliates or subsidiaries, including any subcontractors or suppliers for any part of the Contract, has not been declared ineligible by IIM Raipur;
  - (h) I/We understand that this Tender, together with your written acceptance thereof included in your letter of acceptance, shall constitute a binding contract between us, until a formal Contract is prepared and executed;
  - (i) I/We understand that you are not bound to accept the lowest evaluated tender or any other tender that you may receive.
  - (j) I/We hereby pay the cost of Tender in the form of a demand draft on a nationalized bank/ Scheduled Bank (--- ----- Bank Name and address) and payable at Raipur in favour of the Director, IIM Raipur for the said amount and is attached.
  - (l) I/We hereby pay the Earnest Money Deposit of required amount in the form of a Bank Draft /Bank Guarantee issued by a nationalized bank/ Scheduled Bank (.....Bank Name and address of branch at Raipur) and Payable / operatable at Raipur in favour of the IIM Raipur for the said amount and is attached.
  - (m) I/We hereby declare that, the entire work including Addendum/ Corrigendum, if any, shall be completed in all respect within the time limit specified in the NIT.
  - (n) I/We here by authorize the Employer to get all bank guarantee verified and got confirmed from concerned Bank.
  - (o) I/we undertake and confirm that our firm/partnership firm has not been blacklisted by any state / central department /PSUs/ Autonomous bodies during the last 7 years of its operations. Further that, if such information comes to the Notice of IIM Raipur then I/we shall be debarred for bidding in IIM Raipur in future forever. Also, if such information comes to the notice of IIM Raipur on any day before date of start of work, the IIM Raipur shall be free to cancel the agreement and to forfeit the entire amount of Earnest Money Deposit/Performance Guarantee.
  - (p) I/We undertake and confirm that eligible similar work(s) has/have not been got executed through another contractor on back to back basis. Further that, if such a violation comes to the

## NOTICE INVITING TENDER

notice of IIM Raipur, then I/We shall be debarred from tendering in IIM Raipur in future forever. Also, if such a violation comes to the notice of IIM Raipur before date of start of work, the Engineer-in-Charge shall be free to cancel the agreement and to forfeit the entire amount of Earnest Money Deposit / Performance Guarantee.

- (q) I/We undertake and confirm that GST registration of Chhattisgarh uploaded on the website / will be submitted before award of work.

**Signature of bidder(s) with stamp**

**Designation: -----**

**Signature of Notary with seal**

**NOTE:1. Affidavit to be furnished on a 'Non-Judicial' stamp paper worth Rs.100/-**

**Form –‘A’****FINANCIAL INFORMATION****Name of the firm / contractor .....**

- I. Financial Analysis-Details to be furnished duly supported by figures in balance sheet / profit & loss account for the last 5 years duly certified and audited by the Chartered Accountants, as submitted by the applicant to the Income Tax Department (Copies to be attached).

Sl No.	Particulars	Financial Years) (All figures in lakh Rs.)				
		2012-13	2013-14	2014-15	2015-16	2016-17
(i)	Gross Annual Turn Over					
(ii)	Profit/ Loss					

**Signature of Chartered Accountant with Seal****SIGNATURE OF BIDDER(S)**

## Form 'E'

### PERFORMANCE REPORT OF WORKS

1	Name of work / Project & Location	
2	Name of Agency	
3	Agreement no.	
4	Estimated Cost	
5	Tendered Cost	
6	Total value of work done	
7	Date of Start	
8	Date of completion	
	i) Stipulated Date of Completion (as mentioned in work order)	
	ii) Actual Date of Completion	
9	i) Status of Compensation/ Penalty (Not Levied / Levied / Not Decided)	
	ii) Amount of compensation levied for delayed completion, if any	
10	Amount of reduced rate items, if any.	
10	Whether any litigation / arbitration case pending I in progress in respect of this work.	
11	Performance Report	
	1) Quality of Work	Very Good/Good/Fair/Poor
	2) Financial Soundness	Very Good/Good/Fair/Poor
	3) Technical Proficiency	Very Good/Good/Fair/Poor
	4) Resourcefulness	Very Good/Good/Fair/Poor
	5) General Behaviour	Very Good/Good/Fair/Poor

Dated.

Executive Engineer  
equivalent with stamp

Signature of Contractor

Signature of Contractor

Signature of Employer



## TENDER &amp; CONTRACT

## IIM RAIPUR

## Percentage Rate Tender/Item Rate Tender &amp; Contract for Works

- (A) Tender for the work of :-Development of Phase 1 Campus including Buildings for IIM Raipur at Naya Raipur SH: SITC of Kitchen Equipment for Dining Block and Cafeteria (2<sup>ND</sup> CALL)

(i) To be submitted/uploaded by 15:00 Hours on 18-06-2018

(ii) To be opened in presence of tenderers who may be present at 15:30 Hours on 18-06-2018 in the office of Conference room, IIM Raipur, GEC Campus, Sejbahar, Raipur..

Issued to:.....

Signature of officer issuing the documents .....

Designation.....

Date of Issue:.....

\* Note Applicable for e-tendering

## TENDER

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

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

We agree to keep the tender open for 90 Days and not to make any modification in its terms and conditions.

A sum of Rs. .... is hereby forwarded in cash/receipt treasury challan/deposit at call receipt of a scheduled bank/fixed deposit receipt of scheduled bank/demand draft of a scheduled bank/bank guarantee issued by a scheduled bank as earnest money.

A copy of earnest money in receipt treasury challan/deposit at call receipt of a scheduled bank/fixed deposit receipt of scheduled bank/demand draft of a scheduled bank/bank guarantee issued by a scheduled bank is scanned and uploaded (**strike out as the case may be**). If I/We, fail to furnish the prescribed performance guarantee within prescribed period, I/We agree that the said IIM Raipur or his successors, in office shall without prejudice to any other right or remedy, be at

liberty to forfeit the said earnest money absolutely. Further, if I/We fail to commence work as specified, I/ We agree that IIM Raipur or the successors in office shall without prejudice to any other right or remedy available in law, be at liberty to forfeit the said performance guarantee absolutely. The said Performance Guarantee shall be a guarantee to execute all the works referred to in the tender documents upon the terms and conditions contained or referred to those in excess of that limit at the rates to be determined in accordance with the provision contained in Clause 12.2 and 12.3 of the tender form.

Further, I/We agree that in case of forfeiture of Earnest Money or Performance Guarantee as aforesaid, I/We shall be debarred for participation in the re-tendering process of the work.

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

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

Dated  
Witness:

Signature of Contractor  
Postal Address

Address:  
Occupation:

## A C C E P T A N C E

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

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

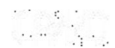
- (a)
- (b)
- (c)

For & on behalf of the IIM Raipur.

Signatures.....

Dated:

Designation.....



## GENERAL RULES &amp; DIRECTIONS

## IIM RAIPUR

**General Rules &  
Directions1.**

All work proposed for execution by contract will be notified in a form of invitation to tender pasted in public places and signed by the officer inviting tender or by publication in Newspapers or posted on website as the case may be.

This form will state the work to be carried out, as well as the date for submitting and opening tenders and the time allowed for carrying out the work, also the amount of earnest money to be deposited with the tender, and the amount of the security deposit and Performance guarantee to be deposited by the successful tenderer and the percentage, if any, to be deducted from bills. Copies of the specifications, designs and drawings and any other documents required in connection with the work signed for the purpose of identification by the officer inviting tender shall also be open for inspection by the contractor at the office of officer inviting tender during office hours.

2. In the event of the tender being submitted by a firm, it must be signed separately by each partner thereof or in the event of the absence of any partner, it must be signed on his behalf by a person holding a power-of attorney authorizing him to do so, such power of attorney to be produced with the tender, and it must disclose that the firm is duly registered under the Indian Partnership Act, 1952.
3. Receipts for payment made on account of work, when executed by a firm, must also be signed by all the partners, except where contractors are described in their tender as a firm, in which case the receipts must be signed in the name of the firm by one of the partners, or by some other person having due authority to give effectual receipts for the firm.

**Applicable for Item  
Rate Tender only**

4. Any person who submits a tender shall fill up the usual printed form, stating at what rate he is willing to undertake each item of the work. Tenders, which propose any alteration in the work specified in the said form of invitation to tender, or in the time allowed for carrying out the work, or which contain any other conditions of any sort, including conditional rebates, will be summarily rejected. No single tender shall include more than one work, but contractors who wish to tender for two or more works shall submit separate tender for each. Tender shall have the name and number of the works to which they refer, written on the envelopes.

The rate(s) must be quoted in decimal coinage. Amounts must be quoted in full rupees by ignoring fifty paisa and considering more than fifty paisa as rupee one.

In case the lowest tendered amount (worked out on the basis of quoted rate of Individual items) of two or more contractors is same, then such lowest contractors may be asked to submit sealed revised offer quoting rate of each item of the schedule of quantity for all sub sections/sub heads as the case may be, but the revised quoted rate of each item of schedule of quantity for all sub sections/sub heads should not be higher than their respective original rate quoted already at the time of submission of tender. The lowest tender shall be decided on the basis of revised offer.

If the revised tendered amount (worked out on the basis of quoted rate of individual items) of two or more contractors received in revised offer is again found to be equal, then the lowest tender, among such contractors, shall be decided by draw of lots Engineer-in-Charge.

In case of any such lowest contractor in his revised offer quotes rate of any item more than their respective original rate quoted already at the time of submission of tender, then such revised offer shall be treated invalid. Such case of revised offer of the lowest contractor or case of refusal to submit revised offer by the lowest contractor shall be treated as withdrawal of his tender before acceptance and 50% of his earnest money shall be forfeited.

In case all the lowest contractors those have same tendered amount (as a result of their quoted rate of individual items), refuse to submit revised offers, then tenders are to be recalled after forfeiting 50% of EMD of each lowest contractor.

Contractor, whose earnest money is forfeited because of non-submission of revised offer, or quoting higher revised rate(s) of any item(s) than their respective original rate quoted already at the time of submission of his bid shall not be allowed to participate in the retendering process of the work.

**Applicable for  
Percentage Rate  
Tender only**

- 4 A. Applicable for Percentage Rate Tender only
- In case of Percentage Rate Tenders, contractor shall fill up the usual printed form, stating at what percentage below/above (in figures as well as in words) the total estimated cost given in Schedule of Quantities at Schedule-A, he will be willing to execute the work. The tender submitted shall be treated as invalid if:-
1. The contractor does not quote percentage above/below on the total amount of tender or any section/sub head of the tender.
  2. The percentage above/below is not quoted in figures & words both on the total amount of tender or any section/sub head of the tender.
  3. The percentage quoted above/below is different in figures & words on the total amount of tender or any section/sub head of the tender.

Tenders, which propose any alteration in the work specified in the said form of invitation to tender, or in the time allowed for carrying out the work, or which contain any other conditions of any sort including conditional rebates, will be summarily rejected. No single tender shall include more than one work, but contractors who wish to tender for two or more works shall submit separate tender for each. Tender shall have the name and number of the works to which they refer, written on the envelopes.

- 4B. In case the lowest tendered amount (estimated cost  $\pm$  amount worked on the basis of percentage above/below) of two or more contractors is same, such lowest contractors will be asked to submit sealed revised offer in the form of letter mentioning percentage above/below on estimated cost of tender including all sub sections/sub heads as the case may be, but the revised percentage quoted above/below on tendered cost or on each sub section/sub head should not be higher than the percentage quoted at the time of submission of tender. The lowest tender shall be decided on the basis of revised offers.

In case any of such contractor refuses to submit revised offer, then it shall be treated as withdrawal of his tender before acceptance and 50% of earnest money shall be forfeited. If the revised tendered amount of two more contractors received in revised offer is again found to be equal, the lowest tender, among such contractors, shall be decided by draw of lots Engineer-in-Charge & the lowest contractors those have quoted equal amount of their tenders.

In case all the lowest contractors those have quoted same tendered amount, refuse to submit revised offers, then tenders are to be recalled after forfeiting 50% of EMD of each contractor.

Contractor(s), whose earnest money is forfeited because of non-submission of revised offer, shall not be allowed to participate in the re-tendering process of the work.

5. The officer inviting tender or his duly authorized assistant, will open tenders in the presence of any intending contractors who may be present at the time, and will enter the amounts of the several tenders in a comparative statement in a suitable form. In the event of a tender being accepted, a receipt for the earnest money shall thereupon be given to the contractor who shall thereupon for the purpose of identification sign copies of the specifications and other documents mentioned in Rule-I. In the event of a tender being rejected, the earnest money shall thereupon be returned to the contractor remitting the same, without any interest.
6. The officer inviting tenders shall have the right of rejecting all or any of the tenders and will not be bound to accept the lowest or any other tender.
7. The receipt of an accountant or clerk for any money paid by the contractor will not be considered as any acknowledgment or payment to the officer inviting tender and the contractor shall be responsible for seeing that he procures a receipt signed by the officer inviting tender or a duly authorized Cashier.
8. The memorandum of work tendered for and the schedule of materials to be supplied by IIM Raipur and their issue-rates, shall be filled and completed in the office of the officer inviting tender before the tender form is issued. If a form is issued to an intending tenderer without having been so filled in and incomplete, he shall request the officer to have this done before he completes and delivers his tender.
9. The tenderers shall sign a declaration under the officials Secret Act 1923, for maintaining secrecy of the tender documents drawings or other records connected with the work given to them. The unsuccessful tenderers shall return all the drawings given to them.
- 9A Use of correcting fluid, anywhere in tender document is not permitted. Such tender is liable for rejection.
10. In the case of Item Rate Tenders, only rates quoted shall be considered. Any tender containing percentage below/above the rates quoted is liable to be rejected. Rates quoted by the contractor in item rate tender in figures and words shall be accurately filled in so that there is no discrepancy in the rates written in figures and words. However, if a discrepancy is found, the rates which correspond with the amount worked out by the contractor shall unless otherwise proved be taken as correct. If the amount of an item is not worked out by the contractor or it does not correspond with the rates written either in figures or in words, then the rates quoted by the contractor in words shall be taken as correct. Where the rates quoted by the contractor in figures and in words tally, but the amount is not worked out correctly, the rates quoted by the contractor will unless otherwise proved be taken as correct and not the amount. In event, no rate has been quoted for any item(s), leaving space both in figure(s), word(s), and amount blank, it will be presumed that the contractor has included the cost of this/these item(s) in other items and rate for such item(s) will be considered as zero and work will be required to be executed accordingly.

**Applicable for  
Item Rate Tender  
only**

19

**Applicable for  
percentage  
Rate Tender  
only**

- 10 A. In case of Percentage Rate Tenders only percentage quoted shall be considered. Any tender containing item rates is liable to be rejected. Percentage quoted by the contractor in percentage rate tender shall be accurately filled in figures and words, so that there is no discrepancy.
11. In the case of any tender where unit rate of any item/items appear unrealistic, such tender will be considered as unbalanced and in case the tenderer is unable to provide satisfactory explanation, such a tender is liable to be disqualified and rejected.

**Applicable for  
Item Rate Tender  
only**

12. All rates shall be quoted on the tender form. The amount for each item should be worked out and requisite totals given. Special care should be taken to write the rates in figures as well as in words and the amount in figures only, in such a way that interpolation is not possible. The total amount should be written both in figures and in words. In case of figures, the word 'Rs.' should be written before the figure of rupees and word 'P' after the decimal figures, e.g. 'Rs. 2.15 P' and in case of words, the word, 'Rupees' should precede and the word 'Paise' should be written at the end. Unless the rate is in whole rupees and followed by the word 'only' it should invariably be upto two decimal places. While quoting the rate in schedule of quantities, the word 'only' should be written closely following the amount and it should not be written in the next line.

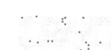
**Applicable for  
Percentage  
Rate Tender  
only**

- 12 A. In Percentage Rate Tender, the tenderer shall quote percentage below/above (in figures as well as in words) at which he will be willing to execute the work. He shall also work out the total amount of his offer and the same should be written in figures as well as in words in such a way that no interpolation is possible. In case of figures, the word 'Rs.' should be written before the figure of rupees and word 'P' after the decimal figures, e.g. 'Rs. 2.15P' and in case of words, the word 'Rupees' should precede and the word 'Paisa' should be written at the end.
13. (i) The Contractor whose tender is accepted, will be required to furnish performance guarantee of 5% (Five Percent) of the tendered amount within the period specified in Schedule F. This guarantee shall be in the form of cash (in case guarantee amount is less than Rs. 10,000/-) or Deposit at call receipt of any scheduled bank/Banker's cheque of any scheduled bank/Demand Draft of any scheduled bank/Pay order of any scheduled bank (in case guarantee amount is less than Rs. 1,00,000/-) or Government Securities or Fixed Deposit Receipts or Guarantee Bonds of any Scheduled Bank or the State Bank of India in accordance with the prescribed form.
- (ii) The contractor whose tender is accepted will also be required to furnish by way of Security Deposit for the fulfillment of his contract, an amount equal to 2.5% of the tendered value of the work. The Security deposit will be collected by deductions from the running bills as well as final bill of the contractor at the rates mentioned above. The Security amount will also be accepted in cash or in the shape of Government Securities. Fixed Deposit Receipt of a Scheduled Bank or State Bank of India will also be accepted for this purpose provided confirmatory advice is enclosed.
14. On acceptance of the tender, the name of the accredited representative(s) of the contractor who would be responsible for taking instructions from the Engineer-in-Charge shall be communicated in writing to the Engineer-in-Charge.
15. All taxes, levies, duties and cess applicable in respect of this contract shall be payable by the Contractor and IIM Raipur will not entertain any claim whatsoever in respect of the same.

16. The contractor shall give a list of both gazetted and non-gazetted IIM Raipur employees related to him.
17. The tender for the work shall not be witnessed by a contractor or contractors who himself/ themselves has/have tendered or who may and has/have tendered for the same work. Failure to observe this condition would render, tenders of the contractors tendering, as well as witnessing the tender, liable to summary rejection.
18. The tender for composite work includes, in addition to building work, all other works such as sanitary and water supply installations drainage installation, electrical work, horticulture work, roads and paths etc. The tenderer apart from being a registered contractor (B&R) of appropriate class, must associate himself with agencies of appropriate class which are eligible to tender for sanitary and water supply drainage, electrical and horticulture works in the composite tender.
19. The contractor shall submit list of works which are in hand (progress) in the following form:-

Name of work	Name and particulars of Divn where work is being executed	Value of work	Position of works in progress	Remarks
1.	2.	3.	4.	5.

20. The contractor shall comply with the provisions of the Apprentices Act 1961, and the rules and orders issued thereunder from time to time. If he fails to do so, his failure will be a breach of the contract and the Engineer-in-Charge may in his discretion, without prejudice to any other right or remedy available in law, 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.





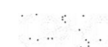
## GENERAL CONDITIONS OF CONTRACT

## Definitions

1. The **Contract** means the documents forming the tender and acceptance thereof and the formal agreement executed between the competent authority on behalf of the Indian Institute of Management, Raipur 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) 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.
  - (ii) 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.
  - (iii) The **Contractor** 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.
  - (iv) Unless repugnant to the context The **President** means the IIM Raipur and his successors.
  - (v) The **Engineer-in-charge** means the Engineer Officer who shall supervise and be incharge of the work and who shall sign the contract on behalf of the Indian Institute of Management, Raipur as mentioned in Schedule 'F' hereunder.
  - (vi) Unless repugnant to the context **Government or Government of India** shall mean the IIM Raipur.
  - (vii) The terms **Director General** includes Additional Director General and Chief Engineer of the Zone.
  - (viii) **Accepting Authority** shall mean the authority mentioned in Schedule 'F'.
  - (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 IIM Raipur of the part of the works in respect of which a certificate of completion has been issued or a cause solely due to IIM Raipur'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 Schedule 'F' 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 Schedule 'F' hereunder, with the amendments thereto issued upto the date of receipt of the tender.

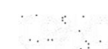


	(xii) <b>Department</b> means IIM Raipur or any department of Government of India which invites tenders on behalf of IIM Raipur as specified in schedule 'F'.
	(xiii) <b>District Specifications</b> means the specifications followed by the State Government in the area where the work is to be executed.
	(xiv) <b>Tendered value</b> means the value of the entire work as stipulated in the letter of award.
	(xv) <b>Date of commencement of work:</b> The date of commencement of work shall be the date of start as specified in schedule 'F' 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.
	(xvi) GST shall mean Goods and Service Tax- Central, State and Inter state.
<b>Scope and Performance</b>	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 the contract documents except standard specifications, Schedule of Rates and such other printed and published documents, together with all drawings as may be forming part of the tender papers. None of these documents shall be used for any purpose other than that of this contract.
<b>Works to be carried out</b>	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 (Schedule- A) 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.
<b>Sufficiency of Tender</b>	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 rates and prices quoted in the Schedule of Quantities, 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.
<b>Discrepancies and Adjustment of Errors</b>	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 special conditions 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.



**Signing of  
Contract**

- 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.
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 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) Standard Form as mentioned in Schedule 'F' consisting of:
    - (a) Various standard clauses with corrections up to the date stipulated in Schedule 'F' along with annexures thereto.
    - (b) Safety Code.
    - (c) Model Rules for the protection of health, sanitary arrangements for workers employed by IIM Raipur or its contractors.
    - (d) Contractor's Labour Regulations.
    - (e) List of Acts and omissions for which fines can be imposed.
  - (iii) No payment for the work done will be made unless contract is signed by the contractor.



## CLAUSES OF CONTRACT

### CLAUSE 1

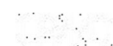
#### Performance Guarantee

- (i) The contractor shall submit an irrevocable Performance Guarantee of 5% (Five percent) of the tendered 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 Cash (in case guarantee amount is less than Rs. 10,000/-) or Deposit at Call receipt of any scheduled bank/Banker's Cheque of any scheduled bank/Demand Draft of any scheduled bank/Pay Order of any scheduled bank (in case guarantee amount is less than Rs. 1,00,000/-) or Government Securities or Fixed Deposit Receipts or Guarantee Bonds of any Scheduled Bank or the State Bank of India in accordance with the form annexed hereto. In case a fixed deposit receipt of any Bank is furnished by the contractor to IIM Raipur 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 IIM Raipur to make good the deficit.
- (ii) The Performance Guarantee shall be initially valid up to the stipulated date of completion plus 60 days 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 yearwise proportionately.
- (iii) The Engineer-in-Charge shall not make a claim under the performance guarantee except for amounts to which the IIM Raipur 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 IIM Raipur 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 IIM Raipur.

### CLAUSE 1 A

#### Recovery of Security Deposit

The person/persons whose tender(s) may be accepted (hereinafter called the contractor) shall permit IIM Raipur at the time of making any payment to him for work done under the contract to deduct a sum at the rate of 2.5% of the gross amount of each running and final bill till the sum deducted will amount to security deposit of 2.5% of the tendered value of the work. Such deductions will be made and held by IIM Raipur by way of Security Deposit



unless he/they has/have deposited the amount of Security at the rate mentioned above in cash or 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 IIM Raipur 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 IIM Raipur 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 therefrom, or from any sums which may be due to or may become due to the contractor by IIM Raipur 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 yearwise 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 Engineer-in-Charge 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 extended date of completion, he shall, without prejudice to any other right or remedy available under the law to IIM Raipur on account of such breach, pay as agreed compensation the amount calculated at the rates stipulated below as the authority specified in schedule 'F' (whose decision in writing shall be final and binding) may decide on the amount of tendered value of the work for every completed day/month (as applicable) that the progress remains below that specified in Clause 5 or that the work remains incomplete.

This will also apply to items or group of items for which a separate period of completion has been specified.

(i) Compensation  
for delay of work

@ 1.5 % per month of delay  
to be computed on per day basis

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Provided always that the total amount of compensation for delay to be paid under this Condition shall not exceed 10% of the Tendered Value of work or of the Tendered Value of the item or group of items of work for which a separate period of completion is originally given.

The amount of compensation may be adjusted or set-off against any sum payable to the Contractor under this or any other contract with IIM Raipur. 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 at the final grant of Extension of Time. 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.

**Incentive for early completion**

## CLAUSE 2A

In case, the contractor completes the work ahead of updated stipulated date of completion considering the effect of extra work (to be calculated on pro-rata basis as cost of extra work X stipulated period/tendered cost), a bonus @ 1% (one per cent) of the tendered value per month computed on per day basis, shall be payable to the contractor, subject to a maximum limit of 5% (five per cent) of the tendered value. The amount of bonus, if payable, shall be paid along with final bill after completion of work. Provided always that provision of the Clause 2A shall be applicable only when so provided in 'Schedule F'.

**When Contract can be Determined**

## CLAUSE 3

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, 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 unworkman 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 so that in the opinion of the Engineer-in-Charge (which shall be final and binding) he will be unable to secure completion of the work by the date for completion 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 within the stipulated date or items of work with individual date of completion, if any stipulated, on or before such date(s) of completion and does not complete them within the period specified in a notice given in writing in that behalf by the Engineer-in-Charge.
- (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 IIM Raipur service or to any other person on his behalf any gift or consideration of any kind as an inducement

*[Signature]*

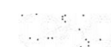
or reward for doing or forbearing to do or for having done or forborne to do any act in relation to the obtaining or execution of this or any other contract for IIM Raipur.

- (vi) If the contractor shall enter into a contract with IIM Raipur 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 IIM Raipur 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, 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.

When the contractor has made himself liable for action under any of the cases aforesaid, the Engineer-in-Charge on behalf of the IIM Raipur shall have powers:

- (a) To determine the contract as aforesaid (of which termination notice in writing to the contractor under the hand of the Engineer-in-Charge shall be conclusive evidence). Upon such determination, the Security Deposit already recovered and Performance Guarantee under the contract shall be liable to be forfeited and shall be absolutely at the disposal of IIM Raipur.
- (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 month whichever is higher, either party may close the contract. In case contractor wants to close the contract, he shall give notice to IIM Raipur stating the failure on the part of IIM Raipur. In such eventuality, the Performance Guarantee of the contractor shall be refunded within following time limits:

(i) If the Tendered value of work is up to Rs. 45 lac : 15 days. (ii) If the Tendered value of work is more than Rs. 45 lac and up to Rs. 2.5 Crore : 21 days. (iii) If the Tendered value of work exceeds Rs. 2.5 Crore : 30 days.

If Performance Guarantee is not released within prescribed time limit, then a simple interest @ 0.25% per month shall be payable on Performance Guarantee amount to the contractor from the date of expiry of prescribed time limit.

A compensation for such eventuality, on account of damages etc. shall be payable @ 0.25% of tendered amount subject to maximum limit of Rs. 10 lacs.

## CLAUSE 4

In any case in which any of the powers conferred upon the Engineer-in-Charge by Clause-3 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 at the 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.

**Contractor liable to pay Compensation even if action not taken under Clause 3**

## CLAUSE 5

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 works shall commence from such time period as mentioned in schedule 'F' or from the date of handing over of the site whichever is later. If the Contractor commits default in commencing the execution of the work as aforesaid, IIM Raipur shall without prejudice to any other right or remedy available in law, be at liberty to forfeit the performance guarantee absolutely.

**Time and Extension for Delay**



**5.1** As soon as possible after the Contract is concluded, the Contractor shall submit a Time and Progress Chart for each mile stone and get it approved by IIM Raipur. 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, and further to ensure good progress during the execution of the work, the contractor shall in all cases in which the time allowed for any work, exceeds one month (save for special jobs for which a separate programme has been agreed upon) complete the work as per mile stones given in Schedule 'F'.

- (a) Project Management shall be done by using project management software for works costing more than Rs. 5 Crore.
- (b) The project management shall be done using M.S. Project software for works costing more than Rs. 5 Crore and up to Rs. 20 Crore.  
For works costing more than Rs. 20 Crore, project management shall be done using Primavera Software.

## PROGRAMME CHART

- (i) The Contractor shall prepare an integrated programme chart in MS Project/Primavera software for the execution of work, showing clearly all activities from the start of work to completion, with details of manpower, equipment and machinery required for the fulfillment of the programme within the stipulated period or earlier and submit the same for approval to the Engineer-in-Charge within ten days of award of the contract. A recovery of Rs. 2500/- (for works costing upto Rs. 20 Crores) / Rs. 5000/- (for works costing more than Rs. 20 Crores) shall be made on per day basis in case of delay in submission of the above programme.
- (ii) The programme chart should include the following:
  - (a) Descriptive note explaining sequence of the various activities.
  - (b) Network (PERT / CPM / BAR CHART).
  - (c) Programme for procurement of materials by the contractor.  
Programme of procurement of machinery / equipments having adequate capacity, commensurate with the quantum of work to be done within the stipulated period, by the contractor. In addition to above, to achieve the progress of Work as per programme, the contractor must bring at site adequate shuttering material required for cement concrete and R.C.C. works etc. for three floors within one month from the date of start of work till the completion of RCC work as per requirement of work. The contractor shall submit shuttering schedule adequate to complete structure work within laid down physical milestone.
- (iii) If at any time, it appears to the Engineer-in-Charge that the actual progress of work does not conform to the approved programme referred above or after rescheduling of milestones, the contractor shall produce a revised programme within 7 (seven) days, showing the modifications to the approved programme to ensure timely completion of the work. The modified schedule of programme shall be approved by the Engineer in Charge. A recovery of Rs. 2500/- (for works costing upto Rs. 20 Crores) / Rs. 5000/- (for works costing more than Rs. 20 Crores) shall be made on per day basis in case of delay in submission of the modified programme.
- (iv) The submission for approval by the Engineer-in-Charge of such programme or such particulars shall not relieve the contractor of any of the duties or responsibilities under the contract. This is without prejudice to the right of Engineer-in-Charge to take action against the contractor as per terms and conditions of the agreement.



- (v) The contractor shall submit the progress report using MS Project/Primavira software with base line programme referred above for the work done during previous month to the Engineer-in-charge on or before 5th day of each month failing which a recovery Rs. 2500/- (for works costing upto Rs. 20 Crores) / Rs. 5000/- (for works costing more than Rs. 20 Crores) shall be made on per day 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) non-availability of stores, which are the responsibility of IIM Raipur to supply or
- (vii) non-availability or break down of tools and Plant to be supplied or supplied by IIM Raipur or
- (viii) any other cause which, in the absolute discretion 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 authority as indicated in Schedule 'F' 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.

## 5.3 Request for rescheduling of Mile stones and extension of time, to be eligible for consideration, shall be made by the Contractor (As per Appendix XVI) in writing within fourteen days of the happening of the event causing delay on the prescribed form to the authority as indicated in Schedule 'F'. The Contractor may also, if practicable, indicate in such a request the period for which extension is desired.

In any such case the authority as indicated in Schedule 'F' may give a fair and reasonable extension of time and reschedule the mile stones for completion of work. Such extension or rescheduling of the milestones shall be communicated to the Contractor by the authority as indicated in Schedule 'F' in writing, within 3 months or 4 weeks of the date of receipt of such request with all supporting documents respectively failing which it will be deemed that rescheduling of milestones have been approved.

Non-application by the contractor for extension of time/ rescheduling of the milestones shall not be a bar for giving a fair and reasonable extension/ rescheduling of the milestones by the authority as indicated in Schedule 'F' and this shall be binding on the contractor.

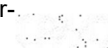
## Measurements of Work Done

### CLAUSE 6

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

All measurement of all items having financial value shall be entered in Measurement Book and/or level field book so that a complete record is obtained of all works performed under the contract.

All measurements and levels shall be taken jointly by the Engineer-in-Charge or his authorized representative and by the contractor or his authorized representative from time to time during the progress of the work and such measurements shall be signed and dated by the Engineer-



in-Charge and the contractor or their representatives in token of their acceptance. If the contractor objects to any of the measurements recorded, a note shall be made to that effect with reason and signed by both the parties.

If for any reason the contractor or his authorized representative is not available and the work of recording measurements is suspended by the Engineer-in-Charge or his representative, the Engineer-in-Charge and IIM Raipur shall not entertain any claim from contractor for any loss or damages on this account. If the contractor or his authorized representative does not remain present at the time of such measurements after the contractor or his authorized representative has been given a notice in writing three (3) days in advance or fails to countersign or to record objection within a week from the date of the measurement, then such measurements recorded in his absence by the Engineer-in-Charge or his representative shall be deemed to be accepted by the Contractor.

The contractor shall, without extra charge, provide all assistance with every appliance, labour and other things necessary for measurements and recording levels.

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 authorized representative in charge of the work, before covering up or otherwise placing beyond the reach of measurement any work in order that the same may be measured and correct dimensions thereof be taken before the same is covered up or placed beyond the reach of 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 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 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 authorized representative may cause either themselves or through another officer of IIM Raipur to check the measurements recorded jointly or otherwise as aforesaid 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 recording of measurements of any item of work in the measurement book and/or its payment in the interim, on account or 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 6A

**Computerized  
Measurement  
Book**

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 of all items having financial value shall be entered by the contractor and compiled in the shape of the Computerized Measurement Book having pages of A-4 size as per the format of IIM Raipur so that a complete record is obtained of all the items of works performed under the contract.

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RAIPUR

All such 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 authorized representative as per interval or program fixed in consultation with Engineer-in-Charge or his authorized representative. After the necessary corrections made by the Engineer-in-Charge, the measurement sheets shall be returned to the contractor for incorporating the corrections and for resubmission to the Engineer-in-Charge for the dated signatures by the Engineer-in-Charge and the contractor or their representatives in token of their acceptance.

Whenever bill is due for payment, the contractor would initially submit draft computerized measurement sheets and these measurements would be got checked/test checked from the Engineer-in-Charge and/or his authorized representative. The contractor will, thereafter, incorporate such changes as may be done during these checks/test checks in his draft computerized measurements, and submit to IIM Raipur a computerized measurement book, duly bound, and with its pages machine numbered. The Engineer-in-Charge and/or his authorized representative would thereafter check this MB, and record the necessary certificates for their checks/test checks.

The final, fair, computerized measurement book given by the contractor, duly bound, with its pages machine numbered, should be 100% correct, and no cutting or over-writing in the measurements would thereafter be allowed. If at all any error is noticed, the contractor shall have to submit a fresh computerized MB with its pages duly machine numbered and bound, after getting the earlier MB cancelled by IIM Raipur. Thereafter, the MB shall be taken in the Divisional Office records, and allotted a number as per the Register of Computerised MBs. This should be done before the corresponding bill is submitted to the Division Office for payment. The contractor shall submit two spare copies of such computerized MB's for the purpose of reference and record by the various officers of IIM Raipur.

The contractor shall also submit to IIM Raipur separately his computerized Abstract of Cost and the bill based on these measurements, duly bound, and its pages machine numbered along with two spare copies of the "bill. Thereafter, this bill will be processed by the Division Office and allotted a number as per the computerized record in the same way as done for the measurement book meant for measurements.

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 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 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 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 authorized representative may cause either themselves or through another officer of IIM Raipur to check the measurements 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 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.

**Payment on  
Intermediate  
Certificate to be  
Regarded as  
Advances**

## **CLAUSE 7**

No payment shall be made for work, estimated to cost Rs. Twenty thousand 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. Twenty thousand, the interim or running account bills shall be submitted by the contractor for the work executed on the basis of such recorded measurements on the format of IIM Raipur in triplicate on or before the date of every month fixed for the same by the Engineer-in-Charge. 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. 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. In the event of the failure of the contractor to submit the bills, Engineer-in-Charge shall prepare or cause to be prepared such bills in which event no claims whatsoever due to delays on payment including that of interest shall be payable to the contractor. Payment on account of amount admissible shall be made by the Engineer-in-Charge certifying the sum to which the contractor is considered entitled by way of interim payment at such rates as decided by the Engineer-in-Charge. The amount admissible shall be paid by 21 working day after the day of presentation of the bill by the Contractor to the Engineer-in-Charge or his Asstt. Engineer together with the account of the material issued by IIM Raipur, or dismantled materials, if any. In the case of works outside the headquarters of the Engineer- in-Charge, the period of ten working days will be extended to fifteen working days. In case of delay in payment of intermediate bills after 45 days of submission of bill by the contractor provided the bill submitted by the contractor found to be in order, a simple interest @ 7.5% per annum shall be paid to the contractor from the date of expiry of prescribed time limit which will be compounded on yearly basis.

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 IIM Raipur 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 bill by taking detailed measurements thereof.

**Payments in  
composite  
Contracts**

In case of composite tenders, running payment for the major component shall be made by Engineer-in-Charge 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 8

**Completion  
Certificate and  
Completion Plans**

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.

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**Contractor to Keep  
Site Clean**

## **CLAUSE 8A**

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.

**Completion Plans  
to be Submitted by  
the Contractor**

## **CLAUSE 8B**

The contractor shall submit completion plan as required vide General Specifications for Electrical works (Part-I internal) 2005 and (Part-II External) 1994 as applicable within thirty days of the completion of the work.

In case, the contractor fails to submit the completion plan as aforesaid, he shall be liable to pay a sum equivalent to 2.5% of the value of the work subject to a ceiling of Rs.15,000 (Rs. Fifteen thousand only) as may be fixed by the Engineer-in-Charge concerned and in this respect the decision of the Engineer-in-Charge shall be final and binding on the contractor.

The contractor shall submit completion plan for water, sewerage and drainage line plan within thirty days of the completion of the work.

In case, the contractor fails to submit the completion plan as aforesaid, IIM Raipur will get it done through other agency at his cost and actual expenses incurred plus Rs. 15,000/- for the same shall be recovered from the contractor.

**Payment of Final  
Bill**

## **CLAUSE 9**

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. Payments of those items of the bill in respect of which there is no dispute and of items in dispute, for quantities and rates as approved by Engineer-in-Charge, will, as far as possible be made within the period specified hereinunder, the period being reckoned from the date of receipt of the bill by the Engineer-in-Charge or his authorized Asstt. Engineer, complete with account of materials issued by IIM Raipur and dismantled materials.

(i) If the Tendered value of work is up to Rs. 45 lac : 2 months (ii) If the Tendered value of work is more than Rs.45 lac and up to Rs. 2.5 Crore : 3 months (iii) If the Tendered value of work exceeds Rs. 2.5 Crore : 6 months

In case of delay in payment of final bills after prescribed time limit, a simple interest @ 7.5% per annum shall be paid to the contractor from the date of expiry of prescribed time limit which will be compounded on yearly basis, provided the final bill submitted by the contractor 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 IIM Raipur or his signature on the bill or other claim preferred against IIM Raipur 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, co-operative 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 visa-vis the IIM Raipur.

**Materials supplied by IIM Raipur**    **CLAUSE 10**

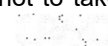
Materials which IIM Raipur will supply are shown in Schedule 'B' which also stipulates quantum, place of issue and rate(s) to be charged in respect thereof. The contractor shall be bound to procure them from the Engineer-in-Charge.

As soon as the work is awarded, the contractor shall finalise the programme for the completion of work as per clause 5 of this contract and shall give his estimates of materials required on the basis of drawings/or schedule of quantities of the work. The Contractor shall give in writing his requirement to the Engineer-in-Charge which shall be issued to him keeping in view the progress of work as assessed by the Engineer-in-Charge, in accordance with the agreed phased programme of work indicating monthly requirements of various materials. The contractor shall place his indent in writing for issue of such materials at least 7 days in advance of his requirement.

Such materials shall be supplied for the purpose of the contract only and the value of the materials so supplied at the rates specified in the aforesaid schedule shall be set off or deducted, as and when materials are consumed in items of work (including normal wastage) for which payment is being made to the contractor, from any sum then due or which may therefore become due to the contractor under the contract or otherwise or from the security deposit. At the time of submission of bills, the contractor shall certify that balance of materials supplied is available at site in original good condition.

The contractor shall submit along with every running bill (on account or interim bill) material wise reconciliation statements supported by complete calculations reconciling total issue, total consumption and certified balance (diameter/section-wise in the case of steel) and resulting variations and reasons therefore. Engineer-in-Charge shall (whose decision shall be final and binding on the contractor) be within his rights to follow the procedure of recovery in clause 42 at any stage of the work if reconciliation is not found to be satisfactory.

The contractor shall bear the cost of getting the material issued, loading, transporting to site, unloading, storing under cover as required, cutting assembling and joining the several parts together as necessary. Notwithstanding anything to the contrary contained in any other clause of the contract and (or the CPWA Code) all stores/materials so supplied to the contractor or procured with the assistance of IIM Raipur shall remain the absolute property of IIM Raipur and the contractor shall be the trustee of the stores/materials, and the said stores/materials shall not be removed/disposed off from the site of the work on any account and shall be at all times open to inspection by the Engineer-in-Charge or his authorized agent. Any such stores/materials remaining unused shall be returned to the Engineer-in-Charge in as good a condition in which they were originally supplied at a place directed by him, at a place of issue or any other place specified by him as he shall require, but in case it is decided not to take back the stores/materials the contractor shall have no claim for



compensation on any account of such stores/materials so supplied to him as aforesaid and not used by him or for any wastage in or damage to in such stores/materials.

On being required to return the stores/materials, the contractor shall hand over the stores/materials on being paid or credited such price as the Engineer-in-Charge shall determine, having due regard to the condition of the stores/materials. The price allowed for credit to the contractor, however, shall be at the prevailing market rate not exceeding the amount charged to him, excluding the storage charge, if any. The decision of the Engineer-in-Charge shall be final and conclusive. In the event of breach of the aforesaid condition, the contractor shall in addition to throwing himself open to account for contravention of the terms of the licences or permit and/or for criminal breach of trust, be liable to IIM Raipur for all advantages or profits resulting or which in the usual course would have resulted to him by reason of such breach. Provided that the contractor shall in no case be entitled to any compensation or damages on account of any delay in supply or non-supply thereof all or any such materials and stores provided further that the contractor shall be bound to execute the entire work if the materials are supplied by IIM Raipur within the original scheduled time for completion of the work plus 50% thereof or schedule time plus 6 months whichever is more if the time of completion of work exceeds 12 months, but if a part of the materials only has been supplied within the aforesaid period, then the contractor shall be bound to do so much of the work as may be possible with the materials and stores supplied in the aforesaid period. For the completion of the rest of the work, the contractor shall be entitled to such extension of time as may be determined by the Engineer-in-Charge whose decision in this regard shall be final and binding on the contractor.

The contractor shall see that only the required quantities of materials are got issued. Any such material remaining unused and in perfectly good/original condition at the time of completion or determination of the contract shall be returned to the Engineer-in-Charge at the stores from which it was issued or at a place directed by him by a notice in writing. The contractor shall not be entitled for loading, transporting, unloading and stacking of such unused material except for the extra lead, if any involved, beyond the original place of issue.


**Materials to be  
provided by  
the Contractor**

## **CLAUSE 10A**

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

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 10B

### Secured Advance on Non-perishable 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 90% of the assessed value of any materials which are in the opinion of the Engineer-in-Charge non-perishable, 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.

### Mobilisation Advance

- (ii) Mobilization advance not exceeding 10% of the tendered value may be given, if requested by the contractor in writing within one month of the order to commence the work. Such advance shall be in two or more installments to be determined by the Engineer-in-Charge at his sole discretion. The first installment of such advance shall be released by the Engineer-in-charge to the contractor on a request made by the contractor to the Engineer-in-Charge in this behalf. The second and subsequent installments shall be released by the Engineer-in-Charge only after the contractor furnishes a proof of the satisfactory utilization of the earlier installment to the entire satisfaction of the Engineer-in-Charge.

Before any installment of advance is released, the contractor shall execute a Bank Guarantee Bonds not more than 6 in number from Scheduled Bank for the amount equal to 110% of the amount of advance and valid for the period till recovery of advance. This (Bank Guarantee from Scheduled Bank for the amount equal to 110% of the balance amount of advance) shall be kept renewed from time to time to cover the balance amount and likely period of complete recovery.

*(Signature)*

## Plant Machinery & Shuttering Material Advance

Provided always that provision of Clause 10 B (ii) shall be applicable only when so provided in 'Schedule F'.

- (iii) An advance for plant, machinery & shuttering material required for the work and brought to site by the Contractor may be given if requested by the contractor in writing within one month of bringing such plant and machinery to site. Such advance shall be given on such plant and machinery which in the opinion of the Engineer-in-charge will add to the expeditious execution of work and improve the quality of work. The amount of advance shall be restricted to 5% percent of the tender value. In the case of new plant and equipment to be purchased for the work, the advance shall be restricted to 90% of the price of such new plant and equipment paid by the contractor for which the contractor shall produce evidence satisfactory to the Engineer-in-Charge. In the case of second hand and used plants and equipment, the amount of such advance shall be limited to 50% of the depreciated value of plant and equipment as may be decided by the Engineer-in-Charge. The contractor shall, if so required by the Engineer-in-Charge, submit the statement of value of such old plant and equipment duly approved by a Registered Valuer recognized by the Central Board of Direct Taxes under the Income-Tax Act, 1961. No such advance shall be paid on any plant and equipment of perishable nature and on any plant and equipment of a value less than Rs. 50,000/- Seventy five per cent of such amount of advance shall be paid after the plant & equipment is brought to site and balance twenty five percent on successfully commissioning the same.

Leasing of equipment shall be considered at par with purchase of equipment and shall be covered by tripartite agreement with the following:

1. Leasing company which gives certificate of agreeing to lease equipment to the contractor.
2. Engineer in Charge, and
3. The contractor.

This advance shall further be subject to the condition that such plant and equipment (a) are considered by the Engineer-in-Charge to be necessary for the works; (b) and are in working order and are maintained in working order; (c) hypothecated to IIM Raipur as specified by the Engineer-in-Charge before the payment of advance is released. The contractor shall not be permitted to remove from the site such hypothecated plant and equipment without the prior written permission of the Engineer-in-Charge. The contractor shall be responsible for maintaining such plant and equipment in good working order during the entire period of hypothecation failing which such advance shall be entirely recovered in lump sum. For this purpose, steel scaffolding and form work shall be treated as plant and equipment.

The contractor shall insure the Plant and Machinery for which mobilization advance is sought and given, for a sum sufficient to provide for their replacement at site. Any amounts not recovered from the insurer will be borne by the contractor.

## Interest & Recovery

- (iv) The mobilization advance and plant and machinery advance in (ii) & (iii) above bear simple interest at the rate of 10 per cent per annum and shall be calculated from the date of payment to the date of recovery, both days inclusive, on the outstanding amount of advance. Recovery of such sums advanced shall be made by the deduction from the contractor's bills commencing after first ten per cent of the gross value of the work is executed and paid, on pro-rata percentage basis to the gross value of the work billed beyond 10% in such a way that the entire advance is recovered by the time eighty per cent of the gross value of the contract is executed and paid, together with interest due on the entire outstanding amount up to the date of recovery of the installment.



- (v) If the circumstances are considered reasonable by the Engineer-in-Charge, the period mentioned in (ii) and (iii) for request by the contractor in writing for grant of mobilization advance and plant and equipment advance may be extended in the discretion of the Engineer-in-Charge.

## CLAUSE 10C

**Payment on  
Account of Increase  
in Prices/Wages due  
to Statutory  
Order(s)**

If after submission of the tender, the price of any material incorporated in the works (excluding the materials covered under Clause 10CA and not being a material supplied from the Engineer-in-Charge's stores in accordance with Clause 10 thereof) 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 changes of rate in sales tax/VAT, Central/State Excise/Custom Duty/Service Tax/Goods and Service Tax (GST)) 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 and provided further that any such increase shall be limited to the price/wages prevailing at the time of updated stipulated date of completion considering effect of extra work (extra time to be calculated on prorata basis only as cost of extra work x stipulated period/tendered amount).

If after submission of the tender, the price of any material incorporated in the works (excluding the materials covered under Clause 10CA and not being a material supplied from the Engineer-in-Charge's stores in accordance with Clause 10 thereof) 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 changes of rate in sales tax/VAT, Central/State Excise/Custom Duty/Service Tax/Goods and Service Tax (GST)), IIM Raipur shall in respect of materials incorporated in the works (excluding the materials covered under Clause 10CA and not being material supplied from the Engineer-in-Charge's stores in accordance with Clause 10 hereof) 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 may 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 the work executed during period under consideration shall be the percentage as specified in Schedule F, of the value of work done during that period and the increase/decrease in labour shall be considered on the minimum daily wages in rupees of any unskilled adult male mazdoor, fixed under any law, statutory rule or order.

## CLAUSE 10 CA

**Payment due to  
variation in prices  
of materials after  
receipt of tender**

If after submission of the tender, the price of materials specified in Schedule F increases/decreases beyond the base price(s) as indicated in Schedule F for the work, then the amount of the contract shall accordingly be varied and provided further that any such variations shall be effected for stipulated period of Contract including the justified period extended under the provisions of Clause 5 of the Contract without any action under Clause 2.



However, for work done/during the justified period extended as above, it will be limited to indices prevailing at the time of updated stipulated date of completion considering the effect of extra work (extra time to be calculated on pro-rata basis only as cost of extra work x stipulated period/tendered cost).

The increase/decrease in prices of cement, steel reinforcement, structural steel and POL shall be determined by the Price indices issued by the Director General, CPWD. For other items provided in the Schedule 'F', this shall be determined by the All India Wholesale Price Indices of materials as published by Economic Advisor to Government of India, Ministry of Commerce and Industry. Base price for cement, steel reinforcement, structural steel and POL shall be as issued under the authority of Director General CPWD applicable for Delhi including Noida, Gurgaon, Faridabad & Ghaziabad and for other places as issued under the authority of Zonal Chief Engineer, CPWD and base price of other materials issued by concerned Zonal chief Engineer and as indicated in Schedule 'F'. In case, price index of a particular material is not issued by Ministry of Commerce and Industry, then the price index of nearest similar material as indicated in Schedule 'F' shall be followed.

The amount of the contract shall accordingly be varied for all such materials and will be worked out as per the formula given below for individual material: -

Adjustment for component of individual material

$$V = P \times Q \times \frac{CI - CI_0}{CI_0}$$

Where,

V = Variation in material cost i.e. increase or decrease in the amount of rupees to be paid or recovered.

P = Base Price of material as issued under authority of DG, CPWD or concerned Zonal Chief Engineer and as indicated in Schedule "F".

For Projects and Original Works

Q = Quantity of material brought at site for bonafide use in the works since previous bill excluding any such quantity consumed in the deviated quantity of items beyond deviation limit and extra /substituted item, paid/to be paid at rates derived on the basis of market rate under clause 12.2.

For Maintenance Works

Q = Quantity of material brought at site for bonafide use in the works since previous bill including any such quantity consumed in the deviated quantity of items beyond deviation limit paid at agreement rate and extra /substituted item being scheduled items, but excluding non schedule extra /substituted item paid/to be paid at market rate under clause 12.2.

CI<sub>0</sub> = Price index for cement, steel reinforcement bars structural steel and POL as issued by the DG, CPWD and corresponding to the time of base price of respective material indicated in Schedule 'F'. For other items, if any, provided in Schedule 'F', All India Wholesale Price Index for the material as published by the Economic Advisor to Government of India, Ministry of Industry and Commerce and corresponding to the time of base price of respective material indicated in Schedule 'F'.

CI = Price index for cement, steel reinforcement bars, structural steel and POL as issued under the authority of DG, CPWD for period under consideration. For other items, if any, provided in Schedule 'F', All India Wholesale Price Index for the material for period under consideration as published by Economic Advisor to Government of India, Ministry of Industry and Commerce.

Note: (i) In respect of the justified period extended under the provisions of clause 5 of the contract without any action under clause 2, the index prevailing at the time of updated stipulated date of completion considering the effect of extra work (extra time to be calculated on prorata basis only as cost of extra work x stipulated period/ tendered cost) shall be considered.

Provided always that provisions of the preceding Clause 10 C shall not be applicable in respect of Materials covered in this Clause.

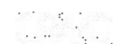
- (ii) If during progress of work or at the time of completion of work, it is noticed that any material brought at site is in excess of requirement, then amount of escalation if paid earlier on such excess quantity of material shall be recovered on the basis of cost indices as applied at the time of payment of escalation or as prevailing at the time of effecting recovery, whichever is higher.
- (iii) Cement mentioned wherever in this clause includes Cement component used in RMC brought at site from outside approved RMC plants, if any.
- (iv) The date wise record of ready mix concrete shall be kept in a register and the cement consumption for the same shall be calculated accordingly.
- (v) If built-up steel items are brought at site from workshop, then the variation shall be paid for the structural steel up to the period when the built-up item/finished product is brought at site.

## CLAUSE 10 CC

**Payment due to Increase/Decrease in Prices/Wages (exculding materials covered under clause 10 CA) after Receipt of Tender for Works**

If the prices of materials (not being materials supplied or services rendered at fixed prices by IIM Raipur in accordance with clause 10 & 34 thereof) and/or wages of labour required for execution of the work increase, the contractor shall be compensated for such increase as per provisions detailed below and the amount of the contract shall accordingly be varied, subject to the condition that that such compensation for escalation in prices and wages shall be available only for the work done during the stipulated period of the contract including the justified period extended under the provisions of clause 5 of the contract without any action under clause 2. However, for the work done during the justified period extended as above, the compensation as detailed below will be limited to prices/wages prevailing at the time of updated stipulated date of completion considering the effect of extra work (extra time to be calculated on pro-rata basis only as cost of extra work x stipulated period/tendered cost). No such compensation shall be payable for a work for which the stipulated period of completion is equal to or less than the time as specified in Schedule F. Such compensation for escalation in the prices of materials and labour, when due, shall be worked out based on the following provisions: -

- (i) The base date for working out such escalation shall be the last stipulated date of receipt of tenders including extension, if any.



(ii) The cost of work on which escalation will be payable shall be reckoned as below :

- (a) Gross value of work done up to this quarter : (A)
- (b) Gross value of work done up to the last quarter : (B)
- (c) Gross value of work done since previous quarter (A-B) (C)
- (d) Full assessed value of Secured Advance (excluding materials Covered under Clause 10 CA) fresh paid in this quarter : (D)
- (e) Full assessed value of Secured Advance (excluding materials Covered under Clause 10 CA) recovered in this quarter : (E)
- (f) Full assessed value of Secured Advance for which escalation Payable in this quarter (D-E): (F)
- (g) Advance payment made during this quarter: (G)
- (h) Advance payment recovered during this quarter: (H)
- (i) Advance payment for which escalation is payable in this Quarter(G-H): (I)
- (j) Extra items/deviated quantities of items paid as per Clause 12 Based on prevailing market rates during this quarter: (J)

Then,  $M = C+F+I-J$

$N = 0.85 M$

- (k) Less cost of material supplied by IIM Raipur as per Clause 10 and recovered during the quarter (K)
- (l) Less cost of services rendered at fixed charges as per Clause 34 and recovered during the quarter (L)

**Cost of work for which escalation is applicable:**

$$W = N - (K + L)$$

- (iii) Components for materials (except cement, reinforcement bars, structural steel, POL or other materials covered under clause 10 CA) labour, etc. shall be pre-determined for every work and incorporated in the conditions of contract attached to the tender papers included in Schedule 'F'. The decision of the Engineer-in-Charge in working out such percentage shall be binding on the contractors.
- (iv) The compensation for escalation for other materials (excluding cement, reinforcement bars, structural steel, POL or other materials covered under clause 10 CA) shall be worked as per the formula given below:-
  - (a) Adjustment for civil component (except cement, structural steel, reinforcement bars, POL and other materials covered under clause 10CA) / electrical component of construction 'Materials'

$$V_M = W \times \frac{X_m}{100} \times \frac{MI - M_o}{MI_o}$$

$V_m$  = Variation in material cost i.e. increase or decrease in the amount in rupees to be paid or recovered.

$W$  = Cost of Work done worked out as indicated in sub-para (ii) of Clause 10CC.

$X_m$  = Component of 'materials' (except cement, structural steel, reinforcement bars POL and other materials covered under clause 10CA) expressed as percent of the total value of work.

$MI$  = All India Wholesale Price Index for civil component/electrical component\* of construction material as worked out on the basis of All India Wholesale



Price Index for Individual Commodities/ Group Items for the period under consideration as published by Economic Advisor to Govt. of India, Ministry of Industry & Commerce and applying weightages to the Individual Commodities/Group Items. (In respect of the justified period extended under the provisions of clause 5 of the contract without any action under clause 2, the index prevailing at the time of updated stipulated date of completion considering the effect of extra work (extra time to be calculated on prorata basis only as cost of extra work x stipulated period/tendered cost, shall be considered.)

$MI_0$  = All India Wholesale Price Index for civil component/electrical component\* of construction material as worked out on the basis of All India Wholesale Price Index for Individual Commodities/Group Items valid on the last stipulated date of receipt of tender including extension, if any, as published by the Economic Advisor to Govt. of India, Ministry of Industry & Commerce and applying weightages to the Individual Commodities/Group items.

**\*Note:** relevant component only will be applicable.

- (v) The following principles shall be followed while working out the indices mentioned in para (iv) above.
  - (a) The compensation for escalation shall be worked out at quarterly intervals and shall be with respect to the cost of work done as per bills paid during the three calendar months of the said quarter. The dates of preparation of bills as finally entered in the Measurement Book by the Assistant Engineer/ date of submission of bill finally by the contractor to IIM Raipur in case of Computerised measurement books shall be the guiding factor to decide the bills relevant to the quarterly interval. The first such payment shall be made at the end of three months after the month (excluding the month in which tender was accepted) and thereafter at three months' interval. At the time of completion of the work, the last period for payment might become less than 3 months, depending on the actual date of completion.
  - (b) The index (MI/FI etc.) relevant to any quarter/period for which such compensation is paid shall be the arithmetical average of the indices relevant to the three calendar months. If the period up to date of completion after the quarter covered by the last such installment of payment, is less than three months, the index MI and FI shall be the average of the indices for the months falling within that period.
- (vi) The compensation for escalation for labour shall be worked out as per the formula given below: -

$$VL = W \times \frac{Y}{100} \times \frac{LI - LI_0}{LI_0}$$

- VL : Variation in labour cost i.e. amount of increase or decrease in rupees to be paid or recovered.
- W : Value of work done, worked out as indicated in sub-para (ii) above.
- Y : Component of labour expressed as a percentage of the total value of the work.
- LI : Minimum wage in rupees of an unskilled adult male mazdoor, fixed under any law, statutory rule or order as applicable on the last date of the quarter previous to the one under consideration. (In respect of the justified period extended under the provisions of clause 5 of the contract without any action under clause 2, the minimum wage prevailing on the last date

of quarter previous to the quarter pertaining to updated stipulated date of Completion considering the effect of extra work (extra time to be calculated on prorata basis only as cost of extra work x stipulated period/tendered cost, shall be considered.)

L<sub>0</sub> : Minimum daily wage in rupees of an unskilled adult male mazdoor, fixed under any law, statutory rule or order as on the last stipulated date of receipt of tender including extension, if any.

(vii) The following principles will be followed while working out the compensation as per sub-para (vi) above.

(a) The minimum wage of an unskilled male mazdoor mentioned in sub-para (vi) above shall be the higher of the wage notified by Government of India, Ministry of Labour and that notified by the local administration both relevant to the place of work and the period of reckoning.

(b) The escalation for labour also shall be paid at the same quarterly intervals when escalation due to increase in cost of materials is paid under this clause. If such revision of minimum wages takes place during any such quarterly intervals, the escalation compensation shall be payable at revised rates only for work done in subsequent quarters;

(c) Irrespective of variations in minimum wages of any category of labour, for the purpose of this clause, the variation in the rate for an unskilled adult male mazdoor alone shall form the basis for working out the escalation compensation payable on the labour component.

(viii) In the event the price of materials and/or wages of labour required for execution of the work decrease/s, there shall be a downward adjustment of the cost of work so that such price of materials and/or wages of labour shall be deductible from the cost of work under this contract and in this regard the formula herein before stated under this Clause 10CC shall mutatis mutandis apply, provided that:

(a) no such adjustment for the decrease in the price of materials and/or wages of labour aforementioned would be made in case of contracts in which the stipulated period of completion of the work is equal to or less than the time as specified in Schedule 'F'.

(b) the Engineer-in-Charge shall otherwise be entitled to lay down the procedure by which the provision of this sub-clause shall be implemented from time to time and the decision of the Engineer-in-Charge in this behalf shall be final and binding on the contractor.

(ix) Provided always that: -

(a) Where provisions of clause 10CC are applicable, provisions of clause 10C will not be applicable but provisions of clause 10CA will be applicable.

(b) Where provisions of clause 10CC are not applicable, provisions of clause 10C and 10CA will become applicable.

**Note:** Updated stipulated date of completion (period of completion plus extra time for extra work for compensation under clause 10C, 10CA and 10CC, the factor of 1.25 taken into account for calculating the extra time under clause 12.1 for extra time shall not be considered while calculating the updated stipulated date of completion for this purpose in clause 10C, clause 10CA, and clause 10CC.

## CLAUSE 10 D

The contractor shall treat all materials obtained during dismantling of a structure, excavation of the site for a work, etc. as IIM Raipur's property and such materials shall be disposed off to the best advantage of IIM Raipur according to the instructions in writing issued by the Engineer-in-Charge.

Dismantled  
Material IIM  
Raipur  
Property

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## 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 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 :

**Deviations/ Variations 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 any other reasons and the contractor shall be bound to carry out the works in accordance with any instructions 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 shall not exceed 1.25 times of Tendered amount.

**12.1** The time for completion of the works shall, in the event of any deviations resulting in additional cost over the tendered value sum being ordered, 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 A.** For Project and original works:

**Deviation, Extra Items and Pricing**

In the case of extra item(s) (items that are completely new, and are in addition to the items contained in the contract), the contractor may within fifteen days of receipt of order or occurrence of the item(s) claim rates, supported by proper analysis, which shall include invoices, vouchers etc. and Manufacturer's specification for the work failing which the rate approved later by the Engineer-in-charge shall be binding and the engineer-in-charge shall within prescribed time limit of the receipt of the claims supported by analysis, after giving consideration to the analysis of the rates 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 failing which it will be deemed to have been approved.

- B. For Maintenance works including works of upgradation, aesthetic, special repair, addition/ alteration:

In the case of Extra Item(s) being the schedule items (Delhi Schedule of Rates items), these shall be paid as per the schedule rate plus cost index (at the time of tender) plus/minus percentage above/ below quoted contract amount.

Payment of Extra items in case of non-schedule items (Non-DSR items) shall be made as per the prevailing market rate.

- A. For Project and original works:

In the case of substituted items (items that are taken up with partial substitution or in lieu of items of work in the contract), the rate for the agreement item (to be substituted) and substituted item shall also be determined in the manner as mentioned in the following para.

- (a) If the market rate for the substituted item so determined is more than the market rate of the agreement item (to be substituted), the rate payable to the contractor for the substituted item shall be the rate for the agreement item (to be substituted) so increased to the extent of the difference between the market rates of substituted item and the agreement item (to be substituted).
- (b) If the market rate for the substituted item so determined is less than the market rate of the agreement item (to be substituted), the rate payable to the contractor for the substituted item shall be the rate for the agreement item (to be substituted) so decreased to the extent of the difference between the market rates of substituted item and the agreement item (to be substituted).

- B. For Maintenance works including works of up gradation, aesthetic, special repair, addition/ alteration:

In the case of Substitute Item(s) being the schedule items (Delhi Schedule of Rates items), these shall be paid as per the schedule rate plus cost index (at the time of tender) plus/minus percentage above/ below quoted contract amount. Payment of Substitute in case of non-schedule items (Non-DSR items) shall be made as per the prevailing market rate.

- A. For Project and original works:

In the case of contract items, substituted items, contract cum substituted items, which exceed the limits laid down in schedule F, the contractor may within fifteen days of receipt of order or occurrence of the excess, claim revision of the rates, supported by proper analysis for the work in excess of the above mentioned limits, provided that if the rates so claimed are in excess of the rates specified in the schedule of quantities, the Engineer-in-Charge shall within prescribed time limit of receipt of the claims supported by analysis, after giving consideration to the analysis of the rates 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.

- B. For Maintenance works including works of up gradation, aesthetic, special repair, addition/ alteration:

In the case of contract items, which exceed the limits laid down in schedule F, the contractor shall be paid rates specified in the schedule of quantities.

**Deviation,  
Substituted Items,  
Pricing**

**Deviation,  
Deviated Quantities,  
Pricing**

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The prescribed time limits for finalizing rates for Extra Item(s), Substitute Item(s) and Deviated Quantities of contract items is 30 days after submission of proposal by the contractor without observation of the Engineer-in-Charge.

**12.3 A.** For Project and original works:

The provisions of the preceding paragraph shall also apply to the decrease in the rates of items for the work in excess of the limits laid down in Schedule F, and the Engineer-in-Charge shall after giving notice to the contractor within one month of occurrence of the excess and after taking into consideration any reply received from him within fifteen days of the receipt of the notice, revise the rates for the work in question within one month of the expiry of the said period of fifteen days having regard to the market rates.

**B.** For Maintenance works including works of up gradation, aesthetic, special repair, addition/ alteration:

In case of decrease in the rates prevailing in the market of items for the work in excess of the limits laid down in Schedule F, the Engineer-in-Charge shall after giving notice to the contractor within one month of occurrence of the excess and after taking into consideration any reply received from him within fifteen days of the receipt of the notice, revise the rates for the work in question within one month of the expiry of the said period of fifteen days having regard to the market rates.

**12.4** The contractor shall send to the Engineer-in-Charge once every three months, an up to date account giving complete details of all claims for additional payments to which the contractor may consider himself entitled and of all additional work ordered by the Engineer-in-Charge which he has executed during the preceding quarter failing which the contractor shall be deemed to have waived his right. However, the Engineer-in-Charge may authorise consideration of such claims on merits.

**12.5** For the purpose of operation of Schedule “F”, the following works shall be treated as works relating to foundation unless & otherwise defined in the contract:

- (i) For Buildings: All works up to 1.2 metres above ground level or up to floor 1 level whichever is lower.
- (ii) For abutments, piers and well staining: All works up to 1.2 m above the bed level.
- (iii) For retaining walls, wing walls, compound walls, chimneys, overhead reservoirs/ tanks and other elevated structures: All works up to 1.2 metres above the ground level.
- (iv) For reservoirs/tanks (other than overhead reservoirs/tanks) : All works up to 1.2 metres above the ground level.
- (v) For basement: All works up to 1.2 m above ground level or up to floor 1 level whichever is lower.
- (vi) For Roads, all items of excavation and filling including treatment of sub base.

**12.6** Any operation incidental to or necessarily has to be in contemplation of tenderer while 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.

## Foreclosure of contract due to Abandonment or Reduction in Scope of Work

### CLAUSE 13

If at any time after acceptance of the tender, Engineer-in-charge shall decide to abandon or reduce the scope of the works for any reason whatsoever and hence not require the whole or any part of the works to be carried out, the Engineer-in-Charge shall give notice in writing to that effect to the contractor 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) IIM Raipur 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 IIM Raipur 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 IIM Raipur, 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) If any materials supplied by IIM Raipur are rendered surplus, the same except normal wastage shall be returned by the contractor to IIM Raipur at rates not exceeding those at which these were originally issued, less allowance for any deterioration or damage which may have been caused whilst the materials were in the custody of the contractor. In addition, cost of transporting such materials from site to IIM Raipur stores, if so required by IIM Raipur, shall be paid.
- (iv) 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.
- (v) 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 number 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 IIM Raipur 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 IIM Raipur from the contractor under the terms of the contract.

A compensation for such eventuality, on account of damages etc. shall be payable @ 0.5% of cost of work remaining incomplete on date of closure i.e. total stipulated cost of the work less the cost of work actually executed under the contract shall be payable.

## Carrying out part Clause 14

### 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 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 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.

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 IIM Raipur, 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 IIM Raipur 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 IIM Raipur 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 IIM Raipur in completing the part work/ part incomplete work of any item(s) or the excess loss of damages suffered or may be suffered by IIM Raipur as aforesaid after allowing such credit shall without prejudice to any other right or remedy available to IIM Raipur 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.

## Suspension of Work

### CLAUSE 15

- (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 IIM Raipur or where it affects whole of the works, as an abandonment of the works by IIM Raipur, 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 IIM Raipur, 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.



## Compensation in case of Delay of

### CLAUSE 15 A

## Supply of Material by IIM Raipur

The contractor shall not be entitled to claim any compensation from IIM Raipur for the loss suffered by him on account of delay by IIM Raipur in the supply of materials in schedule 'B' where such delay is covered by the difficulties relating to the supply of wagons, force majeure or any reasonable cause beyond the control of IIM Raipur.

This clause 15 A will not be applicable for works where no material is stipulated.

### 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 IIM Raipur or any organization engaged by IIM Raipur 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 incharge of the work or to the Chief Engineer as specified in Schedule F or his subordinate officers or the officers of the organization engaged by IIM Raipur 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 (except such special materials, if any, as may in accordance with the contract be supplied from the Engineer-in-Charge's stores), 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 18 A

### **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, IIM Raipur is obliged to pay compensation to a workman employed by the contractor, in execution of the works, IIM Raipur will recover from the contractor, the amount of the compensation so paid; and, without prejudice to the rights of IIM Raipur under sub-section (2) of Section 12, of the said Act, IIM Raipur 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 IIM Raipur to the contractor whether under this contract or otherwise. IIM Raipur 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 IIM Raipur full security for all costs for which IIM Raipur might become liable in consequence of contesting such claim.

18A



## CLAUSE 18 B

**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, IIM Raipur 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 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 IIM Raipur Contractors, IIM Raipur 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 IIM Raipur under sub-section(2) of Section 20, and sub-section (4) of Section 21, of the Contract Labour (Regulation and Abolition) Act, 1970, IIM Raipur 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 IIM Raipur to the contractor whether under this contract or otherwise IIM Raipur 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 IIM Raipur full security for all costs for which IIM Raipur might become liable in contesting such claim.

## CLAUSE 19

**Labour Laws to  
be complied by  
the Contractor**

The contractor shall obtain a valid licence under the Contract Labour (R&A) Act, 1970, and the Contract Labour (Regulation and Abolition) Central Rules, 1971, before the commencement of the work, and continue to have a valid license until the completion of the work. The contractor shall also abide by the provisions of the Child 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 fulfil 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 fourteen years shall be employed on the work.

## CLAUSE 19 B

**Payment of Wages**

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 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 GEC Campus, Sejbahar, Raipur 492 015 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 wages 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-fulfilment 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 thereunder from time to time.

(vi) The contractor shall indemnify and keep indemnified IIM Raipur against payments to be made under and for the observance of the laws aforesaid and the 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 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 of Rs.200/- 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 yours,
- (3) the wages paid to them,
- (4) the accidents that occurred during the said fortnight 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 IIM Raipur, a sum not exceeding Rs.200/- for each default or materially incorrect statement. The decision of the Engineer-in-Charge 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 Indian Institute of Management, Raipur and its contractors.

## CLAUSE 19 F

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 19 G**

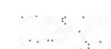
In the event of the contractor(s) committing a default or breach of any of the provisions of the Indian Institute of Management, Raipur, Contractor's Labour Regulations and Model Rules for the protection of health and sanitary arrangements for the workers as amended from time to time or furnishing any 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 IIM Raipur a sum not exceeding Rs.200/- 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 per cent 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 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 to 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 19 H**

The contractor(s) shall at his/their own cost provide his/their labour with a sufficient number of huts (hereinafter referred to as the camp) of the following specifications on a suitable plot of land to be approved by the Engineer-in-Charge.

- (i) (a) The minimum height of each hut at the eaves level shall be 2.10m (7 ft.) and the floor area to be provided will be at the rate of 2.7 sq.m. (30 sq.ft.) for each member of the worker's family staying with the labourer.
- (b) The contractor(s) shall in addition construct suitable cooking places having a minimum area of 1.80m x 1.50m (6'x5') adjacent to the hut for each family.
- (c) The contractor(s) shall also construct temporary latrines and urinals for the use of the labourers each on the scale of not less than four per each one hundred of the total strength, separate latrines and urinals being provided for women.
- (d) The contractor(s) shall construct sufficient number of bathing and washing places, one unit for every 25 persons residing in the camp. These bathing and washing places shall be suitably screened.



- (ii) (a) All the huts shall have walls of sun-dried or burnt-bricks laid in mud mortar or other suitable local materials as may be approved by the Engineer-in-Charge. In case of sun-dried bricks, the walls should be plastered with mud gobi on both sides. The floor may be kutcha but plastered with mud gobi and shall be at least 15 cm (6") above the surrounding ground. The roofs shall be laid with thatch or any other materials as may be approved by the Engineer-in-Charge and the contractor shall ensure that throughout the period of their occupation, the roofs remain water-tight.
- (b) The contractor(s) shall provide each hut with proper ventilation.
- (c) All doors, windows, and ventilators shall be provided with suitable leaves for security purposes.
- (d) There shall be kept an open space of at least 7.2m (8 yards) between the rows of huts which may be reduced to 6m (20 ft.) according to the availability of site with the approval of the Engineer-in-Charge. Back to back construction will be allowed.
- (iii) **Water Supply** - The contractor(s) shall provide adequate supply of water for the use of labourers. The provisions shall not be less than two gallons of pure and wholesome water per head per day for drinking purposes and three gallons of clean water per head per day for bathing and washing purposes. Where piped water supply is available, supply shall be at stand posts and where the supply is from wells or river, tanks which may be of metal or masonry, shall be provided. The contractor(s) shall also at his/ their own cost make arrangements for laying pipe lines for water supply to his/ their labour camp from the existing mains wherever available, and shall pay all fees and charges therefore.
- (iv) The site selected for the camp shall be high ground, removed from jungle.
- (v) **Disposal of Excreta** - The contractor(s) shall make necessary arrangements for the disposal of excreta from the latrines by trenching or incineration which shall be according to the requirements laid down by the Local Health Authorities. If trenching or incineration is not allowed, the contractor(s) shall make arrangements for the removal of the excreta through the Municipal Committee/authority and inform it about the number of labourers employed so that arrangements may be made by such Committee/authority for the removal of the excreta. All charges on this account shall be borne by the contractor and paid direct by him to the Municipality/authority. The contractor shall provide one sweeper for every eight seats in case of dry system.
- (vi) **Drainage** - The contractor(s) shall provide efficient arrangements for draining away sullage water so as to keep the camp neat and tidy.
- (vii) The contractor(s) shall make necessary arrangements for keeping the camp area sufficiently lighted to avoid accidents to the workers.
- (viii) **Sanitation** - The contractor(s) shall make arrangements for conservancy and sanitation in the labour camps according to the rules of the Local Public Health and Medical Authorities.

## 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. AE/JE will display a list of contractors working in the colony/Blocks on the notice board in the colony and also at the service centre, to apprise the residents about the same.

19.1

## CLAUSE 19J

It shall be the responsibility of the contractor to see that the building under construction is not occupied by anybody unauthorizedly 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 Engineer-in-Charge whose decision shall be final both with regard to the justification and quantum and be binding on the contractor.

However, the Engineer-in-Charge, through a notice, may require the contractor to remove the illegal occupation any time on or before construction and delivery.

## CLAUSE 19K

**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 of Rs. 100 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.

## CLAUSE 19L

**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 not be reimbursed.

## CLAUSE 20

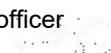
**Minimum Wages Act to be Complied with**

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 thereunder 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 insolvency**

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 IIM Raipur 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 IIM Raipur shall have power to adopt the course specified in Clause 3 hereof in the interest of IIM Raipur 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 IIM Raipur 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**

All works to be executed under the contract shall be executed under the direction and subject to the approval in all respects of the Engineer-in-Charge who shall be entitled to direct at what point or points and in what manner they are to be commenced, and from time to time carried on.

## **CLAUSE 25**

### **Settlement of Disputes & Arbitration**

Except where otherwise provided in the contract, all questions and disputes relating to the meaning of the specifications, design, drawings and instructions here-in before mentioned and as to the quality of workmanship or materials used on 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 these conditions 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:

- (i) If either party considers any work demanded of or denied to it to be outside the requirements of the contract, or disputes any drawings, record or decision given in writing by the Engineer-in-Charge or contractor on any matter in connection with or arising out of the contract or carrying out of the work, to be unacceptable, it shall promptly within 15 days request the Dispute Redressal Committee (DRC) along with a list of disputes with amounts claimed in respect of each such dispute. The Dispute Redressal Committee (DRC) shall give the opposing party two weeks for a written response, and, holding not more than three hearings give its decision within a period of 60 days from the receipt of appeal from either party. The constitution of Dispute Redressal Committee (DRC) shall be as indicated in Schedule 'F'. If the Dispute Redressal Committee (DRC) fails to give its decision within the aforesaid period or any party is dissatisfied with the decision of Dispute Redressal Committee (DRC), then either party may within a period of 30 days from the receipt of the decision of Dispute Redressal Committee (DRC), give notice to the Chief Engineer for appointment of arbitrator on prescribed proforma as per Appendix XV, failing which the said decision shall be final binding and conclusive and not referable to adjudication by the arbitrator. It is a term of contract that each party invoking arbitration must exhaust the aforesaid mechanism of settlement of claims/disputes prior to invoking arbitration.

- (ii) Except where the decision has become final, binding and conclusive in terms of Sub Para (i) above, disputes or difference shall be referred for adjudication through arbitration by a sole arbitrator appointed by the Chief Engineer, in charge of the work or if there be no Chief Engineer, the Additional Director General of the concerned region of CPWD or if there be no Additional Director General, the Director General, CPWD. If the arbitrator so appointed is unable or unwilling to act or resigns his appointment or vacates his office due to any reason whatsoever, another sole arbitrator shall be appointed in the manner aforesaid. Such person shall be entitled to proceed with the reference from the stage at which it was left by his predecessor.

It is a term of this contract that the party invoking arbitration shall give a list of disputes with amounts claimed in respect of each such dispute along with the notice for appointment of arbitrator and giving reference to the rejection by the Chief Engineer of the appeal.


It is also a term of this contract that no person, other than a person appointed by such Chief Engineer or Additional Director General or Director General, CPWD, as aforesaid, should act as arbitrator and if for any reason that is not possible, the matter shall not be referred to arbitration at all.

It is also a term of this contract that if the contractor does not make any demand for appointment of arbitrator in respect of any claims in writing as aforesaid within 3 Years of receiving the intimation from the Engineer-in-charge that the final bill is ready for payment, the claim of the contractor shall be deemed to have been waived and absolutely barred and IIM Raipur shall be discharged and released of all liabilities under the contract in respect of these claims.

The arbitration shall be conducted in accordance with the provisions of the Arbitration and Conciliation Act, 1996 (26 of 1996) or any statutory modifications or re-enactment thereof and the rules made thereunder and for the time being in force shall apply to the arbitration proceeding under this clause.

It is also a term of this contract that the arbitrator shall adjudicate on only such disputes as are referred to him by the appointing authority and give separate award against each dispute and claim referred to him and in all cases where the total amount of the claims by any party exceeds Rs. 1,00,000/-, the arbitrator shall give reasons for the award.

It is also a term of the contract that if any fees are payable to the arbitrator, these shall be paid equally by both the parties.





It is also a term of the contract that the arbitrator shall be deemed to have entered on the reference on the date he issues notice to both the parties calling them to submit their statement of claims and counter statement of claims. The venue of the arbitration shall be such place as may be fixed by the arbitrator in his sole discretion. The fees, if any, of the arbitrator shall, if required to be paid before the award is made and published, be paid half and half by each of the parties. The cost of the reference and of the award (including the fees, if any, of the arbitrator) shall be in the discretion of the arbitrator who may direct to any by whom and in what manner, such costs or any part thereof shall be paid and fix or settle the amount of costs to be so paid.

## CLAUSE 26

**Contractor to indemnify IIM Raipur against Patent Rights**

The contractor shall fully indemnify and keep indemnified the IIM Raipur 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 IIM Raipur 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 IIM Raipur 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-in-Charge 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-in-Charge 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 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 IIM Raipur 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 IIM Raipur 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 finalisation 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 IIM Raipur 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 IIM Raipur 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 IIM Raipur will be kept withheld or retained as such by the Engineer-in-Charge or IIM Raipur 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 IIM Raipur 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) IIM Raipur 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 IIM Raipur 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 IIM Raipur to the contractor, without any interest thereon whatsoever.

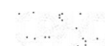
Provided that IIM Raipur shall not be entitled to recover any sum overpaid, nor the contractor shall be entitled to payment of any sum paid short where such payment has been agreed upon between the Engineer-in-Charge on the one hand and the contractor on the other under any term of the contract permitting payment for work after assessment by the Engineer-in-Charge.

## 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 IIM Raipur or any other contracting person or persons through Engineer-in-Charge against any claim of the Engineer-in-Charge or IIM Raipur 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 IIM Raipur 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 IIM Raipur will be kept withheld or retained as such by the Engineer-in-Charge or IIM Raipur 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.



**Employment of coal mining or controlled area labour not permissible**

## CLAUSE 30

The contractor shall not employ coal mining or controlled area labour falling under any category whatsoever on or in connection with the work or recruit labour from area within a radius of 32 km (20 miles) of the controlled area. Subject as above the contractor shall employ imported labour only i.e., deposit imported labour or labour imported by contractors from area, from which import is permitted.

Where ceiling price for imported labour has been fixed by State or Regional Labour Committees not more than that ceiling price shall be paid to the labour by the contractor.

The contractor shall immediately remove any labourer who may be pointed out by the Engineer-in-Charge as being a coal mining or controlled area labourer. Failure to do so shall render the contractor liable to pay to IIM Raipur a sum calculated at the rate of Rs.10/- per day per labourer. The certificate of the Engineer-in-Charge about the number of coal mining or controlled area labourer and the number of days for which they worked shall be final and binding upon all parties to this contract.

It is declared and agreed between the parties that the aforesaid stipulation in this clause is one in which the public are interested within the meaning of the exception in Section 74 of Indian Contract Act, 1872.

**Explanation:-** Controlled Area means the following areas:

Districts of Dhanbad, Hazaribagh, Jamtara - a Sub-Division under Santhal Pargana Commissionery, Districts of Bankura, Birbhum, Burdwan, District of Bilaspur.

Any other area which may be declared a Controlled Area by or with the approval of the Central Government.

**Unfiltered water supply**

## CLAUSE 31

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.

**Departmental water supply, if available**

## CLAUSE 31 A

Water if available may be supplied to the contractor by the IIM Raipur subject to the following conditions: -

- (i) The water charges @ 1 % shall be recovered on gross amount of the work done.
- (ii) The contractor(s) shall make his/their own arrangement of water connection and laying of pipelines from existing main of source of supply.
- (iii) IIM Raipur do not guarantee to maintain uninterrupted supply of water and it will be incumbent on the contractor(s) to make alternative arrangements for water at his/ their own cost in the event of any temporary break down in IIM Raipur water main so that the progress of his/their work is not held up for want of water. No claim of damage or refund of water charges will be entertained on account of such break down.



## Alternate water arrangements

### CLAUSE 32

- (i) Where there is no piped water supply arrangement and the water is taken by the contractor from the wells or hand pump constructed by IIM Raipur, no charge shall be recovered from the contractor on that account. The contractor shall, however, draw water at such hours of the day that it does not interfere with the normal use for which the hand pumps and wells are intended. He will also be responsible for all damage and abnormal repairs arising out of his use, the cost of which shall be recoverable from him. The Engineer-in-Charge shall be the final authority to determine the cost recoverable from the contractor on this account and his decision shall be binding on the contractor.
- (ii) The contractor shall be allowed to construct temporary wells in IIM Raipur land for taking water for construction purposes only after he has got permission of the Engineer-in-Charge in writing. No charges shall be recovered from the contractor on this account, but the contractor shall be required to provide necessary safety arrangements to avoid any accidents or damage to adjacent buildings, roads and service lines. He shall be responsible for any accidents or damage caused due to construction and subsequent maintenance of the wells and shall restore the ground to its original condition after the wells are dismantled on completion of the work.

## Return of Surplus materials

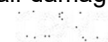
### CLAUSE 33

Notwithstanding anything contained to the contrary in this contract, where any materials for the execution of the contract are procured with the assistance of IIM Raipur either by issue from IIM Raipur stocks or purchase made under orders or permits or licences issued by IIM Raipur, the contractor shall hold the said materials economically and solely for the purpose of the contract and not dispose of them without the written permission of IIM Raipur and return, if required by the Engineer-in-Charge, all surplus or unserviceable materials that may be left with him after the completion of the contract or at its termination for any reason whatsoever on being paid or credited such price as the Engineer-in-Charge shall determine having due regard to the condition of the materials. The price allowed to the contractor however shall not exceed the amount charged to him excluding the element of storage charges. The decision of the Engineer-in-Charge shall be final and conclusive. In the event of breach of the aforesaid condition, the contractor shall in addition to throwing himself open to action for contravention of the terms of the licence or permit and/or for criminal breach of trust, be liable to IIM Raipur for all moneys, advantages or profits resulting or which in the usual course would have resulted to him by reason of such breach.

## Hire of Plant & Machinery

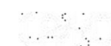
### CLAUSE 34

- (i) 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 except for the Plant & Machinery listed in Schedule 'C' and stipulated for issue to the contractor. If the contractor requires any item of T&P on hire from the T&P available with IIM Raipur over and above the T&P stipulated for issue, IIM Raipur will, if such item is available, hire it to the contractor at rates to be agreed upon between him and the Engineer-in-Charge. In such a case, all the conditions hereunder for issue of T&P shall also be applicable to such T&P as is agreed to be issued.
- (ii) Plant and Machinery when supplied on hire charges shown in Schedule 'C' shall be made over and taken back at the departmental equipment yard/shed shown in Schedule 'C' and the contractor shall bear the cost of carriage from the place of issue to the site of work and back. The contractor shall be responsible to return the plant and machinery with condition in which it was handed over to him, and he shall be responsible for all damage caused to the said plant and machinery at the site of work or elsewhere in



operation and otherwise during transit including damage to or loss of plant and for all losses due to his failure to return the same soon after the completion of the work for which it was issued. The Divisional Engineer shall be the sole judge to determine the liability of the contractor and its extent in this regard and his decision shall be final and binding on the contractor.

- (iii) The plant and machinery as stipulated above will be issued as and when available and if required by the contractor. The contractor shall arrange his programme of work according to the availability of the plant and machinery and no claim, whatsoever, will be entertained from him for any delay in supply by IIM Raipur.
- (iv) The hire charges shall be recovered at the prescribed rates from and inclusive of the date the plant and machinery made over upto and inclusive of the date of the return in good order even though the same may not have been working for any cause except major breakdown due to no fault of the contractor or faulty use requiring more than three working days continuously (excluding intervening holidays and Sundays) for bringing the plant in order. The contractor shall immediately intimate in writing to the Engineer-in-Charge when any plant or machinery gets out of order requiring major repairs as aforesaid. The Engineer-in-Charge shall record the date and time of receipt of such intimation in the log sheet of the plant or machinery. Based on this if the breakdown before lunch period or major breakdown will be computed considering half a day's breakdown on the day of complaint. If the breakdown occurs in the post lunch period of major breakdown will be computed starting from the next working day. In case of any dispute under this clause, the decision of the Engineer-in-Charge shall be final and binding on the contractor.
- (v) The hire charges shown above are for each day of 8 hours (inclusive of the one-hour lunch break) or part thereof.
- (vi) Hire charges will include service of operating staff as required and also supply of lubricating oil and stores for cleaning purposes. Power fuel of approved type, firewood, kerosene oil etc. for running the plant and machinery and also the full time chowkidar for guarding the plant and machinery against any loss or damage shall be arranged by the contractor who shall be fully responsible for the safeguard and security of plant and machinery. The contractor shall on or before the supply of plant and machinery sign an agreement indemnifying IIM Raipur against any loss or damage caused to the plant and machinery either during transit or at site of work.
- (vii) Ordinarily, no plant and machinery shall work for more than 8 hours a day inclusive of one-hour lunch break. In case of an urgent work however, the Engineer-in-Charge may, at his discretion, allow the plant and machinery to be worked for more than normal period of 8 hours a day. In that case, the hourly hire charges for overtime to be borne by the contractor shall be 50% more than the normal proportionate hourly charges (1/8th of the daily charges) subject to a minimum of half day's normal charges on any particular day. For working out hire charges for over time, a period of half an hour and above will be charged as one hour and a period of less than half an hour will be ignored.
- (viii) The contractor shall release the plant and machinery every seventh day for periodical servicing and/or wash out which may take about three to four hours or more. Hire charges for full day shall be recovered from the contractor for the day of servicing/ wash out irrespective of the period employed in servicing.
- (ix) The plant and machinery once issued to the contractor shall not be returned by him on account of lack of arrangements of labour and materials, etc. on his part, the same will be returned only when they are required for major repairs or when in the opinion of the Engineer-in-Charge, the work or a portion of work for which the same was issued is completed.



- (x) Log Book for recording the hours of daily work for each of the plant and machinery supplied to the contractor will be maintained by IIM Raipur and will be countersigned by the contractor or his authorized agent daily. In case the contractor contests the correctness of the entries and/or fails to sign the Log Book, the decision of the Engineer-in-Charge shall be final and binding on him. Hire charges will be calculated according to the entries in the Log Book and will be binding on the contractor. Recovery on account of hire charges for road rollers shall be made for the minimum number of days worked out on the assumption that a roller can consolidate per day and maximum quantity of materials or area surfacing as noted against each in the annexed statement (see attached annexure).
- (xi) In the case of concrete mixers, the contractors shall arrange to get the hopper cleaned and the drum washed at the close of the work each day or each occasion.
  - (a) In case rollers for consolidation are employed by the contractor himself, log book for such rollers shall be maintained in the same manner as is done in case of departmental rollers, maximum quantity of any items to be consolidated for each roller-day shall also be same as in Annexure to Clause 34(x). For less use of rollers, recovery for the less roller days shall be made at the stipulated issue rate.
- (xii) The contractor shall be responsible to return the plant and machinery in the condition in which it was handed over to him and he shall be responsible for all damage caused to the said plant and machinery at the site of work or elsewhere in operation or otherwise or during transit including damage to or loss of parts, and for all losses due to his failure to return the same soon after the completion of the work for which it was issued. The Divisional Engineer shall be the sole judge to determine the liability of the contractor and its extent in this regard and his decision shall be final and binding on the contractor.
- (xiii) The contractor will be exempted from levy of any hire charges for the number of days he is called upon in writing by the Engineer-in-Charge to suspend execution of the work, provided IIM Raipur plant and machinery in question have, in fact, remained idle with the contractor because of the suspension
- (xiv) In the event of the contractor not requiring any item of plant and machinery issued by IIM Raipur though not stipulated for issue in Schedule 'C' any time after taking delivery at the place of issue, he may return it after two days written notice or at any time without notice if he agrees to pay hire charges for two additional days without, in any way, affecting the right of the Engineer-in-Charge to use the said plant and machinery during the said period of two days as he likes including hiring out to a third party.

## CLAUSE 35

**Condition relating to use of asphaltic materials**

- (i) The contractor undertakes to make arrangement for the supervision of the work by the firm supplying the tar or bitumen used.
- (ii) The contractor shall collect the total quantity of tar or bitumen required for the work as per standard formula, before the process of painting is started and shall hypothecate it to the Engineer-in-Charge. If any bitumen or tar remains unused on completion of the work on account of lesser use of materials in actual execution for reasons other than authorized changes of specifications and abandonment of portion of work, a corresponding deduction equivalent to the cost of unused materials as determined by the Engineer-in-Charge shall be made and the material return to the contractors. Although the materials are hypothecated to IIM Raipur, the contractor undertakes the responsibility for their proper watch, safe custody and protection against all risks. The materials shall not be removed from site of work without the consent of the Engineer-in-Charge in writing.

*[Signature]*



- (iii) The contractor shall be responsible for rectifying defects noticed within a year from the date of completion of the work and the portion of the security deposit relating to asphaltic work shall be refunded after the expiry of this period.

## **CLAUSE 36 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'. 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.

## **CLAUSE 37** **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 IIM RAIPUR 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 IIM Raipur 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 IIM Raipur 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 38** **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. increases 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 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 IIM Raipur 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, 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 39

**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 IIM Raipur shall have the option of terminating the contract without compensation to the contractor.

## CLAUSE 40

**If relative working in IIM Raipur then the contractor not allowed to tender**

The contractor shall not be permitted to tender for works in the IIM Raipur 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 IIM Raipur. Any breach of this condition by the contractor would render him liable to be removed from the approved list of contractors of IIM Raipur. If however the contractor is registered in any other department, he shall be debarred from tendering in IIM Raipur for any breach of this condition.

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

## CLAUSE 41


**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 42

**Return of material & recovery for excess material issued.**

- (i) After completion of the work and also at any intermediate stage in the event of nonreconciliation of materials issued, consumed and in balance - (see Clause 10), theoretical quantity of materials issued by IIM Raipur for use 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 issues 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.
- (ii) Over the theoretical quantities of materials so computed a variation shall be allowed as specified in Schedule 'F'. The difference in the net quantities of material actually issued to the contractor and the theoretical quantities including such authorized variation, if not returned by the contractor or if not fully reconciled to the satisfaction of the Engineer-in-Charge within fifteen days of the issue of written notice by the Engineer-in-charge to this effect shall be recovered at the rates specified in Schedule 'F', without prejudice to the provision of the relevant conditions regarding return of materials governing the contract. Decision of Engineer-in-Charge in regard to theoretical quantities of materials, which should have been actually used as per the Annexure of the standard schedule of rates and recovery at rates specified in Schedule 'F', shall be final & binding on the contractor.

For non-scheduled items, the decision of the Engineer-in-Charge regarding theoretical quantities of materials which should have been actually used, shall be final and binding on the contractor.
- (iii) The said action under this clause is without prejudice to the right of IIM Raipur to take action against the contractor under any other conditions of contract for not doing the work according to the prescribed specifications.

## Compensation during warlike situations

### CLAUSE 43

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 Engineer-in-Charge upto Rs.5,000/- and by the Engineer-in-Charge 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. 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 Engineer-in-Charge.

## CLAUSE 44

**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 thereunder from time to time. If he fails to do so, his failure will be a breach of the contract and the Engineer-in-Charge 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 45

**Release of Security deposit after labour clearance**

Release of Security Deposit of the work shall not be refunded till the contractor produces a clearance deposit after labour certificate from the Labour Officer. As soon as the work is virtually complete the contractor shall apply for the clearance certificate to the Labour Officer under intimation to the Engineer-in-Charge. The Engineer-in-Charge, on receipt of the said communication, shall write to the Labour Officer to intimate if any complaint is pending against the contractor in respect of the work. If no complaint is pending, on record till after 3 months after completion of the work and/or no communication is received from the Labour Officer to this effect till six months after the date of completion, it will be deemed to have received the clearance certificate and the Security Deposit will be released if otherwise due.

## INTEGRITY PACT

To,

.....,  
.....,  
.....

Sub: NIT No. .... for the work .....

Dear Sir,

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

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

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

Yours faithfully

IIM Raipur



---

**INTEGRITY PACT**

To,

IIM Raipur,

.....,

.....

Sub: Submission of Tender for the work of .....

Dear Sir,

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


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

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

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

Yours faithfully

(Duly authorized signatory of the Bidder)



**To be signed by the bidder and same signatory competent / authorized to sign the relevant contract on behalf of IIM Raipur.**

## INTEGRITY AGREEMENT

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

### BETWEEN

IIM Raipur represented through Director, IIM Raipur

(Name of Division)

IIM Raipur, ..... , (Hereinafter referred as the  
(Address of Division)

**‘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 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 endeavour 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 IIM Raipur 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)/Contractor(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.
  - (d) 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 IIM Raipur 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).

*(Signature)*

## 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**

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.

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, IIM Raipur.

**Article 7- Other Provisions**

- (1) This Pact is subject to Indian Law, place of performance and jurisdiction is the Head quarters of the Division of the Principal/Owner, who has floated the Tender.
- (2) Changes and supplements need to be made in writing. Side agreements have not been made.
- (3) If the Contractor is a partnership or a consortium, this Pact must be signed by all the partners or by one or more partner holding power of attorney signed by all partners and consortium members. In case of a Company, the Pact must be signed by a representative duly authorized by board resolution.
- (4) Should one or several provisions of this Pact turn out to be invalid; the remainder of this Pact remains valid. In this case, the parties will strive to come to an agreement to their original 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 :



## SAFETY CODE

1. Suitable scaffolds should be provided for workmen for all works that cannot safely be done from the ground, or from solid construction except such short period work as can be done safely from ladders. When a ladder is used, an extra mazdoor shall be engaged for holding the ladder and if the ladder is used for carrying materials as well suitable footholds and hand-hold shall be provided on the ladder and the ladder shall be given an inclination not steeper than  $\frac{1}{4}$  to 1 ( $\frac{1}{4}$  horizontal and 1 vertical.)
2. Scaffolding of staging more than 3.6 m (12ft.) above the ground or floor, swung or suspended from an overhead support or erected with stationary support shall have a guard rail properly attached or bolted, braced and otherwise secured at least 90 cm. (3ft.) high above the floor or platform of such scaffolding or staging and extending along the entire length of the outside and ends thereof with only such opening as may be necessary for the delivery of materials. Such scaffolding or staging shall be so fastened as to prevent it from swaying from the building or structure.
3. Working platforms, gangways and stairways should be so constructed that they should not sag unduly or unequally, and if the height of the platform or the gangway or the stairway is more than 3.6 m (12ft.) above ground level or floor level, they should be closely boarded, should have adequate width and should be suitably fastened as described in (2) above.
4. Every opening in the floor of a building or in a working platform shall be provided with suitable means to prevent the fall of person or materials by providing suitable fencing or railing whose minimum height shall be 90 cm. (3ft.)
5. Safe means of access shall be provided to all working platforms and other working places. Every ladder shall be securely fixed. No portable single ladder shall be over 9m. (30ft.) in length while the width between side rails in rung ladder shall in no case be less than 29 cm. (11½") for ladder upto and including 3 m. (10 ft.) in length. For longer ladders, this width should be increased at least  $\frac{1}{4}$ " for each additional 30 cm. (1 foot) of length. Uniform step spacing of not more than 30 cm shall be kept. Adequate precautions shall be taken to prevent danger from electrical equipment. No materials on any of the sites or work shall be so stacked or placed as to cause danger or inconvenience to any person or the public. The contractor shall provide all necessary fencing and lights to protect the public from accident and shall be bound to bear the expenses of defence of every suit, action or other proceedings at law that may be brought by any person for injury sustained owing to neglect of the above precautions and to pay any damages and cost which may be awarded in any such suit; action or proceedings to any such person or which may, with the consent of the contractor, be paid to compensate any claim by any such person.
6. (a) Excavation and Trenching - All trenches 1.2 m. (4ft.) or more in depth, shall at all times be supplied with at least one ladder for each 30 m. (100 ft.) in length or fraction thereof, Ladder shall extend from bottom of the trench to at least 90 cm. (3ft.) above the surface of the ground. The side of the trenches which are 1.5 m. (5ft.) or more in depth shall be stepped back to give suitable slope or securely held by timber bracing, so as to avoid the danger of sides collapsing. The excavated materials shall not be placed within 1.5 m. (5ft.) of the edges of the trench or half of the depth of the trench whichever is more. Cutting shall be done from top to bottom. Under no circumstances, undermining or undercutting shall be done.
- (b) Safety Measures for digging bore holes: -
  - (i). If the bore well is successful, it should be safely capped to avoid caving and collapse of the bore well. The failed and the abandoned ones should be completely refilled to avoid caving and collapse;
  - (ii). During drilling, Sign boards should be erected near the site with the address of the drilling contractor and the Engineer in-charge of the work;

- (iii). Suitable fencing should be erected around the well during the drilling and after the installation of the rig on the point of drilling, flags shall be put 50m around the point of drilling to avoid entry of people;
  - (iv). After drilling the borewell, a cement platform (0.50m x 0.50m x 1.20m) 0.60m above ground level and 0.60m below ground level should be constructed around the well casing;
  - (v). After the completion of the borewell, the contractor should cap the bore well properly by welding steel plate, cover the bore well with the drilled wet soil and fix thorny shrubs over the soil. This should be done even while repairing the pump;
  - (vi). After the borewell is drilled the entire site should be brought to the ground level.
7. Demolition - Before any demolition work is commenced and also during the progress of the work,
- (i) All roads and open areas adjacent to the work site shall either be closed or suitably protected.
  - (ii) No electric cable or apparatus which is liable to be a source of danger or a cable or apparatus used by the operator shall remain electrically charged.
  - (iii) All practical steps shall be taken to prevent danger to persons employed from risk of fire or explosion or flooding. No floor, roof or other part of the building shall be so overloaded with debris or materials as to render it unsafe.
8. All necessary personal safety equipment as considered adequate by the Engineer-in-Charge should be kept available for the use of the person employed on the site and maintained in a condition suitable for immediate use, and the contractor should take adequate steps to ensure proper use of equipment by those concerned. The following safety equipment shall invariably be provided.
- (i) Workers employed on mixing asphaltic materials, cement and lime mortars shall be provided with protective footwear and protective goggles.
  - (ii) Those engaged in white washing and mixing or stacking of cement bags or any material which is injurious to the eyes, shall be provided with protective goggles.
  - (iii) Those engaged in welding works shall be provided with welder's protective eyeshields.
  - (iv) Stone breaker shall be provided with protective goggles and protective clothing and seated at sufficiently safe intervals.
  - (v) When workers are employed in sewers and manholes, which are in active use, the contractors shall ensure that the manhole covers are opened and ventilated atleast for an hour before the workers are allowed to get into the manholes, and the manholes so opened shall be cordoned off with suitable railing and provided with warning signals or boards to prevent accident to the public. In addition, the contractor shall ensure that the following safety measure are adhered to :-
    - (a) Entry for workers into the line shall not be allowed except under supervision of the JE or any other higher officer.
    - (b) At least 5 to 6 manholes upstream and downstream should be kept open for at least 2 to 3 hours before any man is allowed to enter into the manhole for working inside.
    - (c) Before entry, presence of Toxic gases should be tested by inserting wet lead acetate paper which changes colour in the presence of such gases and gives indication of their presence.
    - (d) Presence of Oxygen should be verified by lowering a detector lamp into the manhole. In case, no Oxygen is found inside the sewer line, workers should be sent only with Oxygen kit.
    - (e) Safety belt with rope should be provided to the workers. While working inside the manholes, such rope should be handled by two men standing outside to enable him to be pulled out during emergency.
    - (f) The area should be barricaded or cordoned off by suitable means to avoid mishaps of any kind. Proper warning signs should be displayed for the safety of the public whenever cleaning works are undertaken during night or day.

- (g) No smoking or open flames shall be allowed near the blocked manhole being cleaned.
- (h) The malba obtained on account of cleaning of blocked manholes and sewer lines should be immediately removed to avoid accidents on account of slippery nature of the malba.
- (i) Workers should not be allowed to work inside the manhole continuously. He should be given rest intermittently. The Engineer-in-Charge may decide the time up to which a worker may be allowed to work continuously inside the manhole.
- (j) Gas masks with Oxygen Cylinder should be kept at site for use in emergency.
- (k) Air-blowers should be used for flow of fresh air through the manholes. Whenever called for, portable air blowers are recommended for ventilating the manholes. The Motors for these shall be vapour proof and of totally enclosed type. Non sparking gas engines also could be used but they should be placed at least 2 metres away from the opening and on the leeward side protected from wind so that they will not be a source of friction on any inflammable gas that might be present.
- (l) The workers engaged for cleaning the manholes/sewers should be properly trained before allowing to work in the manhole.
- (m) The workers shall be provided with Gumboots or non sparking shoes bump helmets and gloves non sparking tools safety lights and gas masks and portable air blowers (when necessary). They must be supplied with barrier cream for anointing the limbs before working inside the sewer lines.
- (n) Workmen descending a manhole shall try each ladder stop or rung carefully before putting his full weight on it to guard against insecure fastening due to corrosion of the rung fixed to manhole well.
- (o) If a man has received a physical injury, he should be brought out of the sewer immediately and adequate medical aid should be provided to him.
- (p) The extent to which these precautions are to be taken depend on individual situation but the decision of the Engineer-in-Charge regarding the steps to be taken in this regard in an individual case will be final.
- (vi) The Contractor shall not employ men and women below the age of 18 years on the work of painting with products containing lead in any form. Wherever men above the age of 18 are employed on the work of lead painting, the following precaution should be taken: -
  - (a) No paint containing lead or lead products shall be used except in the form of paste or readymade paint.
  - (b) Suitable face masks should be supplied for use by the workers when paint is applied in the form of spray or a surface having lead paint is dry rubbed and scrapped.
  - (c) Overalls shall be supplied by the contractors to the workmen and adequate facilities shall be provided to enable the working painters to wash during and on the cessation of work.
- 9. An additional clause (viii)(i) of GEC Campus, Sejbahar, Raipur 492 015 Safety Code (iv) the Contractor shall not employ women and men below the age of 18 on the work of painting with product containing lead in any form, wherever men above the age of 18 are employed on the work of lead painting, the following principles must be observed for such use :
  - (i) White lead, sulphate of lead or product containing these pigment, shall not be used in painting operation except in the form of pastes or paint ready for use.
  - (ii) Measures shall be taken, wherever required in order to prevent danger arising from the application of a paint in the form of spray.
  - (iii) Measures shall be taken, wherever practicable, to prevent danger arising out of from dust caused by dry rubbing down and scraping.
  - (iv) Adequate facilities shall be provided to enable working painters to wash during and on cessation of work.
  - (v) Overall shall be worn by working painters during the whole of working period.



- (vi) Suitable arrangement shall be made to prevent clothing put off during working hours being spoiled by painting materials.
  - (vii) Cases of lead poisoning and suspected lead poisoning shall be notified and shall be subsequently verified by medical man appointed by competent authority of C.P.W.D PWD(DA).
  - (viii) IIM Raipur may require, when necessary medical examination of workers.
  - (ix) Instructions with regard to special hygienic precautions to be taken in the painting trade shall be distributed to working painters.
10. When the work is done near any place where there is risk of drowning, all necessary equipments should be provided and kept ready for use and all necessary steps taken for prompt rescue of any person in danger and adequate provision, should be made for prompt first aid treatment of all injuries likely to be obtained during the course of the work.
  11. Use of hoisting machines and tackle including their attachments, anchorage and supports shall conform to the following standards or conditions:-
    - (i) (a) These shall be of good mechanical construction, sound materials and adequate strength and free from patent defects and shall be kept repaired and in good working order.
    - (b) Every rope used in hoisting or lowering materials or as a means of suspension shall be of durable quality and adequate strength, and free from patent defects.
    - (ii) Every crane driver or hoisting appliance operator, shall be properly qualified and no person under the age of 21 years should be in charge of any hoisting machine including any scaffolding winch or give signals to operator.
    - (iii) In case of every hoisting machine and of every chain ring hook, shackle swivel and pulley block used in hoisting or as means of suspension, the safe working load shall be ascertained by adequate means. Every hoisting machine and all gear referred to above shall be plainly marked with the safe working load. In case of a hoisting machine having a variable safe working load each safe working load and the condition under which it is applicable shall be clearly indicated. No part of any machine or any gear referred to above in this paragraph shall be loaded beyond the safe working load except for the purpose of testing.
    - (iv) In case of departmental machines, the safe working load shall be notified by the Electrical Engineer-in-Charge. As regards contractor's machines the contractors shall notify the safe working load of the machine to the Engineer-in-Charge whenever he brings any machinery to site of work and get it verified by the Electrical Engineer concerned.
  12. Motors, gearing, transmission, electric wiring and other dangerous parts of hoisting appliances should be provided with efficient safeguards. Hoisting appliances should be provided with such means as will reduce to the minimum the risk of accidental descent of the load. Adequate precautions should be taken to reduce to the minimum the risk of any part of a suspended load becoming accidentally displaced. When workers are employed on electrical installations which are already energized, insulating mats, wearing apparel, such as gloves, sleeves and boots as may be necessary should be provided. The worker should not wear any rings, watches and carry keys or other materials which are good conductors of electricity.
  13. All scaffolds, ladders and other safety devices mentioned or described herein shall be maintained in safe condition and no scaffold, ladder or equipment shall be altered or removed while it is in use. Adequate washing facilities should be provided at or near places of work.
  14. These safety provisions should be brought to the notice of all concerned by display on a notice board at a prominent place at work spot. The person responsible for compliance of the safety code shall be named therein by the contractor.
  15. To ensure effective enforcement of the rules and regulations relating to safety precautions the arrangements made by the contractor shall be open to inspection by the Labour Officer or Engineer-in-Charge of IIM Raipur or their representatives.
  16. Notwithstanding the above clauses from (1) to (15), there is nothing in these to exempt the contractor from the operations of any other Act or Rule in force in the Republic of India.



## **Model Rules for the Protection of Health and Sanitary Arrangements for Workers Employed by Central P.W.D. or its Contractors**

### **1. APPLICATION**

These rules shall apply to all buildings and construction works in charge of IIM Raipur in which twenty or more workers are ordinarily employed or are proposed to be employed in any day during the period during which the contract work is in progress.

### **2. DEFINITION**

Work place means a place where twenty or more workers are ordinarily employed in connection with construction work on any day during the period during which the contract work is in progress.

### **3. FIRST-AID FACILITIES**

- (i) At every work place, there shall be provided and maintained, so as to be easily accessible during working hours, first-aid boxes at the rate of not less than one box for 150 contract labour or part thereof ordinarily employed.
- (ii) The first-aid box shall be distinctly marked with a red cross on white back ground and shall contain the following equipment: -
  - (a) For work places in which the number of contract labour employed does not exceed 50-  
Each first-aid box shall contain the following equipments:-
    - 1. 6 small sterilised dressings.
    - 2. 3 medium size sterilised dressings.
    - 3. 3 large size sterilised dressings.
    - 4. 3 large sterilised burn dressings.
    - 5. 1 (30 ml.) bottle containing a two per cent alcoholic solution of iodine.
    - 6. 1 (30 ml.) bottle containing salvolatile having the dose and mode of administration indicated on the label.
    - 7. 1 snakebite lancet.
    - 8. 1 (30 gms.) bottle of potassium permanganate crystals.
    - 9. 1 pair scissors.
    - 10. 1 copy of the first-aid leaflet issued by the Director General, Factory Advice Service and Labour Institutes, Government of India.
    - 11. 1 bottle containing 100 tablets (each of 5 gms.) of aspirin.
    - 12. Ointment for burns.
    - 13. A bottle of suitable surgical antiseptic solution.

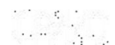
- (b) For work places in which the number of contract labour exceed 50.

Each first-aid box shall contain the following equipments.

1. 12 small sterilised dressings.
  2. 6 medium size sterilised dressings.
  3. 6 large size sterilised dressings.
  4. 6 large size sterilised burn dressings.
  5. 6 (15 gms.) packets sterilised cotton wool.
  6. 1 (60 ml.) bottle containing a two per cent alcoholic solution iodine.
  7. 1 (60 ml.) bottle containing salvolatile having the dose and mode of administration indicated on the label.
  8. 1 roll of adhesive plaster.
  9. 1 snake bite lancet.
  10. 1 (30 gms.) bottle of potassium permanganate crystals.
  11. 1 pair scissors.
  12. 1 copy of the first-aid leaflet issued by the Director General Factory Advice Service and Labour Institutes /Government of India.
  13. A bottle containing 100 tablets (each of 5 gms.) of aspirin.
  14. Ointment for burns.
  15. A bottle of suitable surgical antiseptic solution.
- (iii) Adequate arrangements shall be made for immediate recoupment of the equipment when necessary.
- (iv) Nothing except the prescribed contents shall be kept in the First-aid box.
- (v) The first-aid box shall be kept in charge of a responsible person who shall always be readily available during the working hours of the work place.
- (vi) A person in charge of the First-aid box shall be a person trained in First-aid treatment in the work places where the number of contract labour employed is 150 or more.
- (vii) In work places where the number of contract labour employed is 500 or more and hospital facilities are not available within easy distance from the works. First-aid posts shall be established and run by a trained compounder. The compounder shall be on duty and shall be available at all hours when the workers are at work.
- (viii) Where work places are situated in places which are not towns or cities, a suitable motor transport shall be kept readily available to carry injured person or person suddenly taken ill to the nearest hospital.

#### **4. DRINKING WATER**

- (i) In every work place, there shall be provided and maintained at suitable places, easily accessible to labour, a sufficient supply of cold water fit for drinking.
- (ii) Where drinking water is obtained from an Intermittent public water supply, each work place shall be provided with storage where such drinking water shall be stored.
- (iii) Every water supply or storage shall be at a distance of not less than 50 feet from any latrine drain or other source of pollution. Where water has to be drawn from an existing well which is within such proximity of latrine, drain or any other source of pollution, the well shall be properly chlorinated before water is drawn from it for drinking. All such wells shall be entirely closed in and be provided with a trap door which shall be dust and waterproof.



- (iv) A reliable pump shall be fitted to each covered well, the trap door shall be kept locked and opened only for cleaning or inspection which shall be done at least once a month.

**5. WASHING FACILITIES**

- (i) In every work place adequate and suitable facilities for washing shall be provided and maintained for the use of contract labour employed therein.
- (ii) Separate and adequate cleaning facilities shall be provided for the use of male and female workers.
- (iii) Such facilities shall be conveniently accessible and shall be kept in clean and hygienic condition.

**6. LATRINES AND URINALS**

- (i) Latrines shall be provided in every work place on the following scale namely :-
  - (a) Where female are employed, there shall be at least one latrine for every 25 females.
  - (b) Where males are employed, there shall be at least one latrine for every 25 males.

Provided that, where the number of males or females exceeds 100, it shall be sufficient if there is one latrine for 25 males or females as the case may be upto the first 100, and one for every 50 thereafter.
- (ii) Every latrine shall be under cover and so partitioned off as to secure privacy, and shall have a proper door and fastenings.
- (iii) Construction of latrines: The inside walls shall be constructed of masonry or some suitable heat-resisting nonabsorbent materials and shall be cement washed inside and outside at least once a year, Latrines shall not be of a standard lower than borehole system.
- (iv) (a) Where workers of both sexes are employed, there shall be displayed outside each block of latrine and urinal, a notice in the language understood by the majority of the workers "For Men only" or "For Women Only" as the case may be.  
(b) The notice shall also bear the figure of a man or of a woman, as the case may be.
- (v) There shall be at least one urinal for male workers upto 50 and one for female workers upto fifty employed at a time, provided that where the number of male or female workmen, as the case may be exceeds 500, it shall be sufficient if there is one urinal for every 50 males or females upto the first 500 and one for every 100 or part thereafter.
- (vi) (a) The latrines and urinals shall be adequately lighted and shall be maintained in a clean and sanitary condition at all times.  
(b) Latrines and urinals other than those connected with a flush sewage system shall comply with the requirements of the Public Health Authorities.
- (vii) Water shall be provided by means of tap or otherwise so as to be conveniently accessible in or near the latrines and urinals.
- (viii) Disposal of excreta:- Unless otherwise arranged for by the local sanitary authority, arrangements for proper disposal of excreta by incineration at the work place shall be made by means of a suitable incinerator. Alternately excreta may be disposed of by putting a layer of night soil at the bottom of a pucca tank prepared for the purpose and covering it with a 15 cm. layer of waste or refuse and then covering it with a layer of earth for a fortnight (when it will turn to manure).

- (ix) The contractor shall at his own expense, carry out all instructions issued to him by the Engineer-in-Charge to effect proper disposal of night soil and other conservancy work in respect of the contractor's workmen or employees on the site. The contractor shall be responsible for payment of any charges which may be levied by Municipal or Cantonment Authority for execution of such on his behalf.

## **7. PROVISION OF SHELTER DURING REST**

At every place there shall be provided, free of cost, four suitable sheds, two for meals and the other two for rest separately for the use of men and women labour. The height of each shelter shall not be less than 3 meters (10 ft.) from the floor level to the lowest part of the roof. These shall be kept clean and the space provided shall be on the basis of 0.6 sq.m. (6 sft) per head.

Provided that the Engineer-in-Charge may permit subject to his satisfaction, a portion of the building under construction or other alternative accommodation to be used for the purpose.

## **8. CRECHES**

- (i) At every work place, at which 20 or more women worker are ordinarily employed, there shall be provided two rooms of reasonable dimensions for the use of their children under the age of six years. One room shall be used as a play room for the children and the other as their bedroom. The rooms shall be constructed with specifications as per clause 19H (ii) a,b& c.
- (ii) The rooms shall be provided with suitable and sufficient openings for light and ventilation. There shall be adequate provision of sweepers to keep the places clean.
- (iii) The contractor shall supply adequate number of toys and games in the play room and sufficient number of cots and beddings in the bed room.
- (iv) The contractor shall provide one ayaa to look after the children in the creche when the number of women workers does not exceed 50 and two when the number of women workers exceed 50.
- (v) The use of the rooms earmarked as creches shall be restricted to children, their attendants and mothers of the children.

## **9. CANTEENS**

- (i) In every work place where the work regarding the employment of contract labour is likely to continue for six months and where in contract labour numbering one hundred or more are ordinarily employed, an adequate canteen shall be provided by the contractor for the use of such contract labour.
- (ii) The canteen shall be maintained by the contractor in an efficient manner.
- (iii) The canteen shall consist of at least a dining hall, kitchen, storeroom, pantry and washing places separately for workers and utensils.
- (iv) The canteen shall be sufficiently lighted at all times when any person has access to it.
- (v) The floor shall be made of smooth and impervious materials and inside walls shall be lime-washed or colour washed at least once in each year.  
  
Provided that the inside walls of the kitchen shall be lime-washed every four months.
- (vi) The premises of the canteen shall be maintained in a clean and sanitary condition.
- (vii) Waste water shall be carried away in suitable covered drains and shall not be allowed to accumulate so as to cause a nuisance.
- (viii) Suitable arrangements shall be made for the collection and disposal of garbage.
- (ix) The dining hall shall accommodate at a time 30 per cent of the contract labour working at a time.

- (x) The floor area of the dining hall, excluding the area occupied by the service counter and any furniture except tables and chairs shall not be less than one square metre (10 sft) per diner to be accommodated as prescribed in sub-Rule 9.
- (xi) (a) A portion of the dining hall and service counter shall be partitioned off and reserved for women workers in proportion to their number.  
(b) Washing places for women shall be separate and screened to secure privacy.
- (xii) Sufficient tables stools, chair or benches shall be available for the number of diners to be accommodated as prescribed in sub-Rule 9.
- (xiii) (a) 1. There shall be provided and maintained sufficient utensils crockery, furniture and any other equipments necessary for the efficient running of the canteen.  
2. The furniture utensils and other equipment shall be maintained in a clean and hygienic condition.  
(b) 1. Suitable clean clothes for the employees serving in the canteen shall be provided and maintained.  
2. A service counter, if provided, shall have top of smooth and impervious material.  
3. Suitable facilities including an adequate supply of hot water shall be provided for the cleaning of utensils and equipments.
- (xiv) The food stuffs and other items to be served in the canteen shall be in conformity with the normal habits of the contract labour.
- (xv) The charges for food stuffs, beverages and any other items served in the canteen shall be based on 'No profit, No loss' and shall be conspicuously displayed in the canteen.
- (xvi) In arriving at the price of foodstuffs, and other article served in the canteen, the following items shall not be taken into consideration as expenditure namely:-
  - (a) The rent of land and building.
  - (b) The depreciation and maintenance charges for the building and equipments provided for the canteen.
  - (c) The cost of purchase, repairs and replacement of equipments including furniture, crockery, cutlery and utensils.
  - (d) The water charges and other charges incurred for lighting and ventilation.
  - (e) The interest and amounts spent on the provision and maintenance of equipments provided for the canteen.
- (xvii) The accounts pertaining to the canteen shall be audited once every 12 months by registered accountants and auditors.

**10. ANTI-MALARIAL PRECAUTIONS**

The contractor shall at his own expense, conform to all anti-malarial instructions given to him by the Engineer-in-Charge including the filling up of any borrow pits which may have been dug by him.

- 11.** The above rules shall be incorporated in the contracts and in notices inviting tenders and shall form an integral part of the contracts.

**12. AMENDMENTS**

Government may, from time to time, add to or amend these rules and issue directions - it may consider necessary for the purpose of removing any difficulty which may arise in the administration thereof.

## Contractor's Labour Regulations

### 1. SHORT TITLE

These regulations may be called the IIM Raipur Contractors Labour Regulations.

### 2. DEFINITIONS

- i) **Workman** means any person employed by IIM Raipur or its contractor directly or indirectly through a subcontractor with or without the knowledge of the IIM Raipur to do any skilled, semiskilled or unskilled manual, supervisory, technical or clerical work for hire or reward, whether the terms of employment are expressed or implied but does not include any person:-
- a) Who is employed mainly in a managerial or administrative capacity: or
  - b) Who, being employed in a supervisory capacity draws wages exceeding five hundred rupees per mensem or exercises either by the nature of the duties attached to the office or by reason of powers vested in him, functions mainly of managerial nature: or
  - c) Who is an out worker, that is to say, person to whom any article or materials are given out by or on behalf of the principal employers to be made up cleaned, washed, altered, ornamental finished, repaired adopted or otherwise processed for sale for the purpose of the trade or business of the principal employers and the process is to be carried out either in the home of the out worker or in some other premises, not being premises under the control and management of the principal employer.

No person below the age of 14 years shall be employed to act as a workman.

- ii) **Fair Wages** means wages whether for time or piece work fixed and notified under the provisions of the Minimum Wages Act from time to time.
  - iii) **Contractors** shall include every person who undertakes to produce a given result other than a mere supply of goods or articles of manufacture through contract labour or who supplies contract labour for any work and includes a subcontractor.
  - iv) **Wages** shall have the same meaning as defined in the Payment of Wages Act.
3. i) Normally working hours of an adult employee should not exceed 9 hours a day. The working day shall be so arranged that inclusive of interval for rest, if any, it shall not spread over more than 12 hours on any day.
- ii) When an adult worker is made to work for more than 9 hours on any day or for more than 48 hours in any week, he shall be paid over time for the extra hours put in by him at double the ordinary rate of wages.
- iii) a) Every worker shall be given a weekly holiday normally on a Sunday, in accordance with the provisions of the Minimum Wages (Central) Rules 1960 as amended from time to time irrespective of whether such worker is governed by the Minimum Wages Act or not.
- b) Where the minimum wages prescribed by the Government under the Minimum Wages Act are not inclusive of the wages for the weekly day of rest, the worker shall be entitled to rest day wages at the rate applicable to the next preceding day, provided he has worked under the same contractor for a continuous period of not less than 6 days.

- c) Where a contractor is permitted by the Engineer-in-Charge to allow a worker to work on a normal weekly holiday, he shall grant a substituted holiday to him for the whole day on one of the five days immediately before or after the normal weekly holiday and pay wages to such worker for the work performed on the normal weekly holiday at overtime rate.

## 4. DISPLAY OF NOTICE REGARDING WAGES ETC.

The contractor shall before he commences his work on contract, display and correctly maintain and continue to display and correctly maintain in a clear and legible condition in conspicuous places on the work, notices in English and in the local Indian languages spoken by the majority of the workers giving the minimum rates of wages fixed under Minimum Wages Act, the actual wages being paid, the hours of work for which such wage are earned, wages periods, dates of payments of wages and other relevant information as per Appendix 'III'.

## 5. PAYMENT OF WAGES

- i) The contractor shall fix wage periods in respect of which wages shall be payable.
- ii) No wage period shall exceed one month.
- iii) The wages of every person employed as contract labour in an establishment or by a contractor where less than one thousand such persons are employed shall be paid before the expiry of seventh day and in other cases before the expiry of tenth day after the last day of the wage period in respect of which the wages are payable.
- iv) Where the employment of any worker is terminated by or on behalf of the contractor the wages earned by him shall be paid before the expiry of the second working day from the date on which his employment is terminated.
- v) All payment of wages shall be made on a working day at the work premises and during the working time and on a date notified in advance and in case the work is completed before the expiry of the wage period, final payment shall be made within 48 hours of the last working day.
- vi) Wages due to every worker shall be paid to him direct or to other person authorised by him in this behalf.
- vii) All wages shall be paid in current coin or currency or in both.
- viii) Wages shall be paid without any deductions of any kind except those specified by the Central Government by general or special order in this behalf or permissible under the Payment of Wages Act 1956.
- ix) A notice showing the wages period and the place and time of disbursement of wages shall be displayed at the place of work and a copy sent by the contractor to the Engineer-in-Charge under acknowledgment.
- x) It shall be the duty of the contractor to ensure the disbursement of wages in the presence of the Junior Engineer or any other authorised representative of the Engineer-in-Charge who will be required to be present at the place and time of disbursement of wages by the contractor to workmen.
- xi) The contractor shall obtain from the Junior Engineer or any other authorised representative of the Engineer-in-Charge as the case may be, a certificate under his signature at the end of the entries in the "Register of Wages" or the "Wage-cum-Muster Roll" as the case may be in the following form: -  

"Certified that the amount shown in column No .....has been paid to the workman concerned in my presence on ..... at ....."

## 6. FINES AND DEDUCTIONS WHICH MAY BE MADE FROM WAGES

- (i) The wages of a worker shall be paid to him without any deduction of any kind except the following: -
  - (a) Fines
  - (b) Deductions for absence from duty i.e. from the place or the places where by the terms of his employment he is required to work. The amount of deduction shall be in proportion to the period for which he was absent.



- (c) Deduction for damage to or loss of goods expressly entrusted to the employed person for custody, or for loss of money or any other deduction which he is required to account, where such damage or loss is directly attributable to his neglect or default.
- (d) Deduction for recovery of advances or for adjustment of overpayment of wages, advances granted shall be entered in a register.
- (e) Any other deduction which the Central Government may from time to time allow.
- (ii) No fines should be imposed on any worker save in respect of such acts and omissions on his part as have been approved of by the Chief Labour Commissioner.  
**Note:-** An approved list of Acts and Omissions for which fines can be imposed is enclosed at Appendix-X
- (iii) No fine shall be imposed on a worker and no deduction for damage or loss shall be made from his wages until the worker has been given an opportunity of showing cause against such fines or deductions.
- (iv) The total amount of fine which may be imposed in any one wage period on a worker shall not exceed an amount equal to three paise in a rupee of the total wages, payable to him in respect of that wage period.
- (v) No fine imposed on any worker shall be recovered from him by instalment, or after the expiry of sixty days from the date on which it was imposed.
- (vi) Every fine shall be deemed to have been imposed on the day of the act or omission in respect of which it was imposed.

## 7. LABOUR RECORDS

- (i) The contractor shall maintain a **Register of persons employed** on work on contract in Form XIII of the CL (R&A) Central Rules 1971 (Appendix IV)
- (ii) The contractor shall maintain a **Muster Roll** register in respect of all workmen employed by him on the work under Contract in Form XVI of the CL (R&A) Rules 1971 (Appendix V).
- (iii) The contractor shall maintain a **Wage Register** in respect of all workmen employed by him on the work under contract in Form XVII of the CL (R&A) Rules 1971 (Appendix VI).
- (iv) **Register of accident-** The contractor shall maintain a register of accidents in such form as maybe convenient at the work place but the same shall include the following particulars:
  - a) Full particulars of the labourers who met with accident.
  - b) Rate of Wages.
  - c) Sex
  - d) Age
  - e) Nature of accident and cause of accident.
  - f) Time and date of accident.
  - g) Date and time when admitted in Hospital,
  - h) Date of discharge from the Hospital.
  - i) Period of treatment and result of treatment.
  - j) Percentage of loss of earning capacity and disability as assessed by Medical Officer.
  - k) Claim required to be paid under Workmen's Compensation Act.
  - l) Date of payment of compensation.
  - m) Amount paid with details of the person to whom the same was paid.

- n) Authority by whom the compensation was assessed.
- o) Remarks
- v) The contractor shall maintain a **Register of Fines** in the Form XII of the CL (R&A) Rules 1971 (Appendix-XI)  
  
The contractor shall display in a good condition and in a conspicuous place of work the approved list of acts and omissions for which fines can be imposed (Appendix-X)
- vi) The contractor shall maintain a **Register of deductions for damage or loss** in Form XX of the CL (R&A) Rules 1971 (Appendix-XII)
- vii) The contractor shall maintain a **Register of Advances** in Form XXIII of the CL (R&A) Rules 1971 (Appendix-XIII)
- viii) The contractor shall maintain a **Register of Overtime** in Form XXIII of the CL (R&A) Rules 1971 (Appendix-XIV)

## 8. ATTENDANCE CARD-CUM-WAGE SLIP

- i) The contractor shall issue an **Attendance card-cum-wage slip** to each workman employed by him in the specimen form at (Appendix-VII)
- ii) The card shall be valid for each wage period.
- iii) The contractor shall mark the attendance of each workman on the card twice each day, once at the commencement of the day and again after the rest interval, before he actually starts work.
- iv) The card shall remain in possession of the worker during the wage period under reference.
- v) The contractor shall complete the wage slip portion on the reverse of the card at least a day prior to the disbursement of wages in respect of the wage period under reference.
- vi) The contractor shall obtain the signature or thumb impression of the worker on the wage slip at the time of disbursement of wages and retain the card with himself.

## 9. EMPLOYMENT CARD

The contractor shall issue an **Employment Card** in Form XIV of the CL (R&A) Central Rules 1971 to each worker within three days of the employment of the worker (Appendix-VIII).

## 10. SERVICE CERTIFICATE

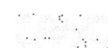
On termination of employment for any reason whatsoever the contractor shall issue to the workman whose services have been terminated, a **Service certificate** in Form XV of the CL (R&A) Central Rules 1971 (Appendix-IX)

## 11. PRESERVATION OF LABOUR RECORDS

All records required to be maintained under Regulations Nos. 6 & 7 shall be preserved in original for a period of three years from the date of last entries made in them and shall be made available for inspection by the Engineer-in-Charge or Labour Officer or any other officers authorised by the Ministry of Human Resource Development in this behalf.

## 12. POWER OF LABOUR OFFICER TO MAKE INVESTIGATIONS OR ENQUIRY

The Labour Officer or any person authorised by Central Government on their behalf shall have power to make enquires with a view to ascertaining and enforcing due and proper observance of Fair Wage Clauses and the Provisions of these Regulations. He shall investigate into any complaint regarding the default made by the contractor or subcontractor in regard to such provision.



## 13. REPORT OF LABOUR OFFICER

The Labour Officer or other persons authorised as aforesaid shall submit a report of result of his investigation or enquiry to the Engineer-in-Charge concerned indicating the extent, if any, to which the default has been committed with a note that necessary deductions from the contractor's bill be made and the wages and other dues be paid to the labourers concerned. In case an appeal is made by the contractor under Clause 13 of these regulations, actual payment to labourers will be made by the Engineer-in-Charge after the Engineer-in-Charge has given his decision on such appeal.

- i) The Engineer-in-Charge shall arrange payments to the labour concerned within 45 days from the receipt of the report from the Labour Officer or the Engineer-in-Charge as the case may be.

## 14. APPEAL AGAINST THE DECISION OF LABOUR OFFICER

Any person aggrieved by the decision and recommendations of the Labour Officer or other person so authorised may appeal against such decision to the Engineer-in-Charge concerned within 30 days from the date of decision, forwarding simultaneously a copy of his appeal to the Engineer-in-Charge concerned but subject to such appeal, the decision of the officer shall be final and binding upon the contractor.

## 15. PROHIBITION REGARDING REPRESENTATION THROUGH LAWYER

- i) A workman shall be entitled to be represented in any investigation or enquiry under these regulations by:-
  - a) An officer of a registered trade union of which he is a member.
  - b) An officer of a federation of trade unions to which the trade union referred to in clause (a) is affiliated.
  - c) Where the employer is not a member of any registered trade union, by an officer of a registered trade union, connected with the industry in which the worker is employed or by any other workman employed in the industry in which the worker is employed.
- ii) An employer shall be entitled to be represented in any investigation or enquiry under these regulations by :-
  - a) An officer of an association of employers of which he is a member.
  - b) An officer of a federation of associations of employers to which association referred to in clause (a) is affiliated.
  - c) Where the employers is not a member of any association of employers, by an officer of association of employer connected with the industry in which the employer is engaged or by any other employer, engaged in the industry in which the employer is engaged.
- (iii) No party shall be entitled to be represented by a legal practitioner in any investigation or enquiry under these regulations.

## 16. INSPECTION OF BOOKS AND SLIPS

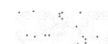
The contractor shall allow inspection of all the prescribed labour records to any of his workers or to his agent at a convenient time and place after due notice is received or to the Labour Officer or any other person, authorised by the Central Government on his behalf.

## 17. SUBMISSIONS OF RETURNS

The contractor shall submit periodical returns as may be specified from time to time.

## 18. AMENDMENTS

The Central Government may from time to time add to or amend the regulations and on any question as to the application/Interpretation or effect of those regulations the decision of the Engineer-in-Charge concerned shall be final.





Appendix 'I'

## REGISTER OF MATERNITY BENEFITS (Clause 19 F)

Name and address of the contractor.....

Name and location of the work.....

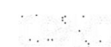
Name of the employee	Father's/ husband's name	Nature of employment	Period of actual employment	Date on which notice of confinement given
1	2	3	4	5

Date on which maternity leave commenced and ended

Date of delivery/ miscarriage	<u>In case of delivery</u>		<u>In case of miscarriage</u>	
	commenced	Ended	Commenced	Ended
6	7	8	9	10

Leave pay paid to the employee

<u>In case of delivery</u>		<u>In case of miscarriage</u>		Remarks
Rate of leave pay	Amount paid	Rate of leave pay	Amount paid	
11	12	13	14	15



**SPECIMEN FORM OF THE REGISTER, REGARDING  
MATERNITY BENEFIT ADMISSIBLE TO THE CONTRACTOR'S LABOUR  
IN INDIAN INSTITUTE OF MANAGEMENT, RAIPUR WORKS.**

Name and address of the contractor.....

Name and location of the work.....

- 1- Name of the woman and her husband's name.
- 2- Designation.
- 3- Date of appointment.
- 4- Date with months and years in which she is employed.
- 5- Date of discharge/dismissal, if any.
- 6- Date of production of certificates in respect of pregnancy.
- 7- Date on which the woman informs about the expected delivery.
- 8- Date of delivery/miscarriage/death
- 9- Date of production of certificate in respect of delivery/miscarriage.
- 10- Date with the amount of maternity/death benefit paid in advance of expected delivery.
- 11- Date with amount of subsequent payment of maternity benefit.
- 12- Name of the person nominated by the woman to receive the payment of the maternity benefit after her death.
- 13- If the woman dies, the date of her death, the name of the person to whom maternity benefit amount was paid, the month thereof and the date of payment.
- 14- Signature of the contractor authenticating entries in the register.
- 15- Remarks column for the use of Inspecting Officer.

**Labour Board**

Name of work

Name of Contractor

Address of Contractor

Name and address of IIM Raipur Division

Name of IIM Raipur Labour Officer

Address of IIM Raipur Labour Officer

Name of Labour Enforcement Officer

Address of Labour Enforcement Officer

Sl. No.	Category	Minimum wage fixed	Actual wage paid	Number present	Remarks

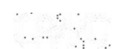
Weekly holiday-----

Wage period\_\_\_\_\_

Date of payment of wages\_\_\_\_\_

Working hours\_\_\_\_\_

Rest interval\_\_\_\_\_





# PROFORMA OF REGISTERS

## Register of Workmen Employed by Contractor (See Rule 75)

Name and Address of contractor

Name and address of establishment under which contract is carried on

Nature and location of work

Name and address of Principal Employer

S. No	Name and Surname of workman	Age and Sex	Father's / Husband's name	Nature of employment / designation	Premanent home address of the workman (Village and Tehsil, Taluk and District)	Local Address	Date of commencement of employment	Signature of thumb impression of the workman	Date of termination of employment	Reason of termination	Remark
1	2	3	4	5	6	7	8	9	10	11	12

Signature of Contractor

Signature of Employer

## Register of Workmen Employed by Contractor (See Rule 75)

Name and Address of contractor

Name and address of establishment under which contract is carried on

Nature and location of work

Name and address of Principal Employer

S. No	Name and Surname of workman	Age and Sex	Father's / Husband's name	Nature of employment / designation	Premanent home address of the workman (Village and Tehsil, Taluk and District)	Local Address	Date of commencement of employment	Signature of thumb impression of the workman	Date of termination of employment	Reason of termination	Remark
1	2	3	4	5	6	7	8	9	10	11	12

## Muster Roll

## Nature and location of work

For the Month of fortnight

Sl No	Name of Workman	Sex	Father's / Husband's name	Dates					Remarks
1	2	3	4	5					6
				1	2	3	4	5	

For Form –XVII (See Rule 78(2) (a))

## Register of Wages

Name and Address of contractor

Name and address of establishment under which contract is carried on

Nature and location of work

Name and address of Principal Employer ..... Wages period: Monthly / fortnight

Sl No	Name of Work man	Serial No. in the register of workman	Designation /nature of work done	No. of days work ed	Unit of wor k don e	Daily rate of wages/ piece rate	Amount of Wages earned					Deduction s if any (indicate nature	Net amount paid	Signature to thumb impression of the work -man	Initial Of Contractor Or his Represe- ntative
							Basic Wag es	Dearness Allowance s	Over time	Other Cash payment (Indicate nature)	Tota l				
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	

Signature of Contractor

Signature of Employer

Wage Card No.....

Wage Card

Name and address of contractor

Date of Issue

Name and location of work

Designation

Name of workman

Month/Fortnight

Rate of Wages

1	:	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
---	---	---	---	---	---	---	---	---	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----

Morning

Rate

Evening

Amount

Initial

Received from----- the sum of Rs. -----on account of my wages

Signature...

The Wage Card is valid for one month from the date of issue

**Form-XIX**

[See rule 78 (2)(b)]

**Wages Slip**

Name and address of contractor.....

Name and Father's/Husband's name of workman.....

Nature and location of work.....

For the Week/Fortnight/Month ending.....

1- No. of days worked.....

2- No. of units worked in case of piece rate workers.....

3- Rate of dailly wages/piece rate .....

4- Amount of overtime wages.....

5- Gross wages payable.....

6- Deduction, if any.....

7- Net amount of wages paid.....

Initials of the contractor or his representative

---

PROFORMA OF REGISTERS

**Form-XIV**

Appendix 'VIII'

[See rule 76]

**Employment Card**

Name and address of contractor-----

Name and address of establishment under which contract is carried on-----

Name of work and location of work-----

Name and address of Principal Employer-----

1- Name of the workman-----

2- Sl. No. in the register of workman employed-----

3- Nature of employment/designation-----

4-  
Wage rate (with particulars of unit in case of piece work)-----

5- Wage period-----

6- Tenure of employment-----

7- Remarks-----

Signature of contractor



# PROFORMA OF REGISTERS

Form –XV (See Rule 77)

## Service Certificate

Name and Address of contractor

Nature and location of work

Name and address of Workman

Age or date of Birth

Identification marks

Father's/ Husband's Name

Name and address of establishment under which contract is carried on

Name and address of Principal Employer

Sl. No	Total Period for which employed		Nature of work done	Rate of wages (with particulars of unit in case of piece work)	Remarks
	From	To			
1	2	3	4	5	6

Signature

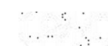
Signature of Contractor

Signature of Employer

## LIST OF ACTS AND OMISSIONS FOR WHICH FINES CAN BE IMPOSED

In accordance with rule 7(v) of the Contractor's Labour Regulations to be displayed prominently at the site of work both in English and local Language.

1. Willful insubordination or disobedience, whether alone or in combination with other.
2. Theft fraud or dishonesty in connection with the contractors beside a business or property of IIM Raipur.
3. Taking or giving bribes or any illegal gratifications
4. Habitual late attendance.
5. Drunkenness lighting, riotous or disorderly or indifferent behaviour
6. Habitual negligence.
7. Smoking near or around the area where combustible or other materials are locked
8. Habitual indiscipline.
9. Causing damage to work in the progress or to property of the IIM Raipur or of the contractor.
10. Sleeping on duty.
11. Malingering or slowing down work.
12. Giving of false information regarding name, age father's name, etc.
13. Habitual loss of wage cards supplied by the employers.
14. Unauthorized use of employer's property of manufacturing or making of unauthorized particles at the work place.
15. Bad workmanship in construction and maintenance by skilled workers which is not approved by IIM Raipur and for which the contractors are compelled to undertake rectifications.
16. Making false complaints and/or misleading statements.
17. Engaging on trade within the premises of the establishments.
18. Any unauthorized divulgence of business affairs of the employees.
19. Collection or canvassing for the collection of any money within the premises of an establishment unless authorized by the employer.
20. Holding meeting inside the premises without previous sanction of the employers.
21. Threatening or intimidating any workman or employer during the working hours within the premises.



## PROFORMA OF REGISTERS

Form –XIII (See Rule 78(2) (d))

### Register of Fines

Name and Address of contractor

Name and address of establishment under which contract is carried on

Nature and location of work

Name and address of Principal Employer

Sl No	Name of Workman	Father's / Husband's name	Designation / nature of employment	Act/ Omission for which fine imposed	Date of offence	Whether workman showed cause against fine	Name of person in whose presence employee's explanation was heard	Wage Period and wages payable	Amount of fine imposed	Date of which fine released	Remarks
1	2	3	4	5	6	7		9	10	11	12

Signature of Contractor

Signature of Employer

## PROFORMA OF REGISTERS

Form –XX (See Rule 78(2) (d))  
**Register of Deduction for Damage or loss**

Name and Address of contractor

Name and address of establishment under which contract is carried on

Nature and location of work

Name and address of Principal Employer

Sl No	Name of Workman	Father's / Husband's name	Designation / nature of employment	Particulars of damage or loss	Date of damag e of Loss	Whether workman showed cause against Deduction	Name of person in whose presence employee's explanation was heard	Amount of deduction imposed	No. of installment			Remarks
										First Installment	Last Installment	
1	2	3	4	5	6	7		9	10	11	12	13

Signature of Contractor

Signature of Employer

## PROFORMA OF REGISTERS

Form –XXII (See Rule 78(2) (d))

### Register of Advances

Name and Address of contractor

Name and address of establishment under which contract is carried on

Nature and location of work

Name and address of Principal Employer

Sl No	Name of Workman	Father's / Husband's name	Designation / nature of employment	Wages Period and wages payable	Date of amount of advance given	Purpose(s) for which advance made	Number of installment by which advance to be paid	Date of amount of which installment repaid	Date of amount of which Last installment repaid	Remarks
1	2	3	4	5	6	7	8	9	10	11

Signature of Contractor

Signature of Employer

## PROFORMA OF REGISTERS

Form –XXIII (See Rule 78(2) (e))

### Register of Overtime

Name and Address of contractor

Name and address of establishment under which contract is carried on

Nature and location of work

Name and address of Principal Employer

Sl No	Name of Workman	Father's / Husband's name	Sex	Designation / Nature of employment	Date on which Overtime Worked	Total Overtime worked or production in case of piece rated	Normal Rate of wages	Overtime rate wages	Overtime earning	Rate on which overtime paid	Remarks
1	2	3	4	5	6	7	8	9	10	11	12

Signature of Contractor

Signature of Employer

---

**APPENDIX XV**  
**Notice for appointment of Arbitrator [Refer Clause 25]**

To

The Chief Engineer/ADG/DGW  
..... (Zone or Region)  
.....

Dear Sir,

In terms of clause 25 of the agreement, particulars of which are given below, I/we hereby give notice to you to appoint an arbitrator for settlement of disputes mentioned below:

1. Name of applicant
2. Whether applicant is Individual/Prop. Firm/Partnership Firm/Ltd. Co.
3. Full address of the applicant
4. Name of the work and contract number in which arbitration sought
5. Name of the Division which entered into contract
6. Contract amount in the work
7. Date of contract
8. Date of initiation of work
9. Stipulated date of completion of work
10. Actual date of completion of work (if completed)
11. Total number of claims made
12. Total amount claimed
13. Date of intimation of final bill (if work is completed)
14. Date of payment of final bill (if work is completed)
15. Amount of final bill (if work is completed)
16. Date of request made to SE for decision
17. Date of receipt of SE's decision
18. Date of appeal to you
19. Date of receipt of your decision.

Specimen signatures of the  
applicant (only the person/authority  
who signed the contract should sign)

I/We certify that the information given above is true to the best of my/our knowledge. I/We enclose following documents.

1. Statement of claims with amount of claims.
- 2.
- 3.
- 4.

Yours faithfully,

(Signatures)

Copy in duplicate to:

1. The Engineer-in-Charge,  
.....Division.



## Appendix- XVI

### FORM OF APPLICATION BY THE CONTRACTOR FOR SEEKING RESCHEDULING OF MILESTONES [Refer Clause 5.3]

1. Name of the contractor
2. Name of work as given in the agreement
3. Agreement no.
4. Estimated amount put tender
5. Date of commencement of work as per agreement
6. Period allowed for completion of work as per agreement
7. Date of completion stipulated in agreement
8. Rescheduling of milestones done previously

Milestone No. Already Rescheduled	Engineer-in-Charge Letter No. and Date	Rescheduling of Milestones Done	
		Original Date	Rescheduled Date
(A) 1st Milestone			
(B) 2nd Milestone			

#### Rescheduling of Milestone applied for

Milestone No. For Which Rescheduling is Applied	Original / Rescheduled Date	Details And Period of Hindrances	Comments of Executive Engineer	Proposed Rescheduled Date of
A) 1st Milestone				
B) 2nd Milestone				
.....				

Submitted to the Sub Divisional Officer

Signature of Contractor  
Dated

## Form of Earnest Money Deposit

### Bank Guarantee Bond

WHEREAS, contractor..... (Name of contractor) (hereinafter called "the contractor") has submitted his tender dated ..... (date) for the construction of ..... (name of work) (hereinafter called "the Tender")

KNOW ALL PEOPLE by these presents that we ..... (name of bank) having our registered office at ..... (hereinafter called "the Bank") are bound unto ..... (Name and division of Executive Engineer) (hereinafter called "the Engineer-in-Charge") in the sum of Rs. .... (Rs. in words ..... ) for which payment well and truly to be made to the said Engineer-in-Charge the Bank binds itself, his successors and assigns by these presents.

SEALED with the Common Seal of the said Bank this ..... day of ..... 20... . THE CONDITIONS of this obligation are:

- (1) If after tender opening the Contractor withdraws, his tender during the period of validity of tender (including extended validity of tender) specified in the Form of Tender;
- (2) If the contractor having been notified of the acceptance of his tender by the Engineer-in-Charge:
  - (a) fails or refuses to execute the Form of Agreement in accordance with the Instructions to contractor, if required;

OR

- (b) fails or refuses to furnish the Performance Guarantee, in accordance with the provisions of tender document and Instructions to contractor,

We undertake to pay to the Engineer-in-Charge either up to the above amount or part thereof upon receipt of his first written demand, without the Engineer-in-Charge having to substantiate his demand, provided that in his demand the Engineer-in-Charge will note that the amount claimed by him is due to him owing to the occurrence of one or any of the above conditions, specifying the occurred condition or conditions.

This Guarantee will remain in force up to and including the date\* ..... after the deadline for submission of tender as such deadline is stated in the Instructions to contractor or as it may be extended by the Engineer-in-Charge, notice of which extension(s) to the Bank is hereby waived. Any demand in respect of this Guarantee should reach the Bank not later than the above date.

DATE .....

SIGNATURE OF THE BANK

WITNESS .....

SEAL

(SIGNATURE, NAME AND ADDRESS)

\*Date to be worked out on the basis of validity period of 90 days for single bid works and 120 days for two bid system from last date of receipt of tender.

## Form of Performance Security (Guarantee)

### Bank Guarantee Bond

## FORM FOR BANK SECURITY

In consideration of the Indian Institute of Management, Raipur (hereinafter called "IIM Raipur") having offered to accept the terms and conditions of the proposed agreement between.....and..... (hereinafter called "the said Contractor(s)") for the work..... (hereinafter called "the said agreement") having agreed to production of an irrevocable Bank Guarantee for Rs. .... (Rupees

..... only) as a security/guarantee from the contractor(s) for compliance of his obligations in accordance with the terms and conditions in the said agreement.

1. We, ..... (hereinafter referred to as "the Bank") hereby undertake to pay to IIM Raipur an amount not exceeding Rs. .... (Rupees..... Only) on demand by IIM Raipur.
  2. We, .....(indicate the name of the Bank) do hereby undertake to pay the amounts due and payable under this guarantee without any demure, merely on a demand from IIM Raipur stating that the amount claimed as required to meet the recoveries due or likely to be due from the said contractor(s). Any such demand made on the bank shall be conclusive as regards the amount due and payable by the bank under this Guarantee. However, our liability under this guarantee shall be restricted to an amount not exceeding Rs. .... (Rupees .....only)
  3. We, the said bank further undertake to pay IIM Raipur any money so demanded notwithstanding any dispute or disputes raised by the contractor(s) in any suit or proceeding pending before any court or Tribunal relating thereto, our liability under this present being absolute and unequivocal. The payment so made by us under this bond shall be a valid discharge of our liability for payment thereunder and the Contractor(s) shall have no claim against us for making such payment.
  4. We, ..... (indicate the name of the Bank) further agree that the guarantee herein contained shall remain in full force and effect during the period that would be taken for the performance of the said agreement and that it shall continue to be enforceable till all the dues of IIM Raipur under or by virtue of the said agreement have been fully paid and its claims satisfied or discharged or till Engineer-in-Charge on behalf of IIM Raipur certified that the terms and conditions of the said agreement have been fully and properly carried out by the said Contractor(s) and accordingly discharges this guarantee.
  5. We, ..... (indicate the name of the Bank) further agree with IIM Raipur that IIM Raipur shall have the fullest liberty without our consent and without affecting in any manner our obligation hereunder to vary any of the terms and conditions of the said agreement or to extend time of performance by the said Contractor(s) from time to time or to postpone for any time or from time to time any of the powers exercisable by IIM Raipur against the said contractor(s) and to forbear or enforce any of the terms and conditions relating to the said agreement and we shall not be relieved from our liability by reason of any such variation, or extension being granted to the said Contractor(s) or for any forbearance, act of omission on the part of IIM Raipur or any indulgence by IIM Raipur to the said Contractor(s) or by any such matter or thing whatsoever which under the law relating to sureties would, but for this provision, have effect of so relieving us.
  6. This guarantee will not be discharged due to the change in the constitution of the Bank or the Contractor(s).
  7. We, ..... (indicate the name of the Bank) lastly undertake not to revoke this guarantee except with the previous consent of IIM Raipur in writing.
  8. This guarantee shall be valid up to .....unless extended on demand by IIM Raipur. Notwithstanding anything mentioned above, our liability against this guarantee is restricted to Rs. .... (Rupees ..... ) and unless a claim in writing is lodged with us within six months of the date of expiry or the extended date of expiry of this guarantee all our liabilities under this guarantee shall stand discharged.
- Dated the .....day of .....for.....(indicate the name of the Bank)

**PROFORMA FOR AGREEMENT**  
(ON NON-JUDICIAL STAMP PAPER OF APPROPRIATE VALUE)

**Contract Agreement**

**(Agreement No. ....)**

THIS AGREEMENT made on ..... at ..... for the work of ..... between ....., acting through ..... (herein after referred to as '.....' or 'the Employer' which expression shall unless it be repugnant to the subject or context on meaning thereof include its successors and assign or assigns) of the one part and ..... and having its registered office at ..... in the state of ..... (hereinafter called the said Contractor which expression shall unless the context required otherwise include its successor and assign)

WHEREAS the ....., the Employer, desires that the Works known as for the work of ..... name of the Contract. Should be executed by the Contractor, and (he Employer has accepted the tender submitted by the Contractor for the execution and completion of the Work and the remedying of any defects therein,

WHEREAS The contractor has deposited with the .....the Bank Guarantee of Rs. ....being the Performance Security Deposit and undertakes to pay the Security Deposit by allowing the ..... to deduct amount from the running bills payable to him with the rate- specified in the conditions of contract.

NOW THIS AGREEMENT WITNESS AND IT IS HEREBY AGREED BY ANDBETWEENTHEPARTIES AND DECLARED AS FOLLOWS:

1. In this Agreement words and expressions shall have the same meanings as are respectively assigned to them in the Contract documents referred to.
2. This Agreement shall prevail over all other Contract documents. The following documents shall be deemed to form and be read and construed as part of this agreement :-
  - a. The Letter of acceptance for contract;
  - b. The tender submitted by the tenderer;
  - c. Correspondence Letter
    - i. Letter No. ....
    - ii. Letter No. ....

iii. Letter No. ....

d. Addendum to the tender document if any

e. The Special Conditions of Contract

f. The Contract data

g. The General Conditions of Contract;

h. The Specification

i. The Drawings;

3. In consideration of the payments to be made to the contractor for the work to be executed by him the contractor shall and will duly provide, execute and complete the said work on or before the dates mentioned in the tender document/contract document and shall maintain the same at his own cost for the defects liability period thereafter, perform all such acts and things in the contract mentioned or described or which are to be implied there from or may be reasonably necessary for the completion of the said works and at the times and the manner subject to the terms and conditions or stipulations mentioned in the contract.

4. In consideration of the due provision, execution and completion of the said work, the IIM Raipur does hereby agree with the contractor that the IIM Raipur will pay to the contractor the respective amount for the work actually done by him at the rates quoted and such other sums as may become payable to the contractor under the provisions of the contract, such payment to be made at such time and in such manner as provided for in the agreement.

5. In consideration of the due provision, execution and completion of the said work contractor does hereby agree to pay to the IIM Raipur the amount as may be due to IIM Raipur for the service if any rendered by the ..... to the contractor and such other sum or sums as may become payable to the ..... towards loss, damage to the IIM Raipur's equipment, materials, construction plant and machinery, including those hired to the contractor, if any asset forth in the said conditions of contract, such payments to be made at such time and in such manner as provided in the contract.

6. All disputes arising out of or in any way connected with his agreement shall be deemed to have arisen in Raipur and only the courts in Raipur shall have jurisdiction to determine the same.

7. All parts of this contract have been read by us and fully understood by us.

8. This agreement has been signed in duplicate on non-judicial papers No ..... and .....

IN WITNESS WHEREAS THE PARTIES HAVE EXECUTED THESE PRESENT IN DUPLICATE THE DAY AND YEAR FIRST MENTIONED ABOVE.

SIGNED AND DELIVERED FOR AND ON BEHALF OF.....

Signature: \_\_\_\_\_

## PROFORMA FOR AGREEMENT

Designation: \_\_\_\_\_

In the presence of witness

1. Signature: \_\_\_\_\_

Name & Address-

2. Signature: \_\_\_\_\_

Name & Address-

### SIGNED AND DELIVERED FOR AND ON BEHALF OF CONTRACTOR

Signature: \_\_\_\_\_

Authorized Representative: \_\_\_\_\_

\_\_\_\_\_

In the presence of witness

1. Signature: \_\_\_\_\_

Name & Address-

2. Signature: \_\_\_\_\_

Name & Address-

## PROFORMA OF SCHEDULES

(Separate Performa for Civil, Elect. & Hort. Works in case of Composite Tenders)  
 (Operative Schedules to be supplied separately to each intending tenderer)

**SCHEDULE 'A'**

Schedule of quantities: -Enclosed

**SCHEDULE 'B'**

Schedule of materials to be issued to the contractor.

S.No.	Description of item	Quantity	Unit	Rates in figures & words at which the material will be charged to the contractor	Place of Issue
1	2	3	4	5	6
1	Nil	Nil	Nil	Nil	Nil

**SCHEDULE 'C'**

Tools and plants to be hired to the contractor

Sl.No.	Description	Hire charges per day	Place of Issue
1	2	3	4
Nil	Nil	Nil	Nil

**SCHEDULE 'D'**

Extra schedule for specific requirements/document for the work, if any.

Sl No.	Schedule / Document
1	Special conditions of Contract
2	Technical Specifications
3	List of Approved Makes
4	Drawings

**SCHEDULE 'E'**

Reference to General Conditions of contract: - *As attached*

Name of work: - *Development of Phase 1 Campus including Buildings for IIM Raipur at Naya Raipur SH: SITC of Kitchen Equipment for Dining Block and Cafeteria (2<sup>ND</sup> CALL)*

Estimated cost of work: - ₹ 42,58,531

(i) Earnest money: - ₹ 90,000

(to be returned after receiving performance guarantee)

(ii) Performance Guarantee : - 5% of tendered value.

(iii) Security Deposit : - 2.5% of tendered value.



# PROFORMA OF SCHEDULES

## SCHEDULE 'F'

GENERAL RULES : Officer inviting tender : - *Director, IIM Raipur*  
& DIRECTIONS

Maximum percentage for quantity of items of work  
to be executed beyond which rates are to be  
determined in accordance with Clauses 12.2 & 12.3.

See below

### Definitions:

- 2(v) Engineer-in-Charge: - *As mentioned in the work order*  
2(viii) Accepting Authority: - *Director, IIM Raipur*  
2(x) Percentage on cost of materials and  
labour to cover all overheads and profits: - *15%*  
2(xi) Standard Schedule of Rates: - *Delhi Schedule of Rates 2014 with upto date correction slip*  
2(xii) Department: - *IIM Raipur*  
9(ii) Standard contract Form GCC 2014,  
as modified & corrected upto: - *As attached herewith and corrected upto last date of submission of  
tender*

### Clause 1

- (i) Time allowed for submission of Performance Guarantee  
from the date of issue of letter of acceptance: - *7 Days*  
(ii) Maximum allowable extension with late fee @ 0.1% per day  
of Performance Guarantee amount beyond the period  
provided in (i) above .....: - *21 Days*

### Clause 2

Authority for fixing compensation under clause 2.: -  
*nominated by Director, IIM Raipur*

*Chief Engineer / Engineer-in-Chief,*

### Clause 2A

Whether Clause 2A shall be applicable: -

*No*

### Clause 5

Number of days from the date of issue of letter  
of acceptance for reckoning date of start: -

*15 Days*

Mile stone(s) as per table given below:-

SI No.	Description of Milestone (Physical)	Time Allowed in days (from date of start)	Amount to be with-held in case of non achievement of milestone
1	Submission of Shop Drawings and Data Sheet	20 Days	Rs.200000
2	Completion of work	90 Days	Rs. 500000

Time allowed for execution of work: - *3 months*

### Authority to decide:

- (i) Extension of time : - *Chief Engineer / Engineer-in-Chief, nominated by Director, IIM Raipur*  
(ii) Rescheduling of mile stones: - *Superintending Engineer, nominated by Director, IIM Raipur*

Signature of Contractor

Signature of Employer

(iii) Shifting of date of start in case of delay in handing over of site: -*Superintending Engineer, nominated by Director, IIM Raipur*

## Clause 6, 6A

Clause applicable - (6 or 6A) : - 6A

## Clause 7

Gross work to be done together with net payment /adjustment of advances for material collected, if any, since the last such payment for being eligible to interim payment : - ₹ 7,00,000.00

## Clause 10A

List of testing equipment to be provided by the contractor at site lab.

*Not Applicable*

## Clause 10B(ii)

Whether Clause 10 B (ii) shall be applicable: - No

## Clause 10C

Component of labour expressed as percent of value of work : - 25%

## Clause 10CA

*Clause 10CA not applicable*

\* includes Cement component used in RMC brought at site from outside approved RMC plants, if any.

\*\* Base price and its corresponding period of all the materials covered under clause 10 CA is to be mentioned at the time of approval of NIT. In case of recall of tenders, the base price may be modified by adopting latest base price and its corresponding period.

## Clause 10CC

Clause 10 CC to be applicable in contracts with stipulated period of completion exceeding the period shown in next column: - 15 Months

Schedule of component of other Materials, Labour etc. for price escalation.

Component of civil (except materials covered under clause 10CA) /Electrical construction value of work. - Xm=

Component of Labour - expressed as percent of total value of work. Y=

## Clause 11

Specifications to be followed for execution of work: - CPWD Specification 2009 with upto date correction slip

## Clause 12

Type of work: - Project and original work

12.2 & 12.3 Deviation Limit beyond which clauses

## PROFORMA OF SCHEDULES

- 12.5 12.2 & 12.3 shall apply for building work: - 50%
- (i) Deviation Limit beyond which clauses 12.2 & 12.3 shall apply for foundation work (except items mentioned in earth work subhead in DSR and related items): - 100%
- (ii) Deviation Limit for items mentioned in earth work subhead of DSR and related items: - 100%

### Clause 16

Competent Authority for deciding reduced rates.: - *Chief Engineer / Engineer-in-Chief, nominated by Director, IIM Raipur*

### Clause 18

List of mandatory machinery, tools & plants to be deployed by the contractor at site:-

Sl No.	Description	Number
1	As per requirement	As per requirement

### Clause 25

Constitution of Dispute Redressal Committee (DRC)

Sl. No.	Designation of Committee members	Post held by Committee members
1	Chairman	Chairman, Construction Committee of IIM Raipur
2	Member	One Professor of NIT/IIT as nominated by Director, IIM Raipur
3	Member	Engineer-in-Charge (Engineering), NRDA
4	Member	Chief Administrative Officer, IIM Raipur
5	Member	FA & CAO, IIM Raipur

### Clause 36 (i)

**Requirement of Technical Representative(s) and recovery Rate**

Cost of Work (RS. in Crore)	Requirement of Technical Staff		Minimum experience (Years)	Designation	Rate at which recovery shall be made from the contractor in the event of not fulfilling provision of clause 36(i)
	Qualification	Number			
Up to 5 Crore	Graduate Engineer or Diploma Engineer	1	5 or 10 respectively	Project Engineer	Rs. 25,000/- per month per person
	Diploma Engineer	1	8	Site Engineer	Rs. 15000/- per month per person

## PROFORMA OF SCHEDULES

Assistant Engineers retired from Government services that are holding Diploma will be treated at par with Graduate Engineers.

Diploma holder with minimum 10 year relevant experience with a reputed construction company can be treated at par with Graduate Engineers for the purpose of such deployment subject to the condition that such diploma holders should not exceed 50% of requirement of degree engineers.

### Clause 42

- (I) (a) Schedule/statement for determining theoretical quantity of cement & bitumen on the basis of : - *Delhi Schedule of Rates 2014 printed by CPWD with upto date correction slip*

- (ii) Variations permissible on theoretical quantities: -

*Not Applicable*

Recovery rates for quantities beyond permissible variation:-

*Not Applicable*

## **Special Conditions of Contract**

1. The contents of special conditions take precedence over the general 'Clauses of Contract'.
2. Within 15 days of issuance of Letter of Intent (LOI) or signing of contract, whichever is earlier, the contractor shall submit his construction plan with following details in accordance to the requirements given in the 'clauses of contract'
3. The contractor shall give notice to the Engineer-in-charge whenever the works are likely to be delayed or disrupted if any necessary drawing or instruction is not issued to the contractor within a particular time, which shall be reasonable. The notice shall include details of the necessary drawing or instruction, details of why and by when it should be issued, and details of the nature and amount of the delay or disruption likely to be suffered if it is late.
4. The contractor shall make his own arrangements for water and for obtaining electric connections if any and make necessary payments directly to the State Govt. departments concerned. Contractor shall get the water tested from laboratory approved by the Engineer-in-charge at regular interval as per the latest CPWD Specifications. All expenses towards collection of samples, packing, transportation etc. shall be borne by the contractor.  
Notwithstanding anything contained in the clauses of contract including clause 31 A of clauses of contract, water and electricity if provided by IIM Raipur, water and electricity charges shall be recovered @ 1% on gross amount of the work done (water charges @ 0.25% and electricity charges @ 0.75%).
5. Work shall normally be done in a single shift/day. However, if the work is required to be executed in more than one shift in a day for meeting the time lines, the Contractor with prior approval of the Engineer—in-charge, shall have to make necessary arrangements for the same and all costs towards the same shall be deemed to have been included in the quoted rates.
6. The contractor shall, in performing the contract, comply with applicable rules and laws. Unless otherwise stated, the contractor shall give all notices, pay all taxes, duties and fees, and obtain all permits, licenses and approvals, as required by the laws in relation to the execution and completion of the works and remedying of any defects; and the contractor shall indemnify and hold the institute harmless against and from the consequences of any failure to do so.
7. The contractor shall set out the works in relation to original points, lines and levels of reference specified on the contract or notified by the engineer-in-charge. The contractor shall be responsible for the correct positioning of all parts of the works, and shall rectify any error in the positions, levels, dimensions or alignment of the works.
8. The contractor shall:
  - a. Comply with all applicable safety regulations,
  - b. Take care for the safety of all persons on the site,
  - c. Use reasonable efforts to keep the site and works clear of unnecessary obstruction so as to avoid danger to these persons,
  - d. Provide fencing, lighting, guarding and watching of the works until completion and taking over
  - e. Provide any temporary works (including roadways, footways, guards and fences) which may be necessary, for the execution of the works, for the use and protection of the public and of owners and occupiers of adjacent land.
  - f. The contractor shall not use any project building, Roads, Facility, article for his/construction use without permission of Engineer in charge.
  - g. not be allowed to use Lifts by labour or for carriage of materials unless it is approved by Engineer in- charge.

## 9. Security and traffic arrangements

In the event of any restrictions being imposed by the Security agency of IIM Raipur / Traffic or any other authority having jurisdiction in the area on the working or movement of labour /material, the contractor shall strictly follow such restrictions and nothing extra shall be payable to the contractor on such accounts. The loss of time on these accounts, if any, shall have to be made up by augmenting additional resources whatever required.

The contractor is required to make his own arrangements to provide huts for labourers as is acceptable to local bodies and nothing extra shall be paid on this account. He shall make his own arrangements for stores, field office etc. Before tendering, he shall visit the site and assess the manner in which he is able to arrange the above facilities. The Engineer-in-Charge shall in no way be responsible for any delay on this account and no claim, whatsoever, on this account shall be entertained.

No payment shall be made for any damage caused by rain, snowfall, flood or any other natural calamity, whatsoever during the execution of the work. The contractor shall be fully responsible for any damage to the govt. property and the work for which payment has been advanced to him under the contract and he shall make good the same at his risk and cost. The contractor shall be fully responsible for safety and security of his material, T&P/Machinery brought to the site by him.

## 12. REQUIREMENTS FOR INSURANCE

a.All insurance shall be affected with an Insurance Company approved by IIM Raipur

b.The Contractor shall at his own expense arrange for all insurance policies, including workmen compensation policy as applicable, Contractor's All Risk policy (CAR Policy) and all risk policy shall be 1.15 times the amount of the Contract and shall be effective from the date of commencement of Work(s) until final completion of the Work(s) also taking into consideration the defects liability period, against all of the following risks.

I. Injuries and damage of persons, property, machinery, equipment, vehicles, animals or things, within or outside the site, arising out of his operations or of any sub-Contractors, nominated or otherwise, or out of any actions of his employees, agents or representatives, minimum limited to Rs. 10,00,000 (Rupees Ten Lakhs) and maximum limit is unlimited per accident

II. Injuries to his or any Sub-Contractors employees.

III. Damage to or loss of the property, equipment, and materials at site, of the Owner, Contractor and all Sub-Contractors, as a result of natural causes such as lightning, storm, flood, rain, fire, earthquake, explosion, landslide, etc.

IV. Damage and injuries to persons, property and materials arising out of riot and civil commotion, theft, sabotage malicious acts, terrorist activities, flood, water logging, fire, etc.

c. The insurance policy or policies to cover risks of every nature shall be in the joint names of the IIM Raipur and Contractor, and the original of such policy/policies shall be lodged with the Engineer-in- Charge. The Contractor shall also lodge the premium receipts with the Engineer-in- Charge.

d. If the Contractor fails to arrange the requisite insurance or fails to renew the policies, IIM Raipur shall arrange for obtaining the requisite insurance policies and or renew them and recover the cost of all premiums from the Contractor and/or subsequently deduct such amount from the payments due and payable by the Owner to the Contractor from the bills raised by the Contractor in respect of the Work(s) executed.

e. No certificate of payment shall be issued by the Engineer-in-charge whether for an interim or of the final bill raised by the Contractor if the Contractor fails to arrange for total insurance cover.

- f. The Contractor shall reinstate in a manner approved by the Engineer-in-Charge all damage of every sort caused entirely at his cost so as to deliver up to the Owner the whole of the Work(s) complete and perfect in all respects, and so certified by the Engineer-in-Charge and also make good or otherwise satisfy all claims for damage to property of third parties.
  - g. The Contractor shall be responsible for anything within his control and for all risks and consequences, which are not included in the purview of the insurance policies.
  - h. The insurance cover shall stand extended until final completion of the Works and the contract and shall also cover the defects liability period.
  - i. The Contractor undertakes not to cancel any insurance policy nor reduce its scope without the written consent of the Engineer-in-Charge.
  - j. The Contractor undertakes to file necessary insurance claims jointly with the Owner and also to join the Owner in filing any claim the Owner chooses to.
  - k. Payments against all insurance claims shall be received in the name of the Owner and commensurate adjustments shall be made in accounts with the Contractor.
  - l. The afore said insurance policy/policies shall not be cancelled till the Engineer-in-Charge has agreed to their cancellation.
  - m. The Contractor shall prove to the Engineer—in—Charge from time to time that it has taken out all insurance policies referred to above and has paid the necessary premium for keeping the policies alive till the end of the defects liability period.
  - n. The Contractor shall ensure that similar insurance policies are taken out by his Sub—Contractor (if any) and shall be responsible for any claims of losses to the Owner resulting from their failure to obtain adequate insurance protections in connection thereof. The Contractor shall also obtain the originals of the policies and the premium receipts from the Sub—Contractor and shall lodge the same with the Engineer-in-Charge.
- 13. Details of all procedures and compliance documents shall be submitted to the Engineer-in-charge for information before each execution stage is commenced. When any document of a technical nature is issued to the engineer-in-charge, evidence of the prior approval by the contractor himself shall be apparent on the document itself. Compliance with the quality assurance system shall not relieve the contractor of any of his duties, obligations or responsibilities under the contract.
- 14. . The work shall generally be carried out in accordance with the specification mentioned in the contract and latest CPWD Specifications with up to date correction slips, additional/Particular Specifications, drawings and as per instructions of Engineer-in-Charge. Any additional item of the work, if taken up subsequently, shall also confirm to the relevant CPWD specifications as mentioned above. Working drawings will be released to the contractor commensurate to the construction schedule approved by Engineer In Charge.
  - a. The several documents forming the tender are to be taken as mutually complementary to one another. Detailed drawings shall be followed in preference to small scale drawings and figured dimensions in preference to scale dimensions.
  - b. In case, there be any difference or discrepancy between the description of items as given in the schedule of quantities, particular specifications for individual items of work (including special conditions) and IS Codes etc., the following order of precedence shall be observed.
    - I. Description of items as given in Schedule of quantities
    - II. Technical specifications / particular specification
    - III. Special conditions
    - IV. Additional Conditions
    - V. Tender drawings attached

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- VI.** CPWD Specifications, CPHEEO, ASHRAE and any other standard(s) mentioned in technical specifications including correction slips issued up to the last date of uploading/submission of tender.
    - VII.** General Conditions of Contract including correction slips issued up to the last date of uploading/submission of tender.
    - VIII.** Indian Standards Specifications of B.I.S.
    - IX.** ASTM, BS, or other foreign origin codes mentioned in tender document.
    - X.** Manufacturer's specifications and as decided by the Engineer-in-Charge.
    - XI.** Sound Engineering practices or well established local construction practices.
  - 15.** The works to be governed by this contract shall cover delivery and transportation up to destination, safe custody at site, insurance, erection, testing and commissioning of the entire works.
  - 16.** The works to be undertaken by the contractor shall inter-alia include the following:
    - a.** Preparation of detailed Shop drawings and coordinated drawing.
    - b.** The contractor shall submit material submittals along with material sample for approval of Engineer-in-Charge prior to delivery of material at site.
    - c.** Pre-commissioning tests as per relevant standard specifications, code of practice, Acts and Rules wherever required.
    - d.** Warranty obligation for the equipment and/ or fittings/fixtures supplied by the contractor. All the items supplied by the contractor shall have an on-site warranty for a period of 01 year after the completion of work or handing over of the installed systems to IIM Raipur whichever is later.
    - e.** Preparation of As-built drawings.
  - 17.** The contractor shall be required to submit the following minimum documents as approved by the engineer-in-charge along with the bills. Engineer-in-charge may require any additional documents to process the bill which shall be submitted by the contractor without fail.
    - a.** Certified measurement book (computerized),
    - b.** Quality certificate along with test reports, such as Pre dispatch (Factory) test reports and Laboratory test (On site and outside test reports ) as directed by EIC.
    - c.** Cumulative statement of payments made till date,
    - d.** Proof that all due payments have been given to its sub—contractor and deposited into the account of statutory authorities like for PF, ESI, etc.
  - 18.** After completion of work and before issuance of certificate of virtual completion, the contractor shall submit the duly approved drawings mentioning “as installed” drawings to the Engineer-in-charge in the format as follows:
    - a.** Three (3) sets of layout drawing drawn at appropriate scale and
    - b.** Three (3) nos. of Compact discs (with editable provisions and without any password protection)
  - 19.** The contractor shall submit instruction manuals, guarantee/warranty cards (stamped & signed along with purchase bill), operation and maintenance manuals in English for the use, operation and the maintenance of the supplied equipment and installations, and submit to the Engineer-in-charge in (3) copies at the time of handing over. The manuals shall get generally consist of the following
    - a.** Description of the project
    - b.** Operating instructions
    - c.** Maintenance instructions including procedures for preventive maintenance
    - d.** Manufacturer's catalogues.
    - e.** Spare parts list
    - f.** Trouble shooting charts



- g** Drawings
- h** Type and routine test certificates for major items.
- i.** One (1) set of reproducible 'as built' drawings.

**20.** The language for written communication shall be English.

**21.** The list of approved makes is provided in the tender document which shall be used by the contractor during the construction. It is deemed that the rates quoted by the contractor have considered the approved makes only. Wherever in any item a catalogue number is mentioned along with the brand name, an equivalent product of the brands mentioned in the list of approved makes of materials shall be allowed. However, the data sheets along with all other details of the product shall be got approved from Engineer-in-Charge before procurement. The technical details of benchmark product and the product contractor wish to use in the work shall be supplied by the contractor.

**22.** The nomenclature of the item given in the schedule of quantities gives in general the work content but is not exhaustive i.e. does not mention all the incidental works required to be carried out for complete execution of the item of work. The work shall be carried out, in accordance with true intent and meaning of the specifications and the drawings taken together, regardless of whether the same may or may not be particularly shown on the drawings and/or described in the specifications, provided that the same can be reasonably inferred there from may be several incidental works, which are not mentioned in the nomenclature of each item but will be necessary to complete the item in all respect. All these incidental works / costs which are not mentioned in item nomenclature but are necessary to complete the item shall be deemed to have been included in the rates quoted by the contractor for various items in the schedule of quantities. No adjustment of rates shall be made for any variation in quantum of incidental works due to variation / change in actual working drawings. Also, no adjustment of rates shall be made due to any range in incidental works or any other deviation in such element of work (which is incidental to the items of work and are necessary to complete such items in all respects) on account of the directions of Engineer-in-Charge. Nothing extra shall be payable on this account.

**23.** The contractor(s) shall give to the local body, police and other authorities all necessary notices etc. that may be required by law and obtain all requisite licenses for temporary obstructions, enclosures etc. and pay all fee, taxes and charges which may be leviable on account of these operations in executing the contract. He shall make good any damage to the adjoining property whether public or private and shall supply and maintain lights either for illumination or for cautioning the public at night.

**24.** The Contractor shall bear all incidental charges for cartage, storage and safe custody of materials, if any, issued by department as well as to those materials also arranged by the contractor.

**25.** The contractor shall give performance test of all the systems per the specifications in the presence of the Engineer-in-Charge or his authorized representative before the work is finally accepted and nothing extra whatsoever shall be payable to the contractor for such test.

**26.** The rates quoted by the bidder in respect of individual item shall be deemed to have included all royalties, tolls, duties, local and other levies, taxes including GST, insurances, EPF, ESI etc. EPF & ESI on the part of Employer shall be borne by the contractor and nothing shall be reimbursed on this account by IIM Raipur. IIM Raipur shall not be responsible for payment of any applicable tax including GST over and above quoted rates.

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## 27. TERMS OF PAYMENT

Stage Payment for SITC (Supply, installation, testing and commissioning items, the payment terms shall be as mentioned below:

- a. 60 % payment on supply of the system at site in good condition.
- b. 15 % payment after installation
- c. 15% payment after testing, commissioning, trial run & handing over for beneficial use.
- d. 10% after 6 months after date of completion

For each stage contractor has to raise bill as per tender conditions.

28. Testing charges including supply of samples, packaging and sending the laboratory, if any, shall be borne by contractor.
29. Other contractors are also working at site. The contractor has to work in close co-ordination of other contractors. In case on any damage or defacement of finishes / structure whether completed or under finishing stage by the contractor the same shall be rectified by the contractor whose labour has damaged or defaced the finishes/ structure. If the contractor fails to rectify the same, the same shall be got done at risk and cost or as deemed fit by Engineer-in-charge.

In some of the buildings, keys will be handed over to the contractor along with all fixed inventories and finishing completed. In such cases, the contractor has to keep watch and ward of the building/inventory/finishing, etc. and the keys shall be returned along with the inventories/finishing in good condition after the work is completed. Any defacement/damage etc. shall be rectified by the contractor to the satisfaction of the Engineer-In-Charge. In case of default, same shall be rectified at the risk & cost of the contractor.


30. Existing toilets shall not be allowed to be used by the labour. For working labour portable toilets shall be arranged by the contractor in working area.
31. The working site area shall be kept clean. All garbage /packaging materials etc. shall be disposed off properly.
32. Unless otherwise specified, all item in which installation is included in the item of work necessary installation kit, if any, required shall be included in the quoted rate of item. Installation may be in the ceiling or on wall or any surface as per detailed drawing and as per direction of Engineer in-charge.
33. Notwithstanding anything contained under Clauses of contract, all cost of EPF & ESI shall be borne by the contractor. Neither extra payment nor reimbursement shall be made on this account.
34. Notwithstanding anything contained under Clauses of contract, no escalation shall be paid under Clause 10CA and Clause 10CC.
35. The construction site is registered for GRIHA LD. Therefore, all supply, safety arrangements, facilities for labour etc. shall be as per GRIHA norms and as directed by Engineer-in-Charge.
36. The financial implications for above requirements shall be deemed to be included in quoted rates and nothing extra shall be paid on these accounts.
37. Kitchen equipment contractor shall follow the special instruction before start of any technical requirement for the project as mentioned below:
  - a) Technical data sheet/specifications to be approved by Engineer In-Charge
  - b) Selected vendors must be submitting shop drawings according to specifications for final approval to Engineer In-Charge.
38. If the agencies have the facility to manufacture the items for which photographs has been attached/make has been specified in the tender document, supply of the same from their own factory may be accepted, however, same should be as per specifications and drawings/photographs attached in the tender document. Shop drawings for such items will be required to be get approved before start of manufacturing.

# **TECHNICAL SPECIFICATIONS**

**Signature of Contractor**

**Signature of Employer**

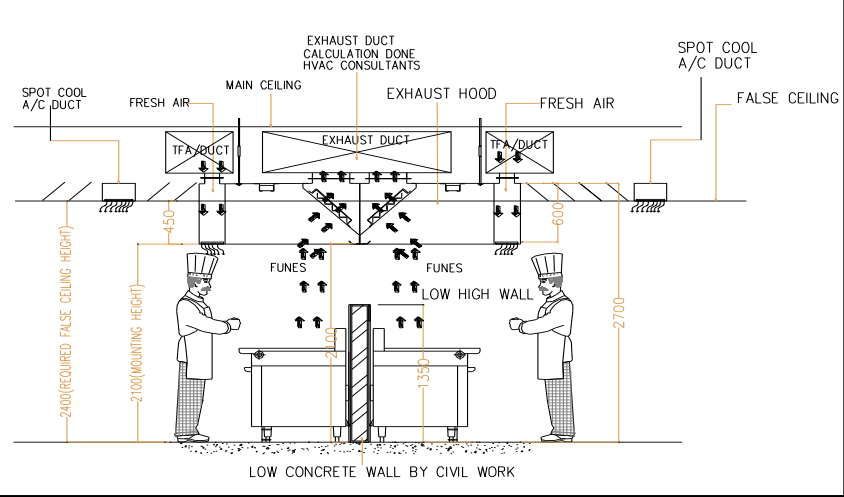
**TENDER DOCUMENT WITH SPECIFICATIONS OF  
FIRE SUPPRESSION SYSTEMS**

ITEM CODE	QTY	DESCRIPTION OF EQUIPMENTS	
SC-80	1		
SC-117	1		
SC-159	1		
TOTAL	3	FIRE SUPPRESSION SYSTEMS	
		MAKE:- SWASTIK SYNERGY/ CEASEFIRE / BUCKEYE	
		REFERENCE SIZES OF EXHAUST HOOD	
SC-79	1	Item code SC-80, suitable for hood ITEM CODE-SC-79 size 5800mm(+/- 5%) X 2400mm (2000mm+200mm+200mm where "200mm+200mm" stands for vertical 200mm wide plenum, single or both side) X 600mm (ISOLATED TYPE)	
SC-116	1	Item code SC-117, suitable for hood ITEM CODE-SC-116 size 7000mm(+/- 5%) X 2400mm(2000mm+200mm+200mm where "200mm+200mm" stands for vertical 200mm wide plenum, single or both side)X 600mm (ISOLATED TYPE)	
SC-158	1	Item code SC-159, suitable for hood ITEM CODE-SC-158 size 2700 x 1300 x 600mm (AGAINST WALL)	
TECHNICALS		SPECIFICATION	
PLUMBING			
COLD	1/2"	CONSTRUCTION:-	
HOT		automatic, pre-engineered, fire suppression system	
WASTE		wet chemical, cartridge operated,	
		regulated pressure type system	
ELECTRIC		and (5) nos low proximity duct nozzles and sensors	
POWER		automatic deflection and actuation system with manual pull down handle	
VOLTAGE	230-50-1PH	electrical gas line shut-off provision	
		equipment should supplied & installed by manufacturer in individual exhaust hood	
GAS		provide sch. 80-C classGI pipe & fittings with all installation accessories as per site requirement	
BTU		system installation in hood should be quoted alongwith material	
KW		to be supplied with all accessories and attachments	
		Nozzel to be calculated by supplier on the basis of Exhaust hood sizes	
EXHAUST			
CFM			
ACCESORIES			
SPECIAL NOTE			
* While submitting the quote, Vendor shall forward detail equipment catalogue cut-sheets for each of the equipment quoted.			
* Cut-sheet shall be clearly marked with Item-no of the equipment and the quantity along with details related			
* to accessories and electrical characteristics.			

Signature of Contractor

Signature of Employer

**TENDER DOCUMENT WITH SPECIFICATIONS OF  
EXHAUST HOOD**

ITEM CODE	QTY	DESCRIPTION	EXHAUST HOOD
SC-79	1	size 5800mm (+/- 5%) X 2400mm (2000mm+200mm+200mm where "200mm+200mm" stands for vertical 200mm wide plenum, single or both side) X 600mm	
SC-116	1	size 7000mm (+/- 5%) X 2400mm (2000mm+200mm+200mm where "200mm+200mm" stands for vertical 200mm wide plenum, single or both side) X 600mm	
TOTAL	2		
		MAKE: SIMPLE / KUMAR/ KONCEPT	
TECHNICALS			SPECIFICATION
		#18 gauge pre-polished #304 stainless steel steel construction	
PLUMBING		height to be 450 mm in front side & 600 mm at rear against wall	
COLD		double skin constructed with 200mm wide fresh grill in front	
HOT		pre-polished sheet in front rear and both sides panel 304 #20 gauge stainless steel	
WASTE		isolated type stainless steel welded construction	
ELECTRIC		vapour proof incandescent light to be fixed continues length at every 900mm distance	
KW	1	teflone coated heat proof wiring with stainless steel conduit & tubes	
VOLTAGE	230-50-1PH	wiring to be extended up to electrical junction box	
		all construction shall welded ground & polish smooth	
EXHAUST		stainless steel baffle filter 500mm x 500mm x 50mm for hood in full length set at angle of 45°	
CFM		sample to be approved	
		bottom of filters set in continuous channel smooth clean wiping grease gutter	
GAS		# 18 gauge stainless steel grease gutter with stainless steel drain container	
BTU		condensate stainless steel gutter with removable grease trap on wall side	
KW		38mm x 38mm x 3mm thick stainless steel angle framework	
		stainless steel stainless steel rods @ 1200mm centre to centre with turned buckles	
		collar cutting to be done at site as per HVAC consultant	
		verify all dimensions from site before manufacturing hood	
SPECIAL NOTE			
			*Supplier to verify all dimensions and services from site before making a shop drawing for approval.

PSignature of Contractor

Signature of employer

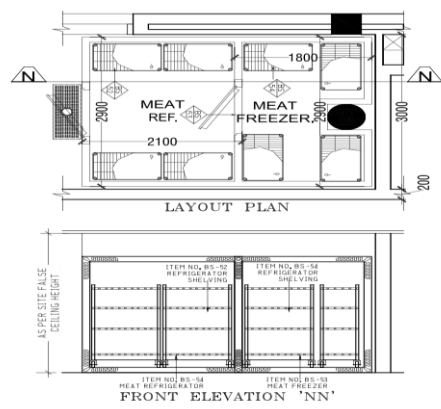
TENDER DOCUMENT WITH SPECIFICATIONS OF  
EXHAUST HOOD

ITEM CODE	QTY	DESCRIPTION	EXHAUST HOOD
SC-158	1		
		SIZE: 2700mm (L)x 1300mm (B) x 600mm (H)	
		MAKE: SIMPLE / KUMAR/ KONCEPT	
TECHNICALS		SPECIFICATION	
		#18 gauge pre-polished #304 stainless steel steel construction	
PLUMBING		fresh air pelanum with 6" wide x full length linear adjustable grill to be provided	
COLD		single skin constructed in one piece	
HOT		pre-polished sheet in front rear and both sides panel 304 #20 gauge stainless steel	
WASTE		against wall type stainless steel welded construction	
		vapour proof incandescent light to be fixed continues length at every 900mm distance	
ELECTRIC		teffone coated heat proof wiring with stainless steel conduite & tubes	
KW		wiring to be extended up to electrical junction box	
VOLTAGE		all construction shall welded ground & foiled smooth	
		stainless steel baffle filter 500mm x 500mm x 50mm for hood in full length set at angle of 45°	
EXHAUST		sample to be approved	
CFM		bottom of filters set in continuous channel smooth clean wiping grease gutter	
		# 18 gauge stainless steel grease gutter with stainless steel drain container	
GAS		condensate stainless steel gutter with removable grease trap on wall side	
BTU		38mm x 38mm x 3mm thick stainless steel angle framework	
KW		stainless steel hanstainless steelng rods @ 1200mm centre to centre with turned buckles	
		collar cutting to be done at site as per HVAC consultant	
		verify all dimensions from site before manufacturing hood	
SPECIAL NOTE			
*Supplier to verify all dimensions and services from site before making a shop drawing for approval.			

Signature of Contractor

Signature of Employer

**TENDER DOCUMENT WITH SPECIFICATIONS OF  
MEAT FREEZER**

ITEM CODE	QTY	DESCRIPTION OF EQUIPMENTS	
BS-53	1	MEAT FREEZER	<p style="text-align: center;">MEAT REF. &amp; FREEZER LAYOUT</p> 
		MAKE: CELFROST / BLUESTAR / RINAC	
		SIZE: 2900mm (L)X 1800mm (B)X 2550mm (H)	
		outer to outer dimension	
		For clarity, please refer the attached layout drawing	
<b>TECHNICALS</b>			<b>SPECIFICATION</b>
<b>PLUMBING</b>			<p><b>All panels to be provided of Desmon make</b></p> <p>internal light to be provided with flush type door right side hinges</p> <p>automatic self illuminated dual refrigeration system of bitzer semi hermetic original for germany or equal</p> <p>Bitzer compressor alongwith imported safety kit</p> <p>slim type evaporator unit maximum height to be 100 to 170 mm</p> <p>60mm thick base floor with fixing of 3 mm thick altro flooring flush with outside floor</p> <p>all other panels on side &amp; top will be 100mm insulation with cam locking arrangements</p> <p>cam locking arranged between wall panel with floor &amp; ceiling panel</p> <p>internal ceiling &amp; panels #20 GAUGE 304 stainless steel sheet</p> <p>all exposed sides will be #20 GAUGE 304 stainless steel sheet</p> <p>unexposed sides will be powder coated galvanized Sheet (WHITE COLOUR)</p> <p>door swing and exposed/unexposed surfaces, refer plan as shown with pad lock system &amp; aluminium door kick plates on both sides</p> <p>plastic strip curtain, hygiene coving on corners with ball corner features</p> <p>1200mm X 2100mm high door opening ,flush with exterior panel &amp; view port</p> <p>cylindrical locking arrangement, slab door with gasket for positive sealing</p> <p>PUF panel with camlock with walls to ceiling, flashing not acceptable</p> <p>provigen gasket to be provided each panel to work as a sealent</p> <p>Unit to provided two room will be joined with T-Panel &amp; camlocking human safety release knob</p> <p>unit to be provided Anti Condensation door heater</p> <p>emergency hooter</p> <p>Internal light fitting.</p> <p>inside emergency push bar button</p> <p>location of compressor &amp; required electrical to be finalized &amp; coordinate with site before manufacture</p> <p>bumper bar in exposed front panels</p> <p>heavy duty one piece stainless steel foot plate upto 750 mm high on both sides</p> <p>double vaccum glass see thru window in door</p> <p>infill panels, -18° to -22° temp to be maintained</p> <p>microprocessor control with digital temp display control panel</p> <p>to be mounted on side wall or front panel</p> <p>suitable to the electrics of 440/50/3PH and 230/50/1PH for internal lights</p> <p><b>Supplier to provide required length of refrigeration pipe as per site condition.</b></p> <p><b>manufacturer to visit site before manufacuring</b></p> <p><b>supplier to submit shop drawing for final approval before manufacturing</b></p>
<b>COLD</b>			
<b>HOT</b>			
<b>WASTE</b>			
<b>ELECTRIC</b>			
<b>POWER</b>			
<b>VOLTAGE</b>	440-50-3PH		
<b>INSIDE LIGHT</b>	230-50-1PH		
<b>GAS</b>			
<b>BTU</b>			
<b>KW</b>			
<b>EXHAUST</b>			
<b>CFM</b>			
<b>ACCESORIES</b>			
<b>SPECIAL NOTE</b>			
* While submitting the quote, Vendor shall forward detail equipment catalogue cut-sheets for each of the equipment quoted.			
* Cut-sheet shall be clearing marked with Item-no of the equipment and the quantity along with details related			
* to accessories and electrical characteristics.S			

Signature of Contractor

Signature of Employer



**TENDER DOCUMENT WITH SPECIFICATIONS OF  
GARBAGE REFRIGERATOR**

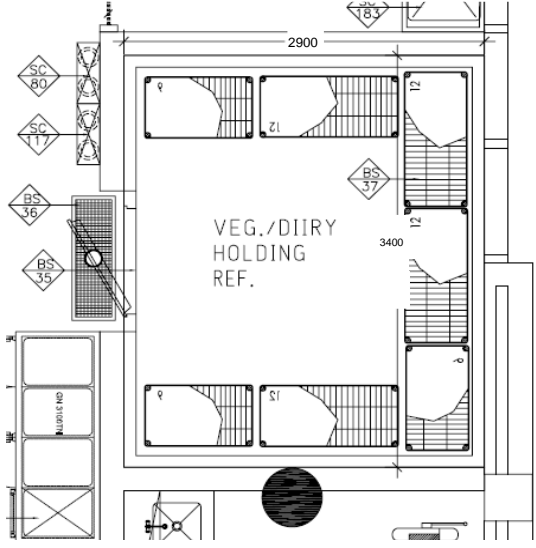
ITEM CODE	QTY	DESCRIPTION OF EQUIPMENTS	
RG-23	1	GARBAGE REFRIGERATOR	
		MAKE: CELFROST / BLUESTAR / RINAC	
		SIZE: 1800mm (L)X 2100mm (B)X 2550mm (H)	
		outer to outer dimension	
		For clarity, please refer the attached layout drawing	
<b>TECHNICALS</b>		<b>SPECIFICATION</b>	
<b>PLUMBING</b>			
<b>COLD</b>		All panels to be provided of Desmon make	
<b>HOT</b>		internal light to be provided with flush type door right side hinges	
<b>WASTE</b>		automatic self illuminated dual refrigeration system of bitzer semi hermetic original for germany or equal	
		Bitzer compressor alongwith imported safety kit	
<b>ELECTRIC</b>		slim type evaporator unit maximum height to be 100 to 170 mm	
<b>POWER</b>		60mm thick base floor with fixing of 3 mm thick altro flooring flush with outside floor	
<b>VOLTAGE</b>	440-50-3PH	all other panels on side & top will be 100mm insulation with cam locking arrangements	
<b>INSIDE</b>			
<b>LIGHT</b>	230-50-1PH	cam locking arranged between wall panel with floor & ceiling panel	
		internal ceiling & panels #20 GAUGE 304 stainless steel sheet	
<b>GAS</b>		all exposed sides will be #20 GAUGE 304 stainless steel sheet	
<b>BTU</b>		unexposed sides will be powder coated galvanized Sheet (WHITE COLOUR)	
<b>KW</b>		door swing and exposed/unexposed surfaces, refer plan as shown with pad lock system & aluminium door kick plates on both sides	
		plastic strip curtain, hygiene coving on corners with ball corner features	
<b>EXHAUST</b>		1200 X 2100 high door opening ,flush with exterior panel & view port	
<b>CFM</b>		cylindrical locking arrangement, slab door with gasket for positive sealing	
		PUF panel with camlock with walls to ceiling, flashing not acceptable	
		provigen gasket to be provided each panel to work as a sealent	
		Unit to provided two room will be joined with T-Panel & camloacking human safety release knob	
		unit to be provided Anti Condensation door heater	
		emergency hooter	
		Internal light fitting.	
		inside emergency push bar button	
		location of compressor & required electrical to be finalized & coordinate with site before manufacture	
		bumper bar in exposed front panels	
		heavy duty one piece stainless steel foot plate upto 750 mm high on both sides	
		double vaccum glass see thru window in door	
		infill panels, -2° to +8° temp to be maintained	
		microprocessor control with digital temp display control panel	
		to be mounted on side wall or front panel	
		suitable to the electrics of 440/50/3PH and 230/50/1PH for internal lights	
		Supplier to provide required length of refrigeration pipe as per site condition.	
		manufacturer to visit site before manufacuring	
		supplier to submit shop drawing for final approval before manufacturing	
<b>ACCESORIES</b>			
<b>SPECIAL NOTE</b>			
* While submitting the quote, Vendor shall forward detail equipment catalogue cut-sheets for each of the equipment quoted.			
* Cut-sheet shall be clearing marked with Item-no of the equipment and the quantity along with details related			
* to accessories and electrical characteristics.			

ignature of Contractor

Signature of Employee



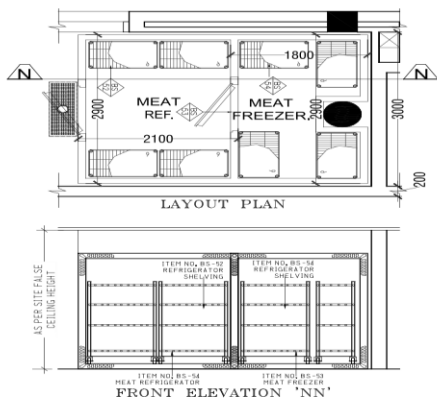
**TENDER DOCUMENT WITH SPECIFICATIONS OF  
VEG./DAIRY HOLDING REFRIGERATOR**

ITEM CODE	QTY	DESCRIPTION OF EQUIPMENTS	
BS-35	1	VEG./DAIRY HOLDING REFRIGERATOR	
		MAKE: CELFROST/ BLUESTAR / RINAC	
		SIZE: 3400mm (L)X 2900mm (B)X 2550mm (H)	
		outer to outer dimension	
		For clarity, please refer the attached layout drawing	
<b>TECHNICALS</b>			<b>SPECIFICATION</b>
<b>PLUMBING</b>			<p><b>All panels to be provided of Desmon make</b></p> <p>internal light to be provided with flush type door right side hinges</p> <p>automatic self illuminated dual refrigeration system of bitzer semi hermetic original for germany or equal</p> <p>Bitzer compressor alongwith imported safety kit</p> <p>slim type evaporator unit maximum height to be 100mm to 170 mm</p> <p>60mm thick base floor with fixing of 3 mm thick altro flooring flush with outside floor</p> <p>all other panels on side &amp; top will be 100mm insulation with cam locking arrangements</p> <p>cam locking arranged between wall panel with floor &amp; ceiling panel</p> <p>internal ceiling &amp; panels #20 GAUGE 304 stainless steel sheet</p> <p>all exposed sides will be #20 GAUGE 304 stainless steel sheet</p> <p>unexposed sides will be powder coated galvanized Sheet (WHITE COLOUR)</p> <p>door swing and exposed/unexposed surfaces, refer plan as shown with pad lock system &amp; aluminium door kick plates on both sides</p> <p>plastic strip curtain, hygiene coving on corners with ball corner features</p> <p>1200mm X 2100mm high door opening ,flush with exterior panel &amp; view port</p> <p>cylindrical locking arrangement, slab door with gasket for positive sealing</p> <p>PUF panel with camlock with walls to ceiling, flashing not acceptable</p> <p>provigen gasket to be provided each panel to work as a sealent</p> <p>Unit to provided two room will be joined with T-Panel &amp; camloacking human safety release knob</p> <p>unit to be provided Anti Condensation door heater</p> <p>emergency hooter</p> <p>Internal light fitting.</p> <p>inside emergency push bar button</p> <p>location of compressor &amp; required electrical to be finalized &amp; coordinate with site before manufacture</p> <p>bumper bar in exposed front panels</p> <p>heavy duty one piece stainless steel foot plate upto 750 mm high on both sides</p> <p>double vaccum glass see thru window in door</p> <p>infill panels, -2° to +8° temp to be maintained</p> <p>microprocessor control with digital temp display control panel</p> <p>to be mounted on side wall or front panel</p> <p>suitable to the electrics of 440/50/3PH and 230/50/1PH for internal lights</p> <p><b>Supplier to provide required length of refrigeration pipe as per site condition.</b></p> <p><b>manufacturer to visit site before manufacuring</b></p> <p><b>supplier to submit shop drawing for final approval before manufacturing</b></p>
<b>COLD</b>			
<b>HOT</b>			
<b>WASTE</b>			
<b>ELECTRIC</b>			
<b>POWER</b>			
<b>VOLTAGE</b>	440-50-3PH		
<b>INSIDE</b>			
<b>LIGHT</b>	230-50-1PH		
<b>GAS</b>			
<b>BTU</b>			
<b>KW</b>			
<b>EXHAUST</b>			
<b>CFM</b>			
<b>ACCESORIES</b>			
<b>SPECIAL NOTE</b>			
			<p>* While submitting the quote, Vendor shall forward detail equipment catalogue cut-sheets for each of the equipment quoted.</p> <p>* Cut-sheet shall be clearing marked with Item-no of the equipment and the quantity along with details related</p> <p>* to accessories and electrical characteristics.S</p>

Signature of Contractor

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**TENDER DOCUMENT WITH SPECIFICATIONS OF  
MEAT REFRIGERATOR**

ITEM CODE	QTY	DESCRIPTION OF EQUIPMENTS	
BS-50	1	MEAT REFRIGERATOR	<p style="text-align: center;">MEAT REF. &amp; FREEZER LAYOUT</p> 
		MAKE: CELFROST/ BLUESTAR/RINAC	
		SIZE: 2900mm (L)X 2100mm (B) X 2550mm (H)	
		outer to outer dimension	
		For clarity, please refer the attached layout drawing	
<b>TECHNICALS</b>		<b>SPECIFICATION</b>	
<b>PLUMBING</b>			
<b>COLD</b>		All panels to be provided of Desmon make	
<b>HOT</b>		internal light to be provided with flush type door right side hinges	
<b>WASTE</b>		automatic self illuminated dual refrigeration system of bitzer semi hermetic original for germany or equal	
		Bitzer compressor alongwith imported safety kit	
<b>ELECTRIC</b>		slim type evaporator unit maximum height to be 100mm to 170 mm	
<b>POWER</b>		60mm thick base floor with fixing of 3 mm thick altro flooring flush with outside floor	
<b>VOLTAGE</b>	440-50-3PH	all other panels on side & top will be 100mm insulation with cam locking arrangements	
<b>INSIDE</b>			
<b>LIGHT</b>	230-50-1PH	cam locking arranged between wall panel with floor & ceiling panel	
		internal ceiling & panels #20 GAUGE 304 stainless steel sheet	
<b>GAS</b>		all exposed sides will be #20 GAUGE 304 stainless steel sheet	
<b>BTU</b>		unexposed sides will be powder coated galvanized Sheet (WHITE COLOUR)	
<b>KW</b>		door swing and exposed/unexposed surfaces, refer plan as shown with pad lock system & aluminium door kick plates on both sides	
		plastic strip curtain, hygiene coving on corners with ball corner features	
<b>EXHAUST</b>		1200mm X 2100mm high door opening ,flush with exterior panel & view port	
<b>CFM</b>		cylindrical locking arrangement, slab door with gasket for positive sealing	
		PUF panel with camlock with walls to ceiling, flashing not acceptable	
		provigen gasket to be provided each panel to work as a sealent	
		Unit to provided two room will be joined with T-Panel & camlocking human safety release knob	
		unit to be provided Anti Condensation door heater	
		emergency hooter	
		Internal light fitting.	
		inside emergency push bar button	
		location of compressor & required electrical to be finalized & coordinate with site before manufacture	
		bumper bar in exposed front panels	
		heavy duty one piece stainless steel foot plate upto 750 mm high on both sides	
		double vaccum glass see thru window in door	
		infill panels, -2° to +8° temp to be maintained	
		microprocessor control with digital temp display control panel	
		to be mounted on side wall or front panel	
		suitable to the electrics of 440/50/3PH and 230/50/1PH for internal lights	
		Supplier to provide required length of refrigeration pipe as per site condition.	
		manufacturer to visit site before manufacuring	
		supplier to submit shop drawing for final approval before manufacturing	
<b>ACCESSORIES</b>			
<b>SPECIAL NOTE</b>			
* While submitting the quote, Vendor shall forward detail equipment catalogue cut-sheets for each of the equipment quoted.			
* Cut-sheet shall be clearing marked with Item-no of the equipment and the quantity along with details related			
* to accessories and electrical characteristics.			

Signature of Contractor

Signature of Employee


**TENDER DOCUMENT WITH SPECIFICATIONS OF  
INSECT-O-CUTTER**

ITEM CODE	QTY	DESCRIPTION OF EQUIPMENTS	
RG-10	2		
RG-21	2		
TOTAL	4	INSECT-O-CUTTER	
		MAKE: PEST-O-FLUSH / FUSION / MICROKILL	
		The figure shown here is indicative only.	
<b>TECHNICALS</b>		<b>SPECIFICATION</b>	
<b>PLUMBING</b>			
COLD			
HOT			
WASTE			
<b>ELECTRIC</b>			
POWER			
VOLTAGE	230-50-1PH		
<b>GAS</b>			
BTU			
KW			
<b>EXHAUST</b>			
CFM			
<b>ACCESORIES</b>			
<b>SPECIAL NOTE</b>			
* While submitting the quote, Vendor shall forward detail equipment catalogue cut-sheets for each of the equipment quoted.			
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* to accessories and electrical characteristics.			

Signature of Contractor

Signature of Employer

TENDER DOCUMENT WITH SPECIFICATIONS OF  
AIR CURTAIN


ITEM CODE	QTY	DESCRIPTION OF EQUIPMENTS	
			
RG-3	3	SIZE 1200mm (L)	
RG-16	1	SIZE 1500mm (L)	
RG-26	1	SIZE 1200mm (L)	
TOTAL	5		
		MAKE: EURONICS / EUREKA / TRIPTI	
		The figure shown here is indicative only.	
TECHNICALS		SPECIFICATION	
PLUMBING			
COLD			
HOT			
WASTE			
ELECTRIC			
POWER			
VOLTAGE	230-50-1PH		
GAS			
BTU			
KW			
EXHAUST			
CFM			
ACCESORIES			
SPECIAL NOTE			
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* to accessories and electrical characteristics.			

2

Signature of Contractor

Signature of Employer


**TENDER DOCUMENT WITH SPECIFICATIONS OF  
HAND SINK WITH SOAP DISPENSER & KNEE OPERATED**

ITEM CODE	QTY	DESCRIPTION OF EQUIPMENTS	
			
SR-8	1		
BS-1	1		
BS-41	1		
TOTAL	3		
		MAKE: SIMPLE / KUMAR / KONCEPT	
		SIZE: 376mm (L)x 480mm (B) x 445mm (H)	
		The figure shown here is indicative only.	
<b>TECHNICALS</b>		<b>SPECIFICATION</b>	
<b>PLUMBING</b>			
COLD		Wall mount hand sink	
HOT		304 grade Stainless steel construction	
WASTE		single sheet back plate # 16 gauge stainless steel	
		knee operated system	
<b>ELECTRIC</b>		16 gauge sink of 350mmx350mmx175mm deep with 38mm dia drain coupling	
POWER		# 16 gauge stainless steel top with front side marine edge turned up 12mm turned down 50mm in 12mm	
VOLTAGE		both sides turned up 250mm high raw rear side 250mm high back splash turned out 50mm down 12mm	
		mounted on 32mmx32mmx3mm thick stainless steel angle frame work	
<b>GAS</b>		# 20 gauge stainless steel cladding on all sides	
BTU		long neck swivel type hot & cold water knee operated faucet mounting at back splash	
KW		push type soap dispenser on right side	
<b>EXHAUST</b>			
CFM			
<b>ACCESORIES</b>			
<b>SPECIAL NOTE</b>			
* While submitting the quote, Vendor shall forward detail equipment catalogue cut-sheets for each of the equipment quoted.			
* Cut-sheet shall be clearing marked with Item-no of the equipment and the quantity along with details related			
* to accessories and electrical characteristics.			

Signature of Contractor

Signature of employer

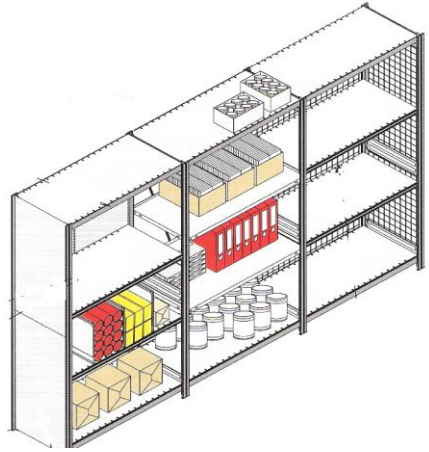
**TENDER DOCUMENT WITH SPECIFICATIONS OF  
HAND DRYER**

ITEM CODE	QTY	DESCRIPTION OF EQUIPMENTS	
LR-3	1	HAND DRYER	
LR-8	1	HAND DRYER	
TOTAL	2		
		MAKE: EURONICS / BLUECIRCLE / U-TEC	
		The figure shown here is indicative only.	
<b>TECHNICALS</b>		<b>SPECIFICATION</b>	
<b>PLUMBING</b>			
COLD			
HOT			
WASTE			
<b>ELECTRIC</b>			
POWER	1.5KW		
VOLTAGE	230-50-1PH		
<b>GAS</b>			
BTU			
KW			
<b>EXHAUST</b>			
CFM			
<b>ACCESORIES</b>			
<b>SPECIAL NOTE</b>			
* While submitting the quote, Vendor shall forward detail equipment catalogue cut-sheets for each of the equipment quoted.			
* Cut-sheet shall be clearing marked with Item-no of the equipment and the quantity along with details related			
* to accessories and electrical characteristics.			

Signature of Contractor

Signature of Employer

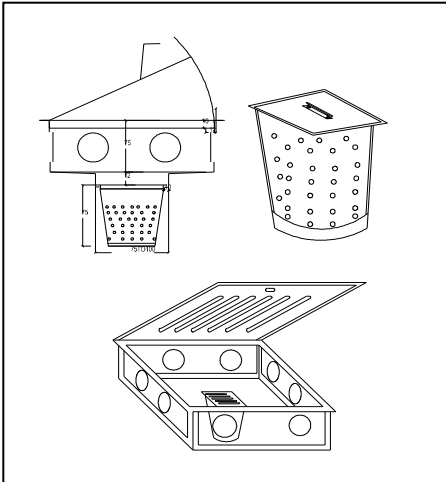
**TENDER DOCUMENT WITH SPECIFICATIONS OF  
STORE ROOM SHELVING**

ITEM CODE	QTY	DESCRIPTION OF EQUIPMENTS	
SR-6	22	STORE ROOM SHELVING (GENERAL/BULK STORE)	
RG-25	5	STORE ROOM SHELVING	
TOTAL	27		
		MAKE: NILKAMAL / VINAR / GODREJ	
		SIZE: 900mm (L)x 450mm (B) x 1950mm (H)	
		The figure shown here is indicative only.	
<b>TECHNICALS</b>		<b>SPECIFICATION</b>	
PLUMBING		MS Powder coated with grey colour	
COLD		Cost effective installation.	
HOT		Bolt together assembly.	
WASTE		Easy to mount.	
		Also ideal as storage for archives.	
ELECTRIC		Increased load capacity due to corner plates.	
POWER		Panels can be easily re-adjusted on a 25 mm. pitch.	
VOLTAGE		Extension bays can be easily added whenever required.	
		Very good overview due to clear product presentation.	
GAS		More storage capacity on less floor space.	
BTU		Manufacturer to ask for arrangement plant for all store room shelvings before manufacturing	
KW		Panel shall be No. 18 gauge MS powder coated grey colour	
		Frame material shall be MS powder coated grey colour	
EXHAUST		Panels Shall be capable to carry minimum weightage of 150 KG	
CFM			
<b>ACCESSORIES</b>			
<b>SPECIAL NOTE</b>			
* While submitting the quote, Vendor shall forward detail equipment catalogue cut-sheets for each of the equipment quoted.			
* Cut-sheet shall be clearly marked with Item-no of the equipment and the quantity along with details related			
* to accessories and electrical characteristics.			

Signature of Contractor

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**TENDER DOCUMENT WITH SPECIFICATIONS OF  
FLOOR DRAIN GRATINGS**

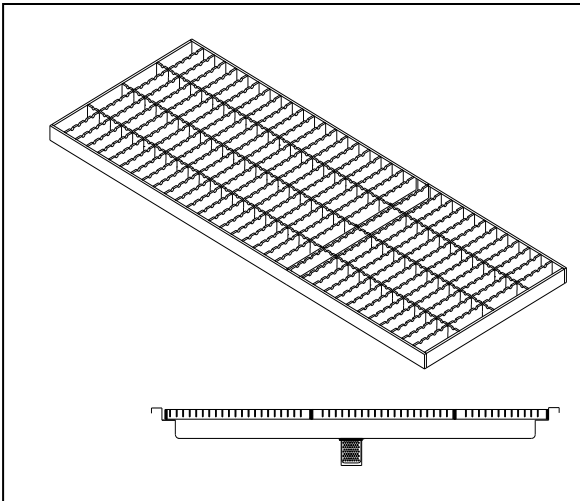
ITEM CODE	QTY	DESCRIPTION	FLOOR DRAIN GRATING WITH SS GUTER AND BASKET
			
SR-7	1		
RG-7	1		
SC-59	9		
SC-131	1		
SC-152	1		
BK-3	1		
BS-14	2		
DI-5	1		
CF-15	1		
TOTAL	18		
		MAKE: SIMPLE / KUMAR / KONCEPT	
		SIZE: 225mm x 225mm x 100 mm high	
TECHNICALS		SPECIFICATION	
		<b>GUTTER</b>  # 18 gauge stainless steel continuous body construction # 10 gauge stainless steel hinged lid on top with 12mm wide piano slots in full length @12mm centre to centre  stainless steel hinges secured to # 10 gauge stainless steel perforated cover with # 18 gauge stainless steel side walls with 25mm collars on all sides vertical sheet to be cut 40mm dia to allow sink waste lines to connect to floor drain (to be done as per site conditions & requirements)  <b>Stainless steel BASKET</b>  # 18gauge stainless steel construction sheet with 10mm wide collars 75mm dia x 75mm high #16gauge stainless steel removable basket removable basket with 3mm dia holes all around and bottom side #10 gauge stainless steel handle at top of basket for removal	
PLUMBING			
COLD			
HOT			
WASTE			
ELECTRIC			
KW			
VOLTAGE			
EXHAUST			
CFM			
GAS			
BTU			
KW			
SPECIAL NOTE			
*Supplier to verify all dimensions and services from site before making a shop drawing for approval.			

Signature of Contractor

Signature of Employer



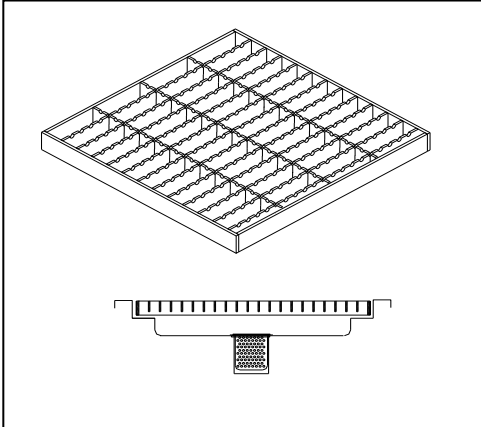
**TENDER DOCUMENT WITH SPECIFICATIONS OF  
DRAIN TROUGH GRATINGS**

ITEM CODE	QTY	DESCRIPTION	DRAIN TROUGH GRATING WITH stainless steel GUTTER & BASKET
			
RG-1	2	1560mm(L) X 360mm (B) X 100mm (H)	
RG-22	2	1060mm (L)X 360mm (B)X 100mm (H)	
SC-119	2	660mm (L)X 1060mm (B)X 100mm (H)	
SC-121	3	660mm (L)X 1060mm (B)X 100mm (H)	
SC-170	2	1060mm (L)X 360mm (B) X 100mm (H)	
SC-185	1	1060mm (L)X 360mm (B)X 100mm (H)	
SC-193	1	1360mm (L)X 660mm (B)X 100mm (H)	
SC-205	1	1060mm (L)X 360mm (B)X 100mm (H)	
BS-11	1	1560mm (L)X 360mm (B)X 100mm (H)	
BS-36	1	1060mm (L)X 360mm (B)X 100mm (H)	
BS-51	1	1060mm (L)X 360mm (B)X 100mm (H)	
TOTAL	17		
		MAKE: SIMPLE / KUMAR / KONCEPT	
		The figure shown here is indicative only.	
TECHNICALS		SPECIFICATION	
		<div>FRAMEWORK</div> <p>#16 gauge stainless steel 38mm x 38mm x 3 mm stainless steel side angle single framework framework extended by 5 mm on both side to accommodate stainless steel grating set into recessed floor and grounted with anchor fasteners,</p> <div>GRATING</div> <p>#16 gauge stainless steel strip type grating 35mm x 5mm thick stainless steel flat outer frame welded construction 25mm x 3 mm thick horizontal stainless steel flats welded to outer frame @ 75mm centre to centre 20mm x 3 mm thick vertical stainless steel flats welded to outer frame @ 32mm centre to centre cross-section with 25mm x 3mm thick stainless steel flats grating to be constructed all welded construction grating to be rest on angle framework</p> <div>GUTTER</div> <p># 18gauge stainless steel continuous body construction # 10 gauge stainless steel hinged lid on top with 12mm wide piano slots in full length @12mm centre to centre stainless steel hinges secured to # 10 gauge stainless steel perforated cover with # 18 gauge stainless steel side walls with 25mm collars on all sides vertical sheet to be cut 40mm dia to allow sink waste lines to connect to floor drain (to be done as per site conditions &amp; requirements)</p> <div>Stainless steel BASKET</div> <p># 18gauge stainless steel construction sheet with 10mm wide collars 75 dia x 75mm high #16gauge stainless steel removable basket removable basket with 3mm dia holes all around and bottom side #10 gauge stainless steel handle at top of basket for removal</p>	
PLUMBING			
COLD			
HOT			
WASTE			
ELECTRIC			
KW			
VOLTAGE			
EXHAUST			
CFM			
GAS			
BTU			
KW			
SPECIAL NOTE			
*Supplier to verify all dimensions and services from site before making a shop drawing for approval.			

Signature of Contractor

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**TENDER DOCUMENT WITH SPECIFICATIONS OF  
DRAIN TROUGH GRATINGS**

ITEM CODE	QTY	DESCRIPTION	DRAIN TROUGH GRATING WITH stainless steel GUTTER & BASKET
			
RG-5	1		
RG-19	1		
SC-190	1		
TOTAL	3	SIZE: 660mm (L)x 660mm (B)x 100mm (H)	
		MAKE: SIMPLE / KUMAR / KONCEPT	
		The figure shown here is indicative only.	
TECHNICALS		SPECIFICATION	
		FRAMEWORK	#16 gauge stainless steel 38mm x 38mm x 3 mm stainless steel side angle single framework  framework extended by 5 mm on both side to accommodate stainless steel grating  set into recessed floor and  grounded with anchor fasteners,
PLUMBING			
COLD			
HOT			
WASTE			
ELECTRIC			
KW			
VOLTAGE			
		GRATING	#16 gauge stainless steel strip type grating in one piece 35mm x 5mm thick stainless steel flat outer frame welded construction 25mm x 3 mm thick horizontal stainless steel flats welded to outer frame @ 75mm centre to centre 20mm x 3 mm thick vertical stainless steel flats welded to outer frame @ 32mm centre to centre cross-section with 25mm x 3mm thick stainless steel flats grating to be constructed in one piece all welded construction grating to be rest on angle framework
EXHAUST			
CFM			
GUTTER			
GAS			
BTU			
KW			
		Stainless steel BASKET	# 18gauge stainless steel continuous body construction # 10 gauge stainless steel hinged lid on top with 12mm wide piano slots in full length @12mm centre to centre  stainless steel hinges secured to # 10 gauge stainless steel perforated cover with # 18 gauge stainless steel side walls with 25mm collars on all sides vertical sheet to be cut 40mm dia to allow sink waste lines to connect to floor drain (to be done as per site conditions & requirements)  # 18gauge stainless steel construction sheet with 10mm wide collars 75mm dia x 75mm high #16gauge stainless steel removable basket removable basket with 3mm dia holes all around and bottom side #10 gauge stainless steel handle at top of basket for removal
SPECIAL NOTE			
*Supplier to verify all dimensions and services from site before making a shop drawing for approval.			

Signature of Contractor

Signature of Employer

# **SPECIAL CONDITIONS TO SPECIFICATION**

**Signature of Contractor**

**Signature of Employer**

## **1. SCOPE OF WORK**

- a. The kitchen equipment fabricator shall provide all necessary holes and openings in the kitchen equipment, which may be required for the proper installation of the plumbing, electrical, ventilating and refrigeration connections.
- b. The Kitchen equipment supplier to assemble all pieces of fabricated items and to be installed at site.
- c. All hook up material for plumbing, steam, electrical, ventilating services and final connections are not included as part of the Kitchen Equipment Contract. However, all pipes and fittings within equipment, all necessary valves and fittings, and all starting switches as required with overload protection, shall be furnished as required with the respective items of equipment's.
- d. The drawings shall show where the equipment requires cutting or close fitting and shall show all reinforcements, anchorage and other details required for complete installation. Shop drawings of fabricated equipment shall be drawn to a scale of not less than 1:75. The detailed drawings shall be submitted to the Engineer In-Charge for comments and approval with the clear-cut understanding that fabrication shall proceed only after all details have been officially approved.
- e. It is the intention of these specifications to cover items suitable for the purpose intended and to be capable of performing efficiently the work intended.
- f. All items shall suit space conditions. All dimensions given here in are approximate only, and in all cases where equipment fabricator shall ask for and shall be furnished all necessary field measurements and services from the site.
- g. It is the intention of these plans and specification to describe complete systems and items. The fabricator shall furnish without additional cost to the Engineer In-Charge, all appurtenances and/or accessories, which may not specifically be mentioned in the specifications or shown on the drawings, but which are required for the proper functioning of the equipment.
- h. The Kitchen Equipment Fabricator shall study all drawings before making a bid and shall inform in case of any change of deviation from these drawings, so that they can be taken into consideration.

## **2. STAINLESS STEEL**

- a. Where stainless steel is specified it shall be what is known to the trade as Austenitic 18-8, type 304, B-2 finish, with a content of 17% to 19% chrome, 7% to 9% nickel and a maximum carbon contents of 0.11.
- b. Stainless steel shall be free from scale and all surfaces shall be polished to No. 4 commercial finish.

## **3. GALVANIZED IRON**

- a. Where galvanized iron is called for, it shall be galvanized as per relevant IS code.
- b. Galvanized structural steel, welded into sections of framing, racks, shelves etc. shall be hot dipped after fabrication.

## **4. STAINLESS STEEL PIPE AND TUBING**

Where stainless steel pipe or tubing shall be type 304 or specified separately, it shall be seamless or welded, of gauge specified and of true roundness. Seamless tubing shall be thoroughly and properly annealed, pickled, ground smooth and finished to match adjacent work. Welded tubing shall be thoroughly heat treated, properly quenched to eliminate carbide precipitations, then drawn true to size and roundness and ground as required. All tubing, where exposed to view, shall be given a final grind of not less than 180 grit emery.

## **5. STRUCTURAL STEEL SHAPES**

All angles, band, channels or other structural shapes used for framing shall be confirming to relevant IS code.

## **6. HANDLES, BRACKETS, LOCKING DEVICES AND HARDWARE**

- a. Wherever equipment is provided with handles, knobs, hinges, brackets or other miscellaneous hardware, all shall be of either heavy satin finish chrome plated brass or stainless steel or metallurgical composition specified herein after under items to be furnished.
- b. All enclosed cabinets, refrigerators, storage bins, shall be furnished with extra heavy duty, security type, locking devices of cylinder type, chrome plated.

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## **7. FASTENINGS**

Welds, bolts, screws, nuts and washers shall be of steel, except where brass or stainless steel is fastened, in which case they shall be of brass or stainless steel respectively. Where dissimilar metals are fastened, bolts, screws and nuts shall be of the highest grade metal. The spacing and extent of welds, bolts, and screws shall be such as to ensure suitable fastening and prevent bulging of the metals fastened.

## **8. WELDING**

a. All welding shall be done by electric fusion, metal-arc method. Carbon-arc or gas welding will not be permitted. All welding shall be done in a thorough manner, with welding rod of same composition as sheets or parts welded.

b. Welds shall be complete welds, strong and ductile, with excess metal ground off and joints finished smooth to match adjoining surface. Welds are to be free of mechanical imperfections such as gas holes, pits, runs, cracks, etc. and shall have same color as adjoining sheet surfaces. All joints in tops of fixtures, tables, drain a board, exposed shelving, sinks etc. shall be welded. All equipment herein specified, which is constructed of more than one piece of sheet of metal, shall be continuously butt welded together with welds made by spot welding straps under beams and filling in the voids with solder and finishing by grinding, will not be acceptable.

c. It is the intention of this specification that all welded joints shall be homogeneous with the sheet metal itself. Where sheet sizes necessitate a joint, such a joint shall be welded. Tops of fixtures shall be fabricated in the factory with welded joints to reduce field joints to a minimum. Where fixtures join, the tops of such fixtures shall be continuous with welded joints, except in the case of field joints. All joints made in the field shall be closely butted, pulled together, and then welded, ground and polished smooth in accordance with section, Grinding, Polishing, and Finishing of these requirements. Tops of fixtures shall be of maximum length and with welded factory joints to permit the bringing of fixtures to their final position in order to reduce field joints to an absolute minimum. Wherever welds occur on surface not finished by grinding and polishing, such welds and the accompanying discoloration shall be suitably coated in factory by means of metallic base paints, to prevent the possibility of progressive corrosion at such joints.

## **9. GRINDING POLISHING FINISHING**

a. All welded exposed joints shall be suitably ground flush with adjoining material and neatly finished to harmonize therewith. Wherever material has been sunken or depressed by a welding operation, such depression shall be suitably hammered and preened 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 and 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 high grade.

b. Butt joints and contact joints, wherever they occur, shall be close fitting and shall not require solder as filler. In no case is soldering operation done where dependence is placed solely on soldering for strength and stability of joints or fixture itself. Wherever break bends occur, they shall be free of undue extrude and shall not be flaky, scaly or cracked in appearance and where such break work does mar the uniform surface appearance of the material, all such marks shall be removed by suitable grinding, polishing and finishing. Wherever sheared edges occur, they shall be free of burrs, fins or irregular projections and shall be finished over such sheared edges c. It is the intention of this specification to cover equipment of a quality finish, consistent with high grade manufacturing practices. All exposed surfaces shall be No. 4 finish except trim, which is to be more highly polished satin finish. Where specified all cabinets, doors shelves, whether inside or outside of cabinets and wherever exposed, are to be No.4 finish, but such finish shall be at least equal to 80 ground finish. Final No.4 finishes being factory finish, not as finished by mill. Indication of die markings not blending with final finish will not be accepted.

## **10. BOLT CONSTRUCTION**

It is the intention of these specifications that all equipment on exposed surfaces and wherever bolts are used to fasten trim to paneling and body of warmers, cabinets, counter, etc. and more particularly to fasten tops of counters, dish tables, etc. to top of framing such bolts and screws shall be of concealed

type. Wherever threads of bolts and screws occur on the inside of fixtures and are either visible or might come in contact with hands or wiping cloth, such bolts and screws threads shall be capped with a suitable lock washer and chrome plated brass or bronze acorn nut. Where screws threads are not visible or readily accessible, they may be capped with a standard lock washer and steel nut treated to prevent rusting or corroding. Wherever bolts or screws are welded to underside of trim or tops, the reverse side of weld shall be neatly finished, uniform with adjoining surface of trim or top. Depression at these points will not be acceptable.

#### **11. SOUND DEADENING**

Underside of all stainless steel tops for tables, counters, sinks, dish and pot tables with angle framework shall be treated with a coating of "Carbonize" aluminum finish or approved equal.

#### **12. MATERIAL AND WORKMANSHIP**

All material, equipment etc. shall be new and of kinds specified and shall be in undamaged condition when turned over to Engineer In-Charge. All workmanship shall be of rigid construction, free from objectionable vibrations and quiet in operation.

#### **13. LEGS**

Legs, where ever required, to be constructed of not less than 1½" O.D. stainless steel tubing cold drawn, annealed and pickled, spaced not more than 6'-0" c.c. All legs shall be uniform in finish.

#### **14. LEG CROSS BRACING**

All leg cross bracing, where required, to be constructed of not less than 1" OD stainless steel tubing and to be specified above for legs except as noted below. All cross bracing to run horizontal between all legs, approximately 10" above floor, unless otherwise specified. All joints to be completely welded, around entire perimeter, forming complete seal, with all welds ground and painted., Where one side of box unit is eliminated to provide space for cans, carts, plumbing or otherwise, single cross brace to extend to given leg, such cross brace to be reinforced by diagonal section of tubing and set not less than 8" out at each side, all welded, as specified here-in-before.

#### **15. UNDER BRACING**

All stainless steel counters, tables, drain boards and dish table tops to be braced below with inverted type channels made of 14 gauge stainless steel measuring 1"x4"x1", spaced not more than 30" on centers and installed in similar fashion.

#### **16. UNDER SHELVING**

a. Where flat under shelving is specified, under shelves shall be constructed of 18 gauge polished stainless steel. All shelving shall be turned down on all sides approximately 1½" and under 1/2" in channel shape, with resulting corners cut out to fit contour of leg. Shelving shall be reinforced with 1"x4"x1" 16 gauge stainless steel welded channels.

b. Removable type shelving to be of same materials, rolled down on all sides, with corners notched to contour of leg, with resultant notches ground and polished smooth., Under shelving to be constructed in sections of not more than 36" and where butted against adjoining shelf section, shelving to be turned down 1½" and under 1/2" in channel shape. Supporting channel to be furnished on underside of each shelf section of same size and material as specified above.

c. Where slotted under shelving is specified, it shall consist of a series of stainless steel panels or sections, these to be slotted and sides of slots turned down to form cross channels. Slots to be approximately 1¼" wide and channels approximately 3' wide. Panels are to be rounded over pipe supports described herein-before with all edges rounded and polished ground smooth to assure easy cleaning.

Panels to be of not less than 18 gauge stainless steel and are to be removable. Panels to be not more than 30" wide in any direction. Sections may be made up from single sheet, stamped out, or by forming channels and welding in end pieces. Slots shall run front to rear in all cases. Adequate reinforcing shall be provided beneath panels where they rest on pipe frames. All working surfaces to be made flush.

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## **17. SINKS AND DRAIN BOARDS**

- a. All sinks and drain boards to be constructed of 16 gauge polished stainless steel, unless otherwise specified, with all joints neatly welded, ground and polished smooth. No soldering at any points, will be accepted in sink and drain board construction. All front and free standing edges to be extended upward 75mm measured at sink edge and returned 40mm and 90 degrees, down 50mm and in 12mm. Sinks and drain boards to have 250mm high splash backs level and continuous, not following pitch of drain board, adjacent to wall or adjoining equipment. Except as noted otherwise, where drain boards are 600mm or less, they may be supported on 1"o.d.x 083 stainless steel, tubular, diagonal braces, and secured to sink gussets, welded around entire perimeter, ground and polished smooth. Where drain boards exceeds 600 in length, legs shall be provided as here in before specified. All vertical and horizontal corners to be rounded to radius of approximately 25mm, with all intersections meeting in the spherical sections. All sinks having two or more compartments to have double dividing partitions, with fully rounded corner, both vertical and horizontal. All corners of drain boards to be rounded on inside to a radius of 25mm, where rolled rim meets fronts roll rim. Splash backs to be rounded on inside to radius of 25, where rolled rim meets fronts roll rim. Splash backs to be rounded on inside to radius of 25mm Front corners of rolled rim to be fully rounded on outside roll and be concentric with inside of roll. Bottom of each sink compartment to be creased to sufficient pitch towards waste outlets, 18 gauge stainless steel perforated, removable strainer plate, set not less than 3/8" below sink bottom. Opening for hot and cold-water faucets to be cut into splash backs as required. All sinks shall be 350 deep unless otherwise specified or indicated on drawings. Exposed exterior and interior of sinks and drain boards to be finished to a No.4 satin finish.
- b. The clear side distances from edge are to be maintaining 100mm as the reference sides are indicated in each fabrication sheet.
- c. Where sinks are to be built as part of counters, overflow scrap compartments for sinks, as indicated on plans, to be constructed same as above, welded into place, with resulting welds ground and polished smooth, eliminating all traces of welding.
- d. Bottom of each sink compartment to be furnished with 40mm IPS heavy duty, lever drain, constructed with removable poppet valve, in addition to neoprene "o" ring, affording double security against leakage. Lever handles to be furnished of adequate length so that rod handle will not protrude beyond sink body. Waste outlet to be furnished with strainer plate for all pot sinks having overflow compartment. All sinks compartments, with no overflow compartments, provided therein, to be furnished with lever drain, complete with stainless steel strainer plates and overflow assemblies. Where 40mm outlet connections are called for, above drains to be furnished with adapter and removable crumb cup strainer baskets. Unless otherwise noted, connected overflow to be furnished with stainless steel performed plates secured to body of sink and constructed so that constant water level is 25mm below dividing partitions.

## **18. SLIDING DOORS**

Sliding doors where called for to be made of 20 gauge polished stainless steel exterior and 20 gauge stainless steel interior, unless otherwise specified. Doors to be equipped with die-stamped recessed stainless steel pull handles. Doors to be made removable. Doors to be of double pan construction, filled with suitable sound deadener, 12mm thick, with all corners welded, ground and polished smooth to uniform finish. Doors to be designed to permit removal for cleaning or adjustment without use of tools. Bolts and screws to be kept to minimum and to be of corrosion resisting metal. Spacers where not exposed to view may be of 14 gauge, 20mm diameter.

Upper suspension nylon rollers to be heavy duty and ground to minimize wear and noise. Precaution to be taken in all cases to avoid friction or rubbing between doors, door suspensions and upper sliding framework, including hardware.

## **19. HINGED DOORS**

Hinged doors for cabinets, counters, etc. to be constructed of 20-gauge fronts, polished stainless steel, with ground and polished smooth. Hinges, catches and locking devices to be chrome plated brass. Hinges to be of construction as to eliminate exposed bolt and screw heads. Door handles to be provided and to be of stainless steel and flush mounted.

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## **20. COUNTER SHELVES, CABINET SHELVES & OVERHEAD CABINET SHELVES**

Counter shelves and cabinet shelves to be constructed of 18 gauge polished stainless steel. Overhead cabinet shelves to be constructed of 18 gauge polished stainless steel. All shelving to be removable type. Finished in No. 4 satin finish and constructed in sections of not more than 750mm. where shelves are more than 1500mm above floor, underside of shelf to be finished same as top. All shelves to be removable for easy cleaning.

## **21. SINKS SET INTO WORK COUNTERS OR TABLE TOPS**

- a. Sinks to be constructed of same gauge and material as specified for counter tops. Top perimeter of each sink to be continuously electrically welded to edge of opening in table of counter top, with resulting welds ground and polished smooth so that sink and tops is integral unit. Tables or counter tops to be die-punched to receive 20mm faucets.
- b. All sinks to have both vertical and horizontal corners rounded on 25mm radius, with bottoms pitched to 40 or 50mm waste out let depending on which is indicated drawings.
- c. Sinks to be finished and appearance to be same as table or counter tops.

## **22. EXHAUST HOOD**

The overall size as per drawings. The construction details are specific to location and are as shown in drawings appearing at the end of this documents. The body shall be 18 ga. 304 Polished S/S on all sides, the grease filters shall be removable baffle type section, measuring 20" x 20" x 2" thick, and set an angle of 45° in full-length w/bottom of filters set in continuous channels smooth clean wiping grease gutter on all four sides. 4-Nos. of exhaust duct collars of size 18" Wide x 12" Deep to be provided at site. There shall be adequate lights of type Bulkhead fixture/gasket diffusing glass. Heat resistant wiring in heat proof flexible M.S. conduits, Bulbs of 18 watts LED, 220V-50C-1 Phase, earth wiring to be provided, wiring to terminate in electrical junction box at top on right side. Construction of the hood shall be in required parts based on site conditions and movement through corridors with bends turn and heights of corridor and stairs. Hoods shall be suspended from ceiling with 12 mm dia M.S. hanger rods at front and wall mounting support angles at rear. Units shall be of totally welded construction without any nuts or bolts. Exterior & interior finished to a uniform satin brushed finish. Gaps and crevices should be avoided. Interior surface of hood after installation shall be ensured for a clean wiping surface all around. Grease troughs should be provided for each sectional piece with 25 mm O.D. S/S pipe outlet terminating in slide out grease collection drawer with pan of S/S of size 5" Wide & 2" High approx. At rear bottom of the hood, 2" x 2" x No. 14 GA S/S wall angles, full width to be provided at bottom rear of hood with rear of angles grouted to rear wall with anchor fasteners.

## **23. MECHANICAL CONNECTIONS**

All plumbing, steam, electrical, ventilating services and final connections are not included as part of the Kitchen Equipment Contract. However, all pipes and fittings within equipment, all necessary valves and fittings, and all starting switches as required with overload protection, shall be included with the respective items of equipment.

## **24. FAUCETS, VALVES, FITTINGS, ETC. (PLUMBING)**

Kitchen Equipment contractor to include following: \_ faucets, valves, fittings, etc. as part of kitchen equipment contract. It will be the Kitchen Equipment Contractor's responsibility to furnish all necessary faucets, valves, fittings, etc. and to be assembled and installed at site. All the joints and plumbing connection is a part of kitchen equipment contract.

## **25. REFRIGERATION AND REFRIGERATION EQUIPMENT**

- a. All compressors of make approved by client mounted within counters, remotely installed or installed on bases, etc. shall be equipped with anti-vibrators and noise eliminators. Units shall be heavy duty, noiseless, of approved manufacture. All compressors though not called for in specifications to be provided with necessary starting switches. Remote and self-contained refrigerators, ice cream cabinets and other refrigeration equipment shall be furnished with manufacturer's warranty for period of five (5) year for compressor one (1) year other items from date of commissioning or handover to IIM Raipur whichever is later.

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b. All compressors to be complete with copper tubing, dehydrated and sealed at time of installation and to be provided with pressure switches, line dryers, dehydrators and sight glasses, Refrigerant lines extended from compressor locations to individual units to be fully wrapped and adequately supported. In all instances both section and pressure lines are to be run individually and rapped individually. 99% up time guaranty.

## **26. GAS SPECIFICATIONS**

**The specifications of the Natural Gas are:**

Methane Not less than 75% by volume.

Other gaseous hydrocarbon Not more than 20% by volume.

Non –combustible gases other than not more than 8% by volume

Hydrocarbons including Nitrogen,

Carbon dioxide & Oxygen. .

Total Sulphur 10ppm vol. (max)

Moisture content No free water will be present

Specific Gravity 0.6

## **27. INSPECTION AND TESTING**

Tests on site of completed works shall demonstrate:

- a) That the equipment installed complies with specification in all particulars and is of the correct rating for the duty and site conditions.
- b) That all items operate efficiently and quietly to meet the specified requirements.
- c) That all circuits are correctly protected and that protective devices are properly coordinated.
- d) That all non-current carrying metal parts are properly and safely grounded in accordance with the specifications and Codes of Practice.

The contractor shall provide all necessary instruments and labour for testing, shall make adequate records of test procedures and readings, shall repeat any tests requested by the Engineer In-Charge and shall provide test certificates signed by a properly authorised person. Such test shall be conducted on all materials and equipments and on completed work as called for by the Engineer In-Charge.

If it is proved that the installation or part thereof is not satisfactorily carried out then the contractor shall be liable for the rectification and retesting of the same as called for by the Engineer In-Charge at the cost of the contractor. The EIC/ Engineer In-Charges decision as to what constitutes a satisfactory test shall be final.

The above general requirements as to testing shall be read in conjunction with any particular requirements specified elsewhere. All tests shall be carried out by a test house approved by the Engineer In-Charge.

All testing instruments, velocity meter, digital thermometer, psychrometer, measuring steel tapes, tools, scaffolding and ladders etc. that may be required for taking measurements shall be arranged by contractor at his own cost.

All types of routine and other tests shall be carried out at the works of the Contractor or the manufacturers of the components. The Client shall be free to witness any or all tests, if they so desired. The Contractor has to inform to the Engineer In-Charge before dispatch of any material / equipment.

On the completion of the installation the Contractor shall arrange to carry out various initial tests as detailed below, in the presence of Engineer In-Charge or his authorized representative and to the entire satisfaction of the Engineer In-Charge or his authorized representative. Any defect or short-coming found during the tests shall be speedily rectified or made good by the Contractor at his own expenses.

The initial tests shall include, but, not be limited to the following:

To operate and check proper functioning of all electrically operated components viz. Compressor motor, fan etc. as well as other electrical motors.

To test and check the proper functioning of electrical gears, safety and other controls to ensure their proper functioning.

To check the freezer system and to provide designed freezing by doing necessary adjustments.

To check & balance / adjust the water in the water circuit for smooth and noiseless flow.

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To check the systems against leaks in different circuits, alignment of motor, control setting.

Tests on site of completed works shall demonstrate the following:

That the equipment installed complies with specification in all respect and is of the correct rating for the duty and site conditions.

That all items operate efficiently and quietly to meet the specified requirements.

That all circuits are fully protected and that protective devices are properly co-ordinated.

That all non-current carrying metal parts are properly and safely grounded in accordance with the specification and appropriate Codes of Practice.

The contractor shall provide all necessary instruments and labour for testing, shall make adequate records of test procedures and readings, shall repeat any tests requested by the Engineer In-Charge and shall provide test certificate signed by an authorized person. Such test shall be conducted on all materials and equipment and tests on completed work as called for by the Engineer In-Charge at contractor's expenses unless otherwise called for.

If it is proved that the installation or part thereof is not satisfactorily carried out then the contractor shall be liable for the rectification of the same. Engineer In-Charge's decision as to what constitutes a satisfactory installation shall be final.

### **SPECIAL INSTRUCTIONS**

Unless otherwise specified, the variation in stated dimensions up to +/- 2% may be acceptable.

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## **LIST OF APPROVED MAKES**

**Signature of Contractor**

**Signature of Employer**

**INDIAN INSTITUTE OF MANAGEMENT DINING CENTRE, RAIPUR  
APPROVED MAKES OF KITCHEN EQUIPMENT (DINING BLOCK)**

	Sl.No.	DESCRIPTION	MAKE-1	MAKE-2	MAKE-3
	1	FIRE SUPPRESSION SYSTEM	SWASTIK	BUCKEYE	CEASE FIRE
	2	EXHAUST HOOD	SIMPLE	KUMAR	KONCEPT
	3	MEAT FREEZER	SELFROST	BLUESTAR	RINAC
	4	GARBAGE REFRIGERATOR	SELFROST	BLUESTAR	RINAC
	5	VEG./DAIRY,HOLDING REFRIGERATOR	SELFROST	BLUESTAR	RINAC
	6	MEAT REFRIGERATOR	SELFROST	BLUESTAR	RINAC
	7	INSECT-O-CUTTER	PEST-O-FLUSH	FUSION	MICROKILL
	8	AIR CURTAIN	EURONICS	EUREKA	TRIPTI
	9	HAND SINK WITH SOAP DISPENSER	SIMPLE	KUMAR	KONCEPT
	10	HAND DRYER	EURONICS	BLUE CIRCLE	U-TEC
	11	STORE ROOM SHELVING	NILKAMAL	VINAR	GODREJ
	12	FLOOR DRAIN GRATING	SIMPLE	KUMAR	KONCEPT
	13	DRAIN TROUGH GRATING WITH S/S GUTTER & BASKET	SIMPLE	KUMAR	KONCEPT

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Signature of Employer

# **DRAWINGS & PICTURES**

**Signature of Contractor**

**Signature of Employer**

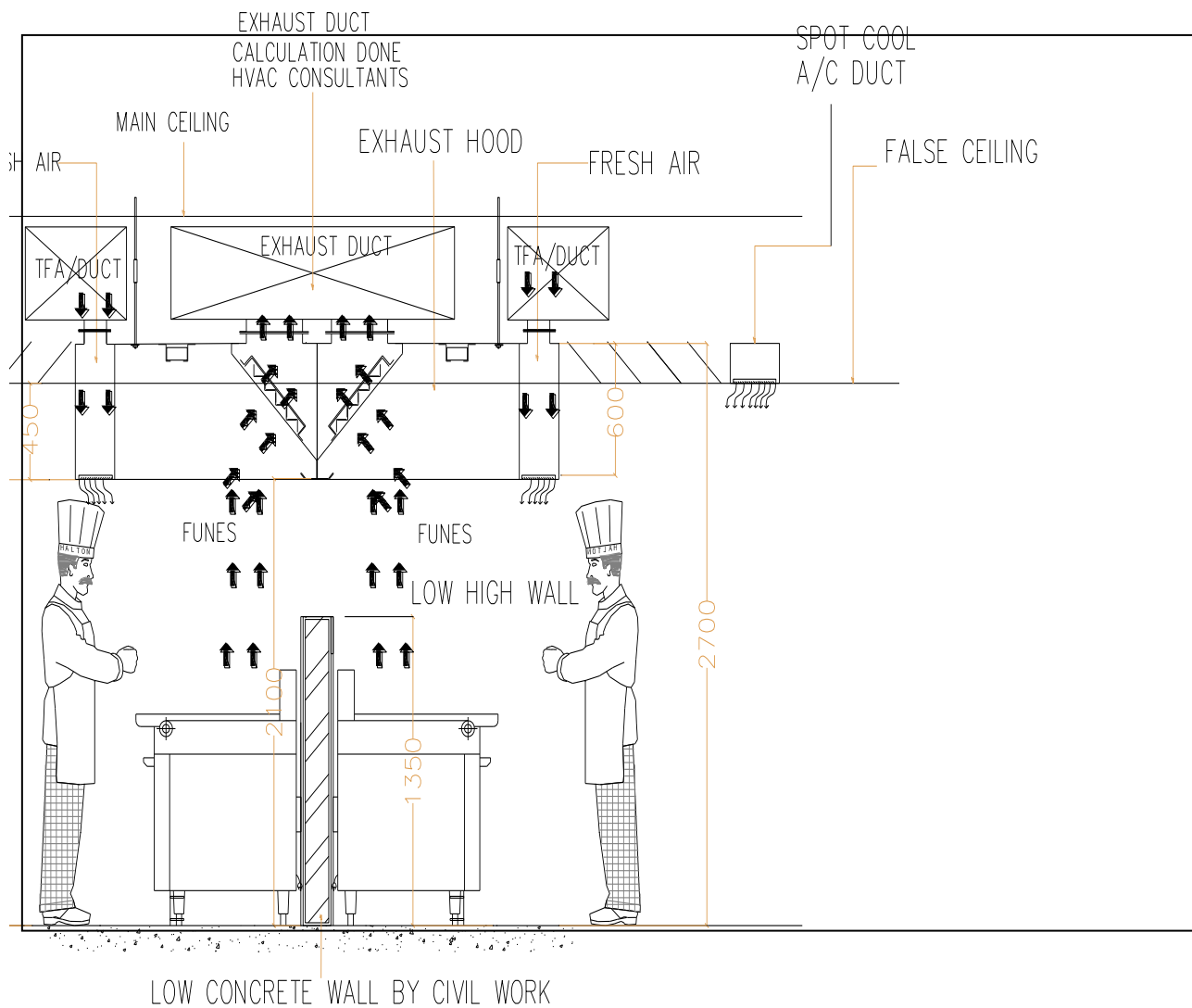
1 FIRE SUPPRESSION SYSTEMS



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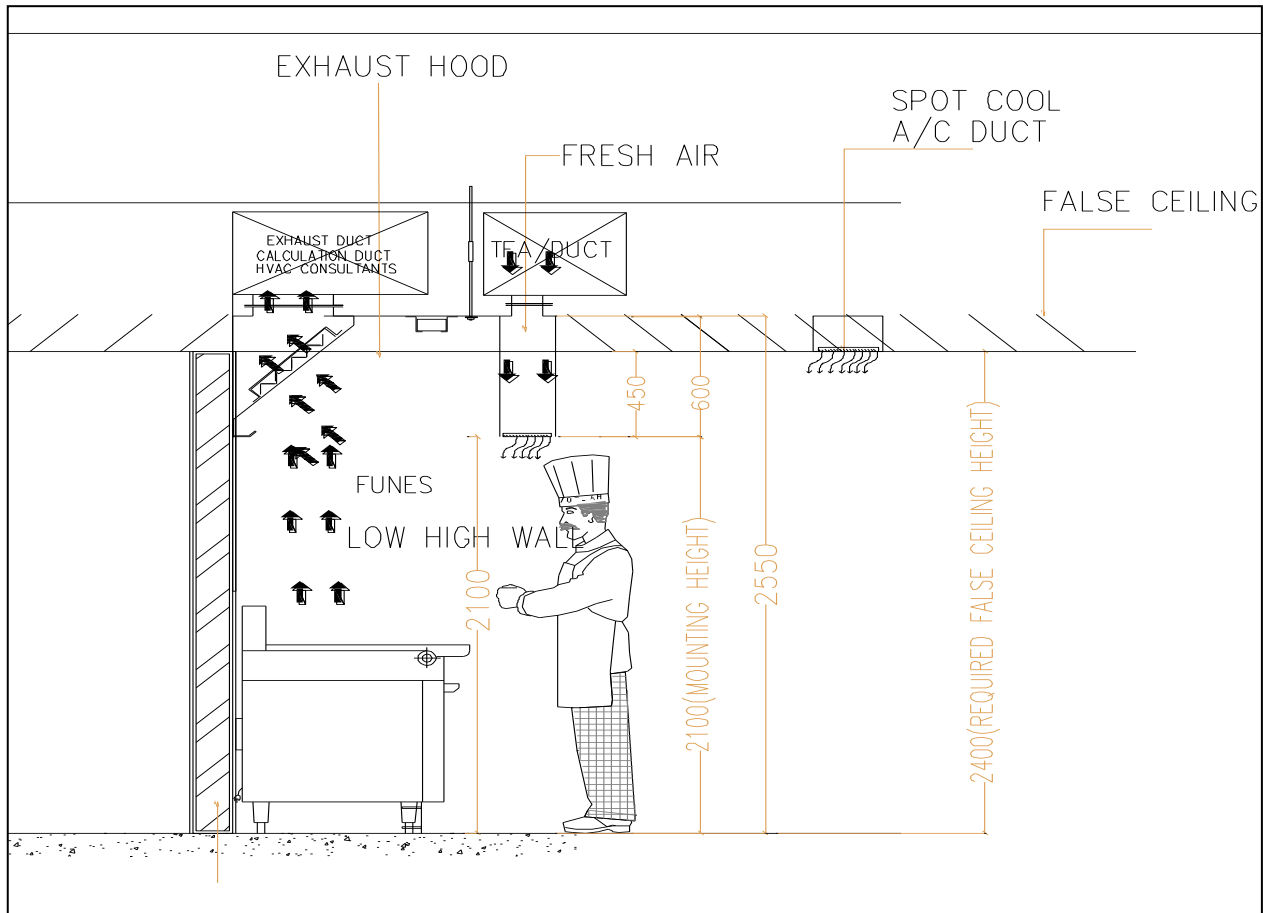
## 2 EXHAUST HOOD (ISOLATED TYPE)



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### 3 EXHAUST HOOD (AGAINST WALL)



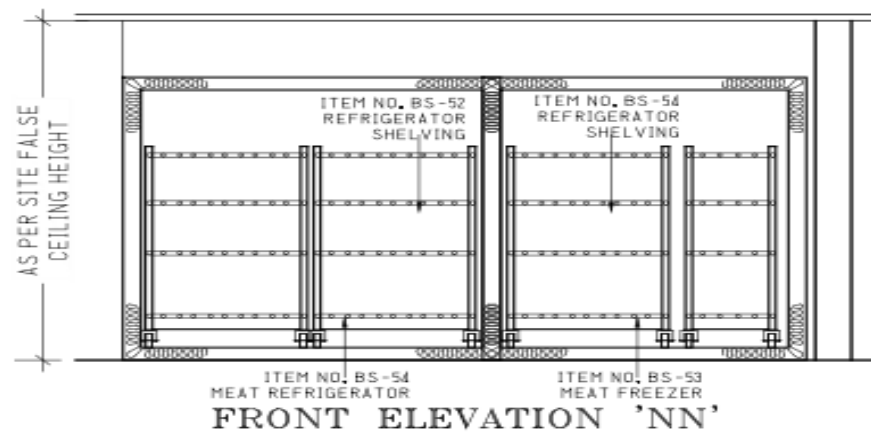
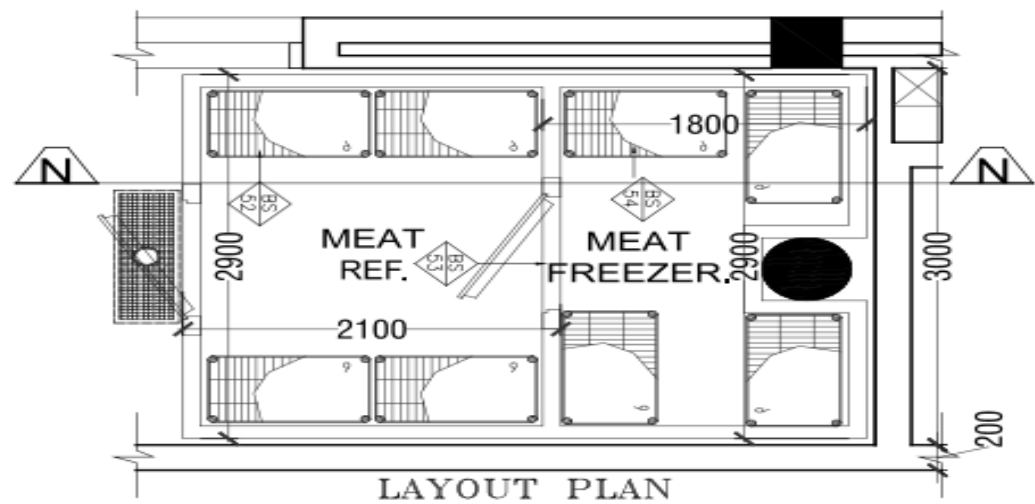
Signature of Contractor

Signature of Employer



#### 4 MEAT REFRIGERATOR / FREEZER

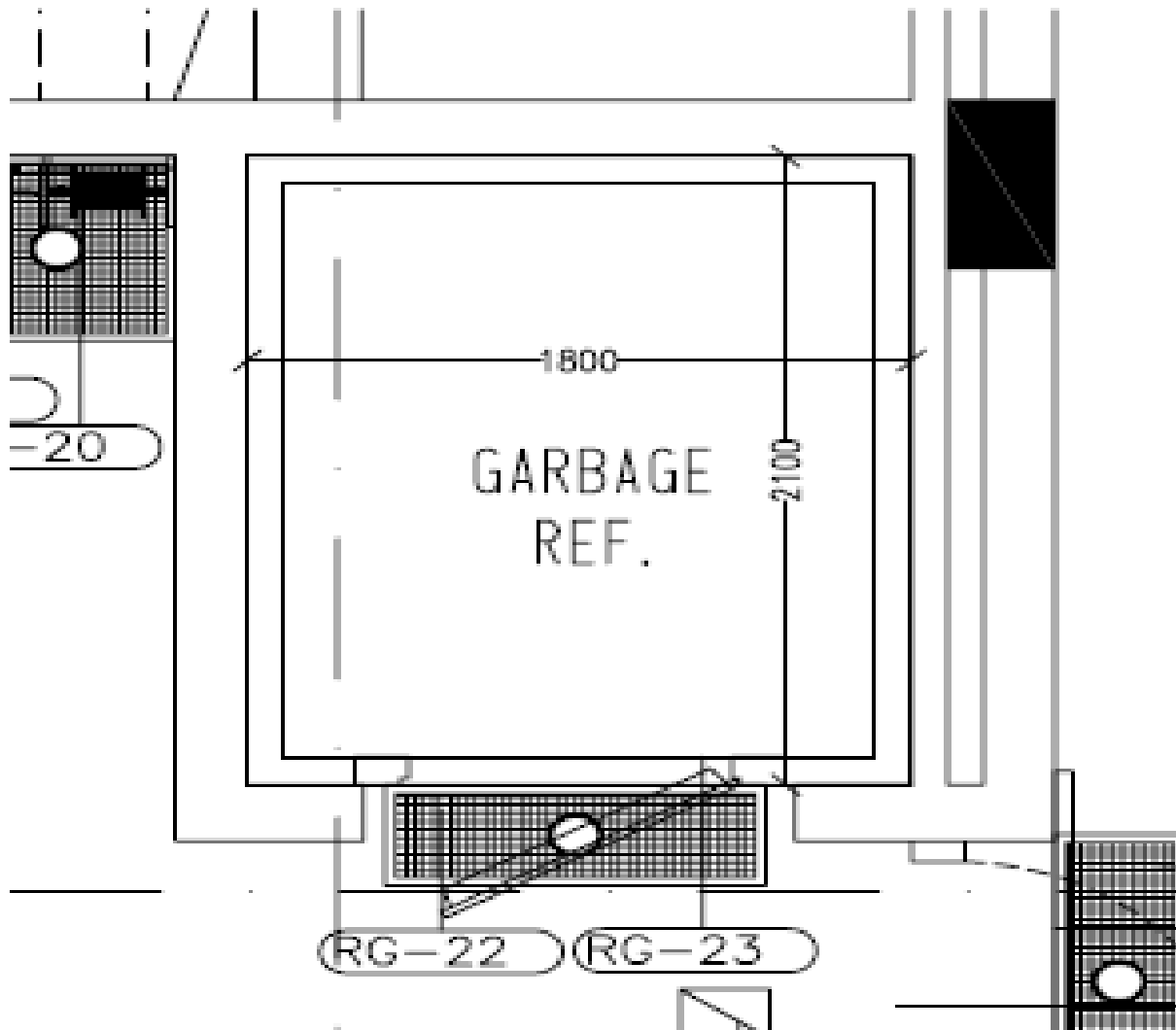
### MEAT REF. & FREEZER LAYOUT



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Signature of Employer

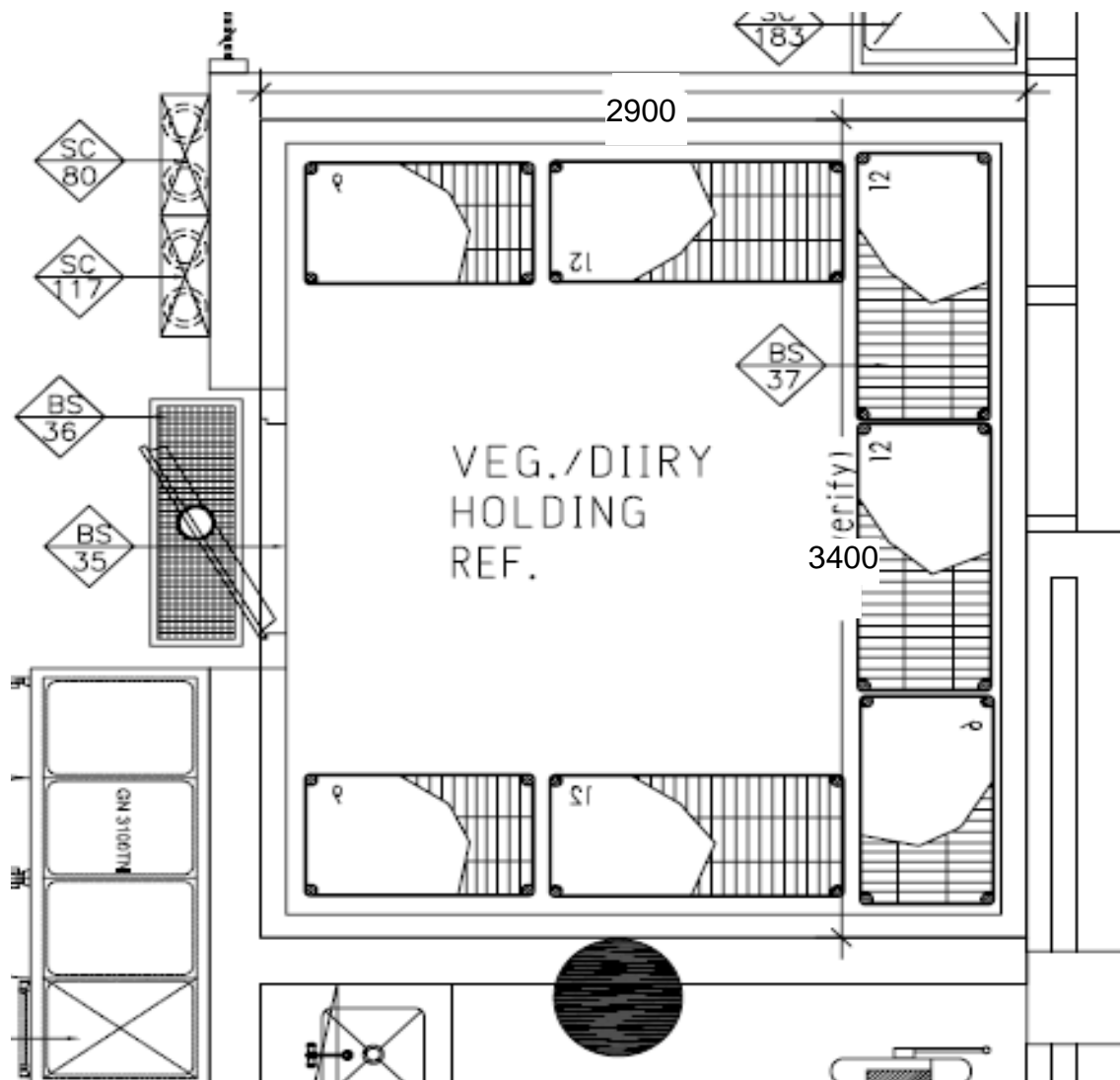
## 5 GARBAGE REFRIGERATOR



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# 6 VEG/ DAIRY REFRIGERATOR



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Signature of Employer

7 INSECT-O-CUTTER



Signature of Contractor

Signature of Employer

## 8 AIR CURTAIN



Signature of Contractor

Signature of Employer

**9 HAND SINK**



Signature of Contractor

Signature of Employer

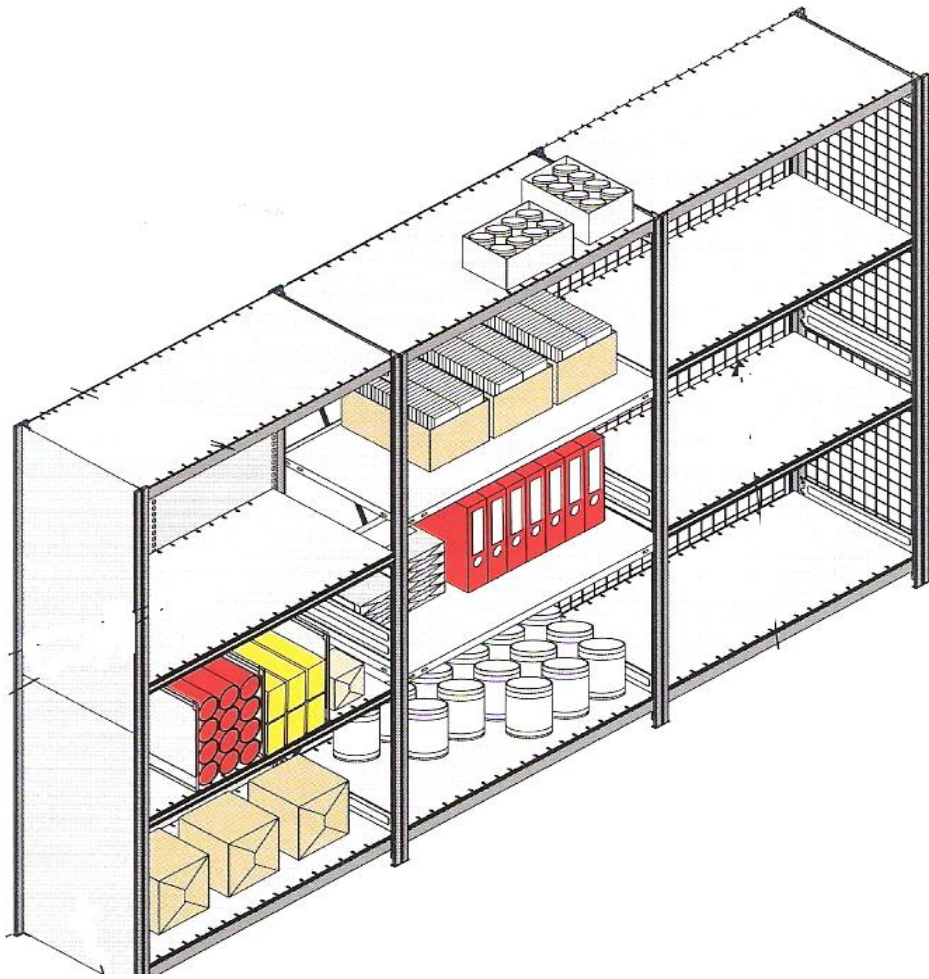
10 HAND DRYER



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Signature of Employer

## 11 STORE ROOM SHELVING

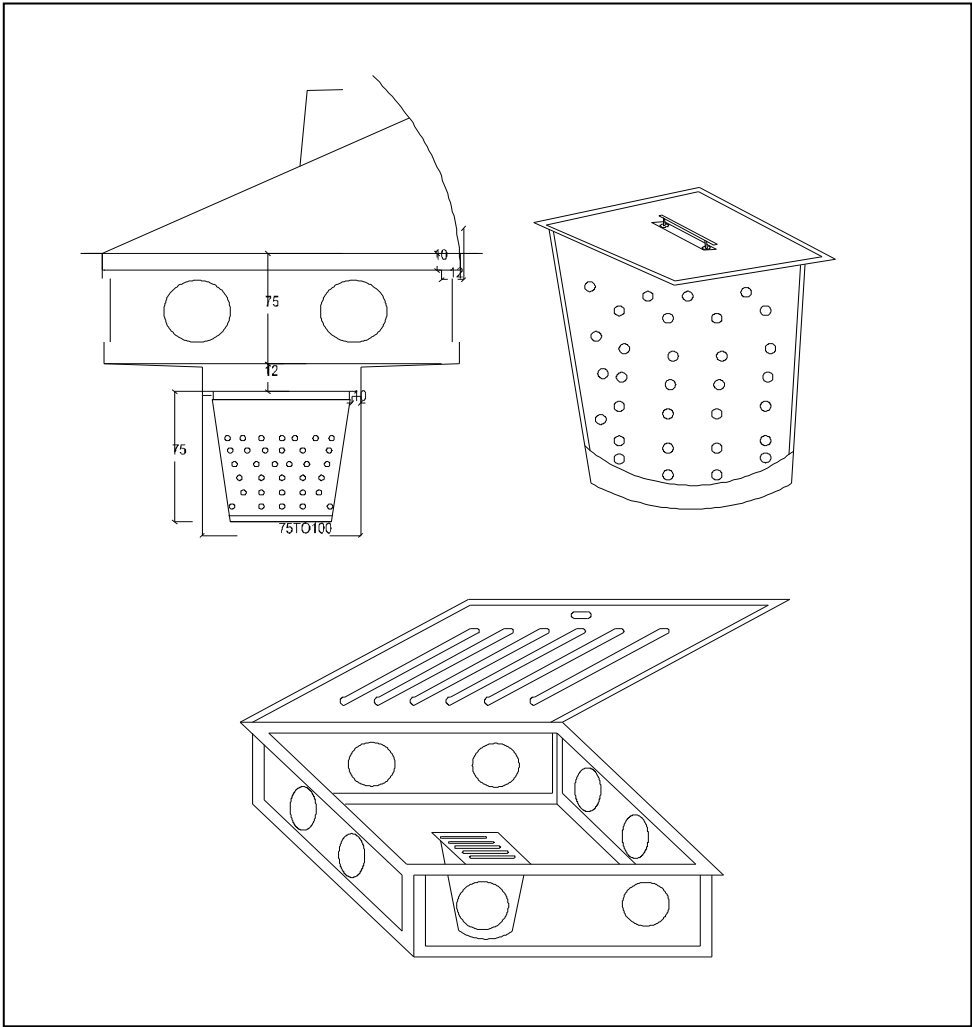


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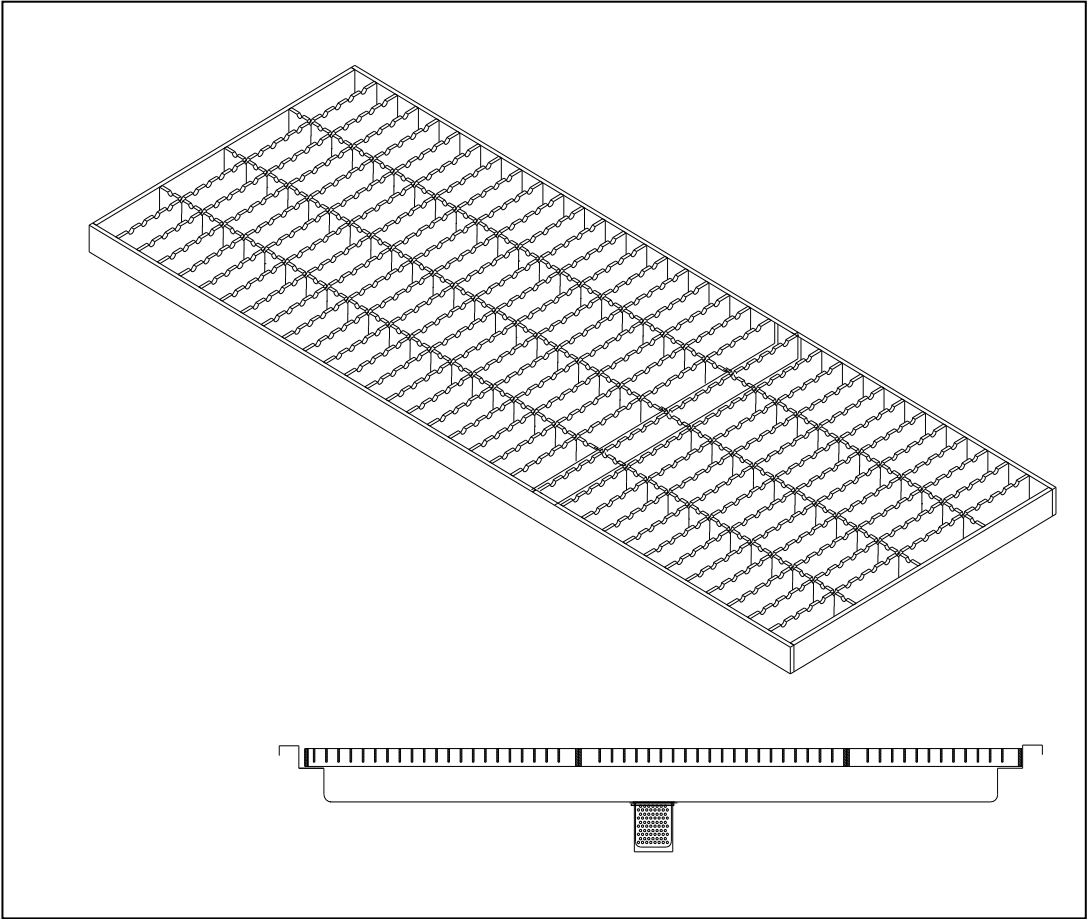
12 FLOOR DRAIN GRATING WITH SS GUTTER AND BASKET



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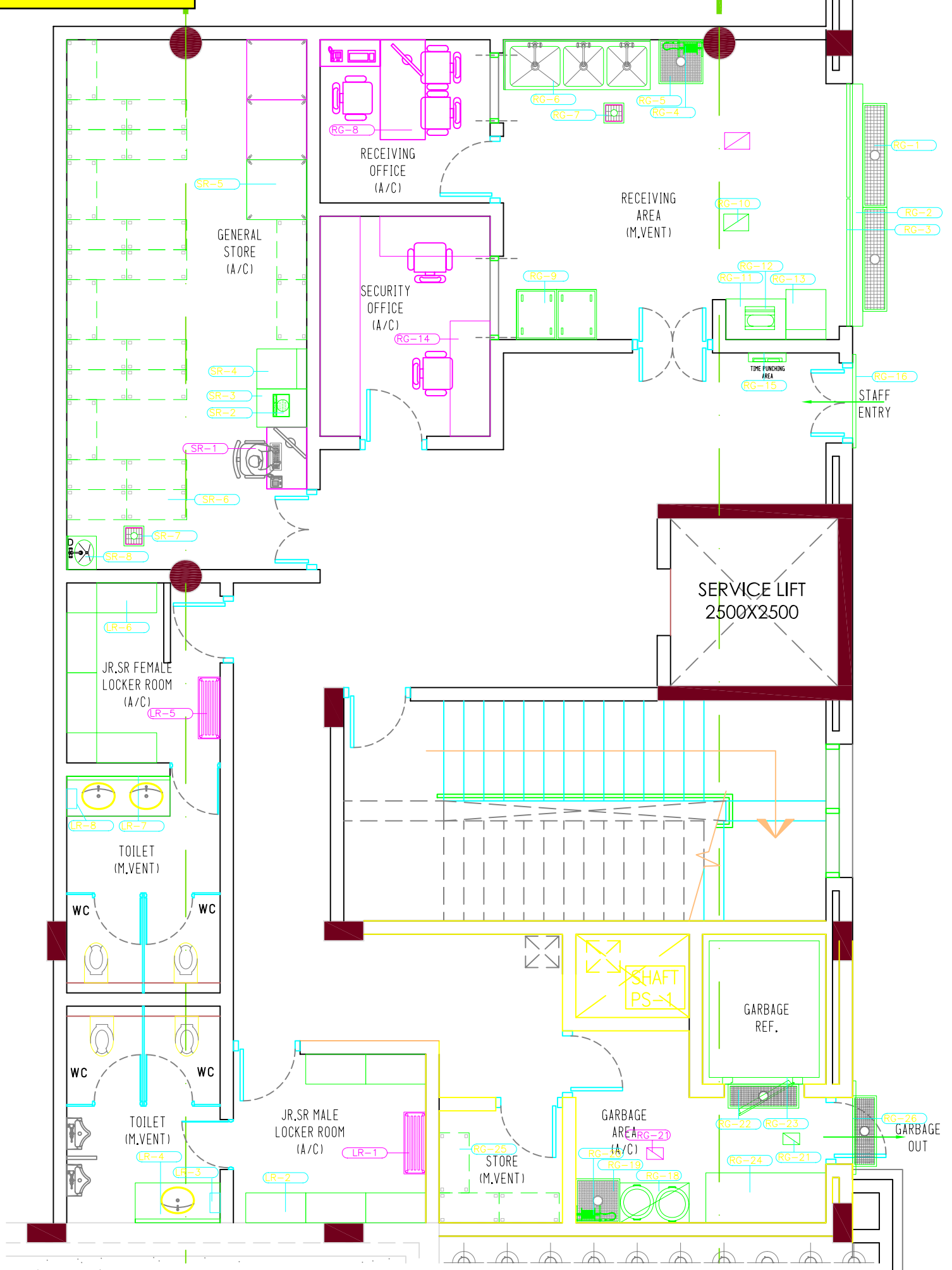
Signature of Employer

13 DRAIN TROUGH GRATING WITH S/S GUTTER & BASKET

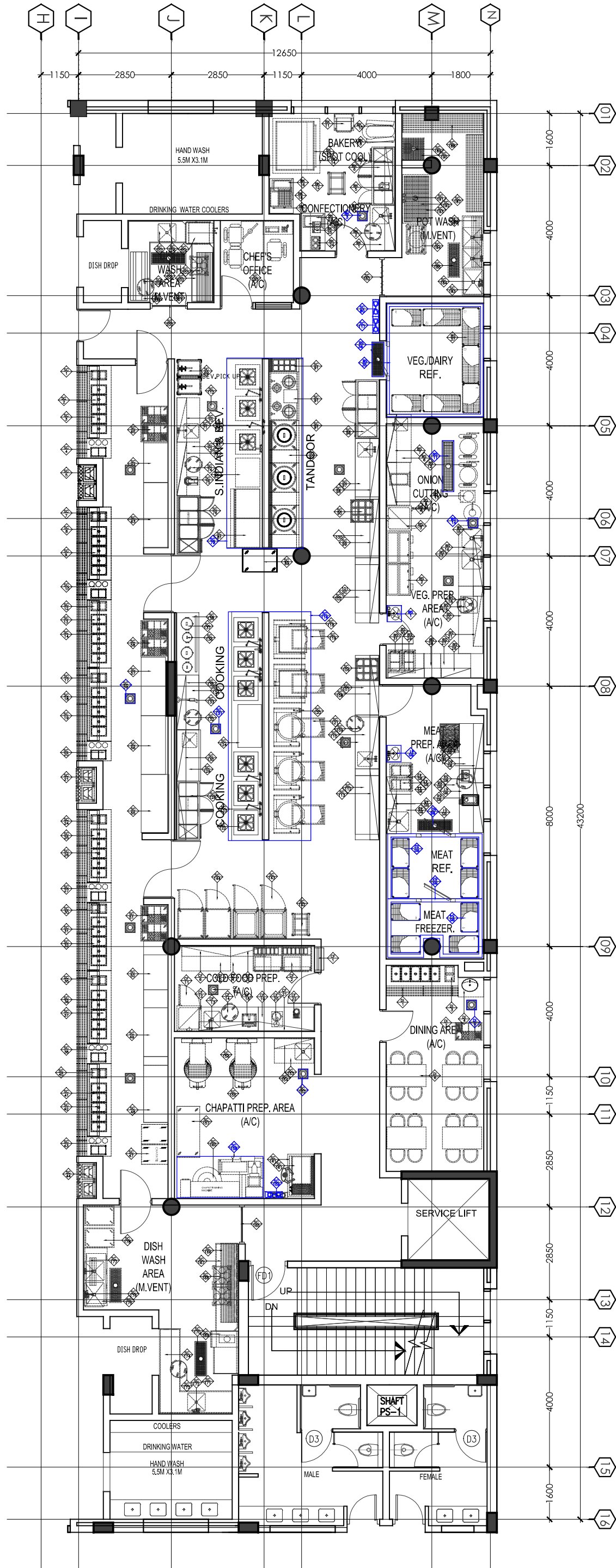


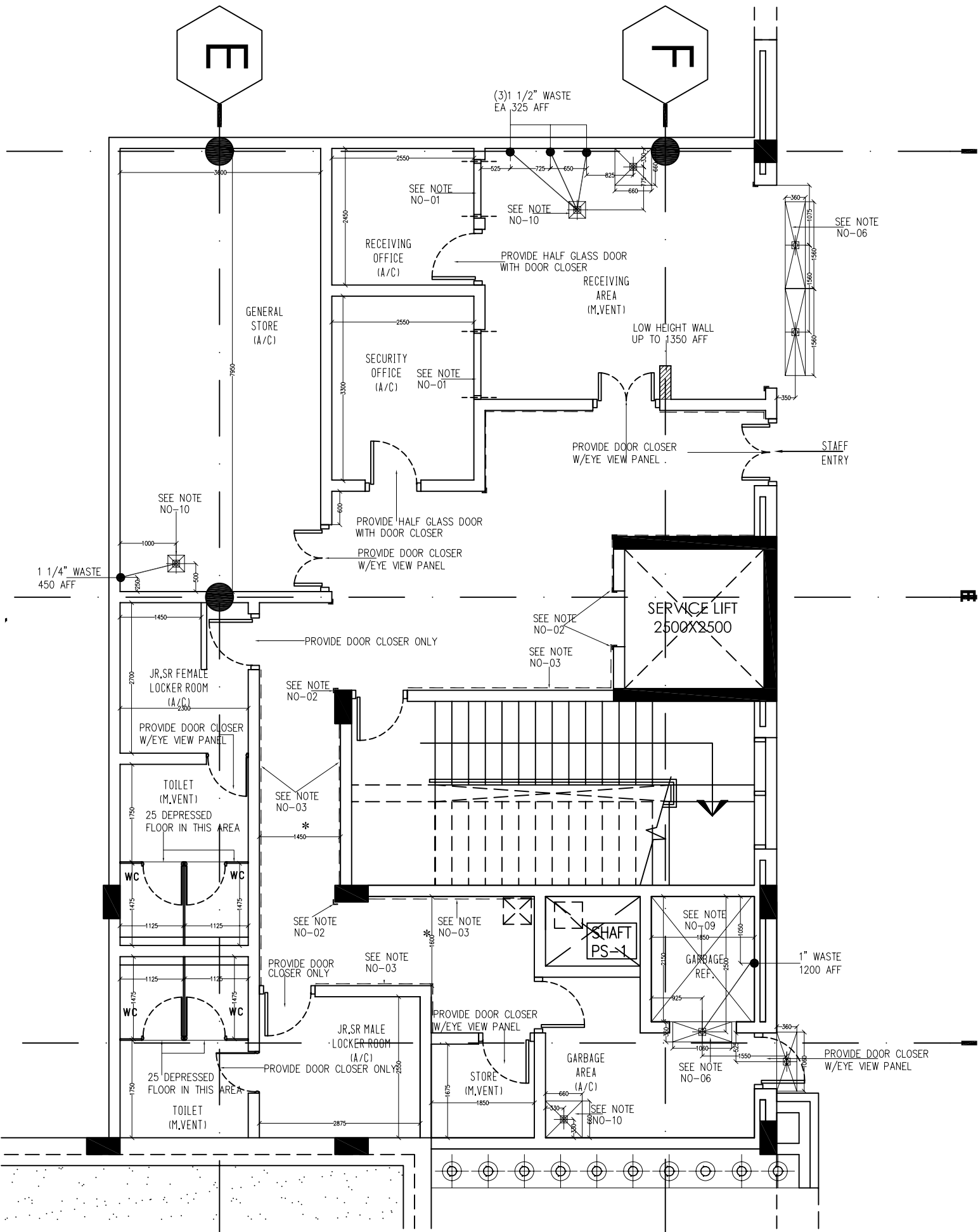
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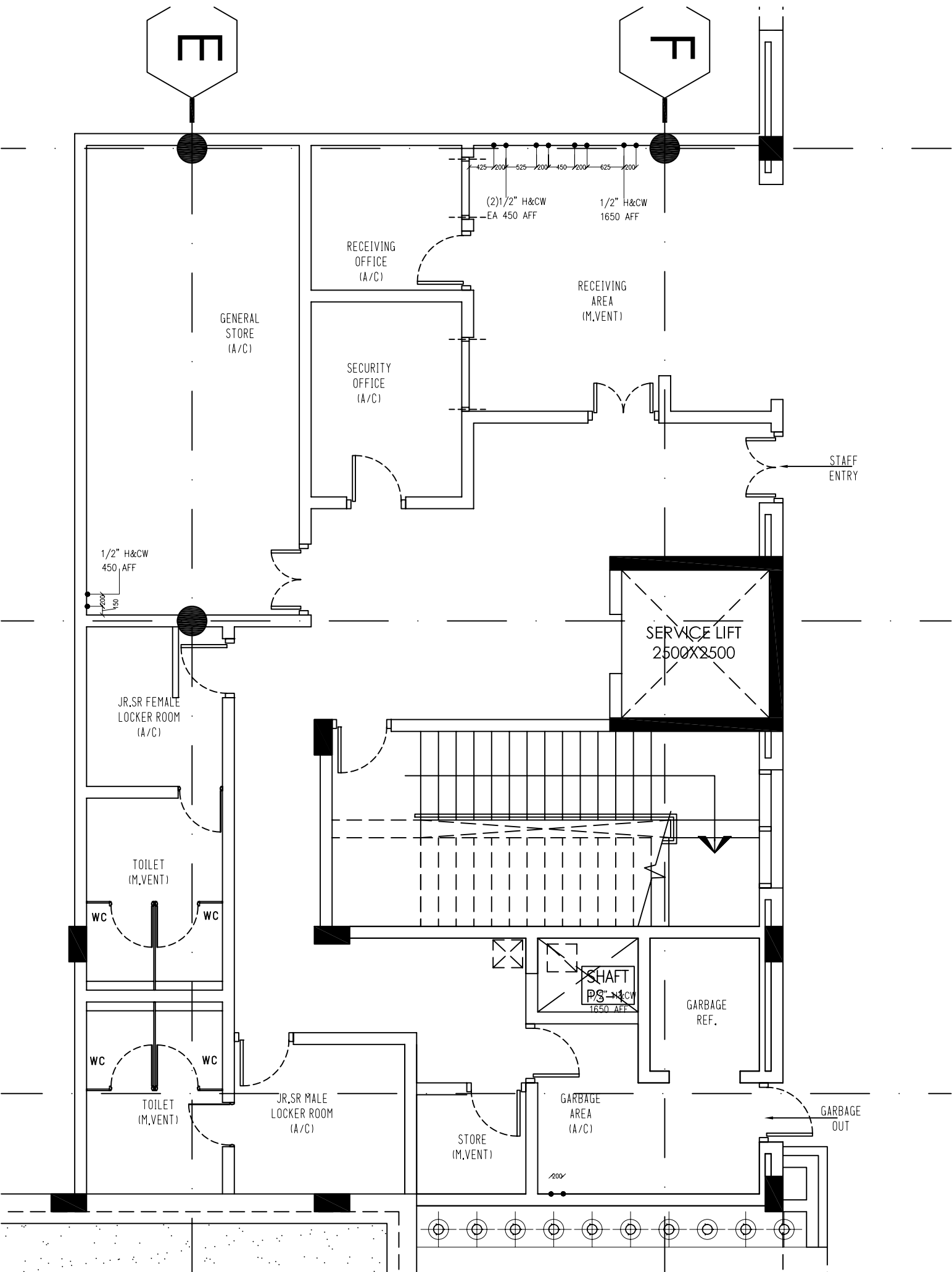
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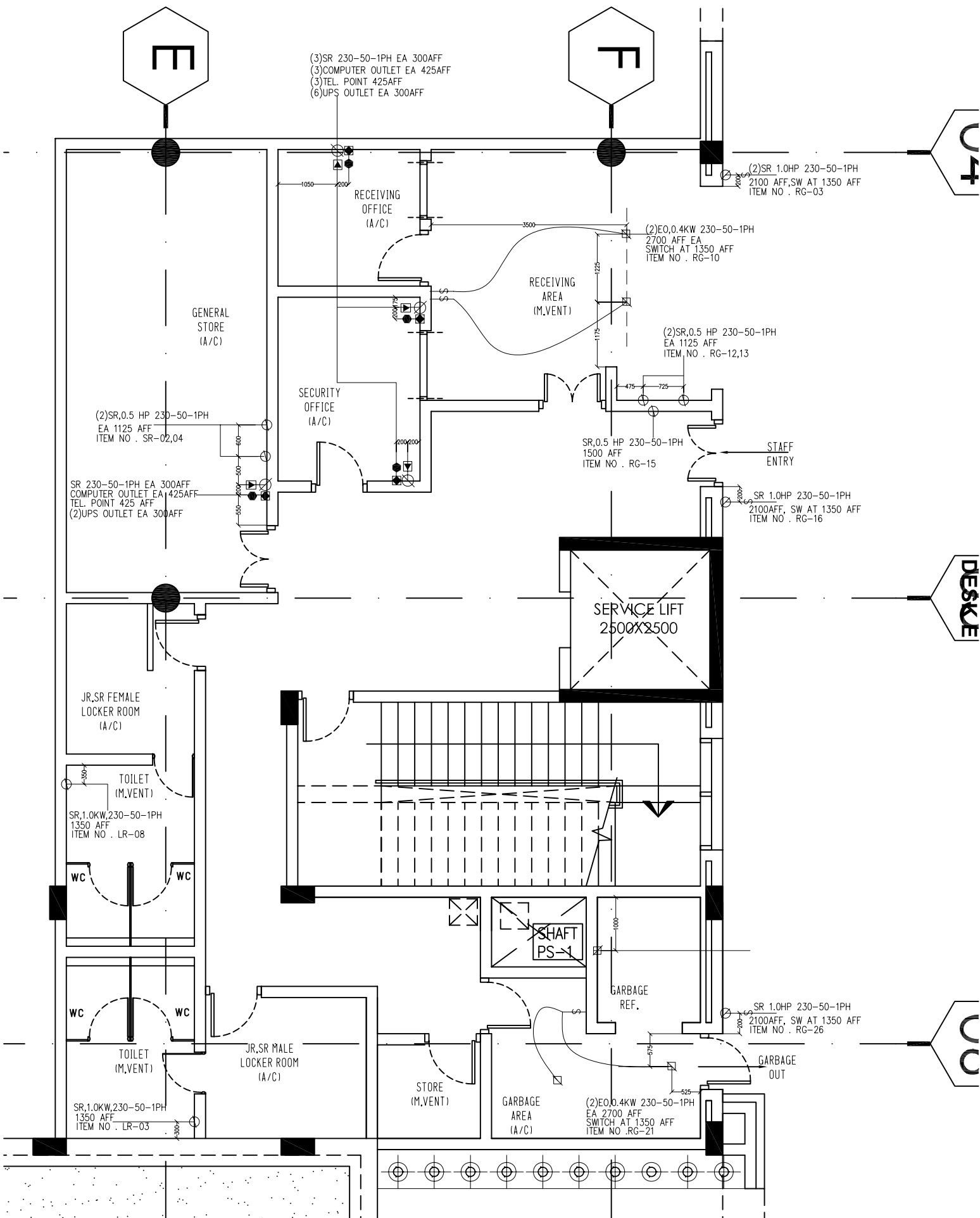


ARRANGEMENT PLAN  
OF DINING BLOCK KITCHEN

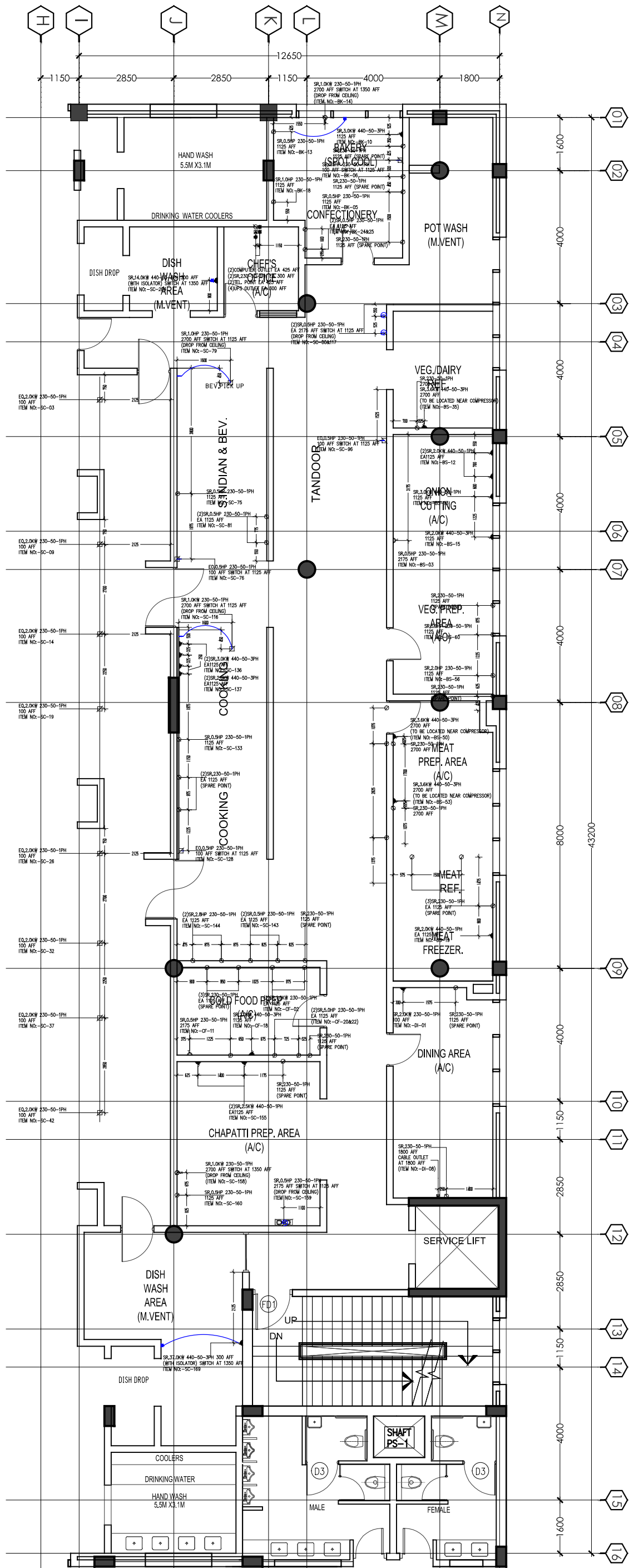








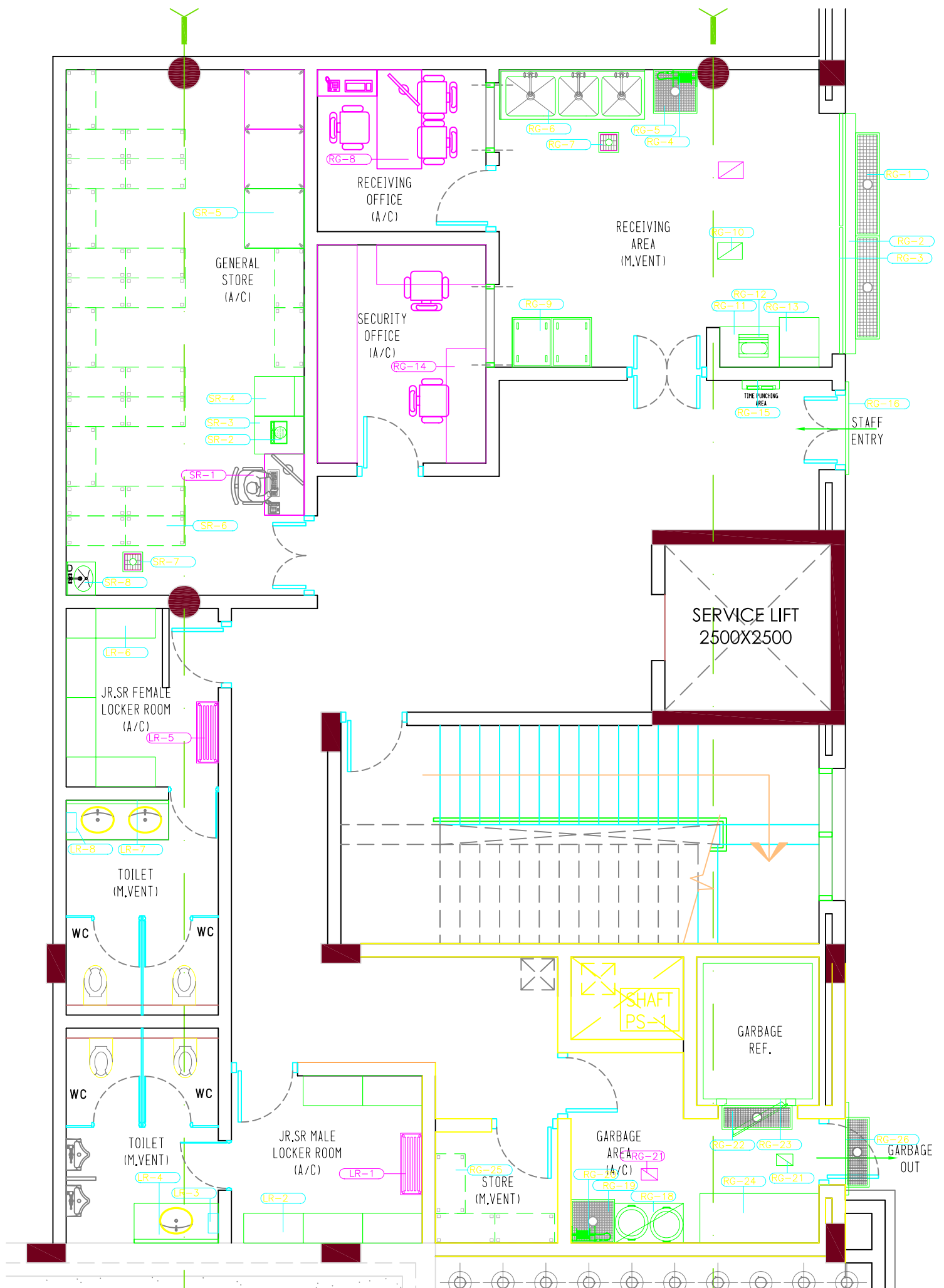
ELECTRICAL PLAN  
OF DINING BLOCK KITCHEN



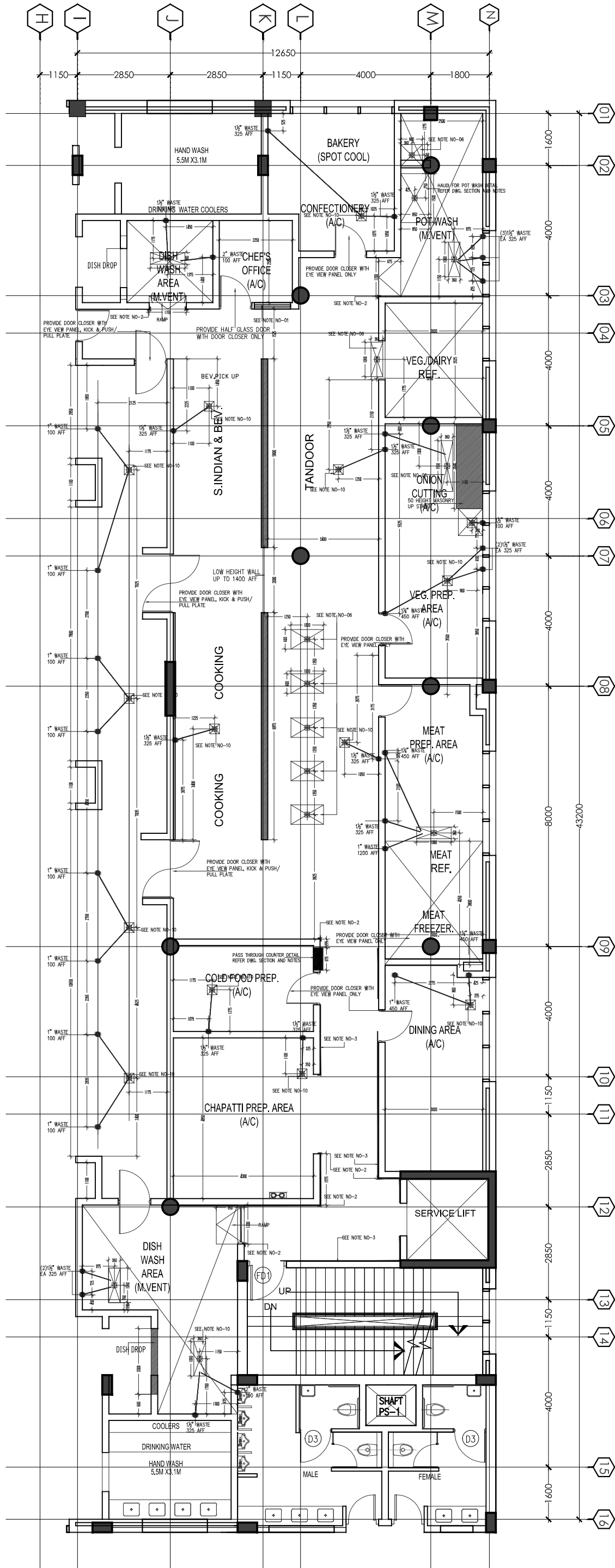
LEGEND	
	16 AMP METAL CLIDE SINGLE PH SOCKET WITH SWITCH
	16 AMP METAL CLIDE SINGLE PH SOCKET WITHOUT SWITCH
	SINGLE PHASE INDUSTRIAL SWITCH 1125 AFF
	15.5 AMP MULTIPOLAR SINGLE PHASE SOCKET WITH SWITCH
	15.5 AMP MULTIPOLAR SINGLE PHASE SOCKET WITHOUT SWITCH
	MULTIPOLAR 5/15 SINGLE PHASE SWITCH 1125 AFF
	20/30 AMP METAL CLIDE THREE PH SOCKET WITH SWITCH
	20/30 AMP METAL CLIDE THREE PH SOCKET WITHOUT SWITCH
	THREE PHASE INDUSTRIAL SWITCH W/ ISOLATOR AT 1125 AFF
	ELECTRICAL OUTLET SINGLE PHASE WITH COVER BOX
	ELECTRICAL OUTLET THREE PHASE WITH COVER BOX
	COMPUTER OUTLET
	UPS OUTLET
	TELEPHONE POINT
	WALL MOUNTED SPEAKER
	BOARD BOARD

NOTE: - ALL SERVICE LINES RELATED TO HW/CW/ELECTRICALS TO BE BURIED IN TO WALL/FLOOR & FLUSH WITH FINISH SURFACE. TO BE PROVIDED BY ARCHITECT.  
NOTE:-1 ALL DATA POINT LOCATION AND DISTANCES TO BE ACCOMMODATE ON THE BASES OF FURNITURE DESIGN DEVELOP BY ID.  
2. SERVICE RELATED TO TV, SERVER & BATTERY ROOM TO BE INCORPORATED AS PER SELECTED VENDERS REQUIREMENTS.  
3.SERVICES RELATED TO OFFICES AREA IN VARIOUS FLOORS TO BE DEVELOP AND COORDINATE WITH IT CONSULTANT.  
4.THE ELECTRICAL SERVICE WHICH NEED TO BE TREATED AS A TAMP LOCATION AND NEED TO BE UPDATE ON BASIS OF SELECTED VENDER SHOP DWG.



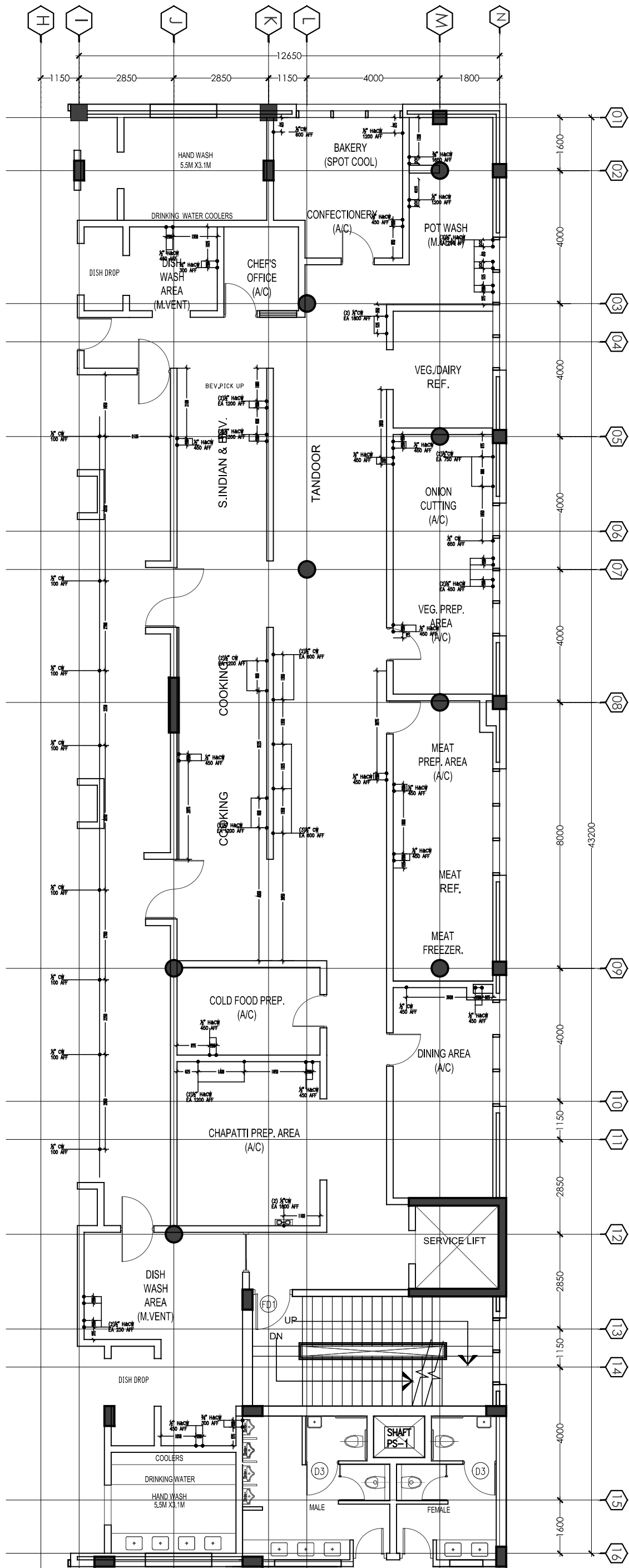


MASONRY PLAN  
OF DINING BLOCK KITCHEN



LEGEND	
	GENERAL FLOOR DRAIN

ROUGHING PLAN  
OF DINING BLOCK KITCHEN



LEGEND	
●	H.W. HOT WATER
●	C.W. COLD WATER
A.F.F.	ABOVE FINISHED FLOOR
EA	EACH
SYMBOLS	
●	H.W. HOT WATER
●	C.W. COLD WATER
○	I.W. INDIRECT WASTE
\$	SW. SWITCH
■	S.S. STEAM SUPPLY
◆	S.R. STEAM RETURN
▶	G GAS
⊕	F.D. FLOOR DRAIN
○	VACCUUM
▷	AIR

NOTE: - ALL SERVICE LINES RELATED TO HW/CW TO BE BURIED IN TO WALL/FLOOR & FLUSH WITH FINISH SURFACE.  
DETAILS OF ALL W.C. & TOILET DETAILS TO BE PROVIDED BY ARCHITECT  
THE PLUMBING POINT SERVICE WHICH NEED TO BE TREATED AS A TAMP LOCATION  
AND NEED TO BE UPDATE ON BASIS OF SELECTED VENDER SHOP DWG.