



SEEPZ SEZ AUTHORITY

(Using E- Procurement mode on Central Public Procurement Portal)

**REQUEST FOR PROPOSAL
FOR**

**INTERIOR WORKS OF CUSTOMS IMPORT EXPORT FACILITATION CENTRE AT GROUND
FLOOR OF STANDARD DESIGN FACTORY (SDF)-08 AT SEEPZ-SEZ, ANDHERI (E),
MUMBAI, MAHARASHTRA**

Tender Ref. No.: **SEEPZ-SEZ/IT/PMC/CIW/01/2024-25**

Date of Issue: 24.05.2025

ISSUING AUTHORITY:

Development Commissioner, SEEPZ- SEZ, Mumbai

Postal Address: SEEPZ SEZ, MIDC Central Road,
Andheri East, Mumbai 400096.

E-Mail: dcseepz-mah@nic.in

Helpline No.: 022-28290856

Landline: 022-28294728/29

(From 9:30 A.M. to 6:00 P.M.)

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INVITATION FOR BIDDING

Ref No: **SEEPZ-SEZ/IT/PMC**/CIW/01/2024-25

Date: 24.05.2025

Title: Request for Proposals for “**Interior Works of Customs Import Export Facilitation Centre at Ground Floor of Standard Design Factory (SDF)-08 at Seepz-Sez, Andheri (E), Mumbai, Maharashtra**”

Sir/Madam

The SEEPZ- SEZ Authority Invites E-tender for “**Interior Works of Customs Import Export Facilitation Centre at Ground Floor of Standard Design Factory (SDF)-08 at Seepz-Sez, Andheri (E), Mumbai, Maharashtra** on **Item rate basis** in two cover system from experienced and competent bidders, meeting prescribed qualifying criteria as mentioned in the bidding documents.

The process of selection of suitable bidder shall be through Least Cost Based Selection (LCBS). The Bidding process shall be conducted in an online mode on the Central Public Procurement Portal (CPPP) which is publicly accessible using the following web address: <https://eprocure.gov.in/eprocure/app>. Bidders can download the Request for Proposals free of cost from this portal.

The Bidder should upload their technical and financial proposals separately within the stipulated time and date i.e., **13.06.2025 at 15:30**. The Bidder is solely responsible for timely uploading of Proposals on the e-procurement portal. SEEPZ SEZ Authority shall not be liable for resolving any queries / issues raised on the day of Proposal submission.

The Technical Proposals shall be opened online **at 16:00 hours on 14.06.2025**. Bidder can see the tender opening status by logging on to the e-procurement portal using their registered IDs. Financial Proposals of only technically qualified Bidder shall be opened at a date & time which shall be pre-disclosed on the e-procurement portal.

SEEPZ SEZ Authority reserves the right to accept or reject any or all the Proposals at any time during the Bidding process.

**Development Commissioner
SEEPZ SEZ Authority**

KEY INFORMATION AT A GLANCE

SN	Item	Description
1	RFP Ref. No.	SEEPZ-SEZ/IT/PMC/CIW/01/2024-25
2	RFP Title	"Interior Works of Customs Import Export Facilitation Centre at Ground Floor of Standard Design Factory (SDF)-08 at Seepz-Sez, Andheri (E), Mumbai, Maharashtra"
3	Estimated Cost of the Project (Approx.)	₹ 3,35,000,00/- (₹ Three Crore Thirty five Lakh Only)
4	Link for downloading the RFP documents	RFP can be downloaded free of cost from the following websites: https://eprocure.gov.in/epublish/app
5	EMD	An amount of ₹ 10,05,000. (₹ Ten lakh Five thousand only) has to be submitted through Bank Guarantee or Demand Draft from Nationalised Bank/Scheduled Bank.
6	Date of RFP Publishing	24.05.2025
7	Date and time of Pre-bid Meeting	All pre bid query to be send by mail 30.06.2025 11:00 hrs at Email: - hanishr.g171701@gov.in CC: seepzsez.wapcos@gmail.com
8	Last date and time for Submission of RFP	13.06.2025 at 15:30
9	Date and time of opening of RFP	14.06.2025 at 16:00 hours
10	Help Desk No. for e - Procurement Portal	0120-4200462, 0120-4001002, 0120-4001005
11	Authority to be contacted in case of any clarification / request for entry permission for physical visit	

INSTRUCTIONS FOR ONLINE EOI SUBMISSION

Bidders are required to submit soft copies of their proposal electronically on the CPP Portal, using valid Digital Signature Certificates. The instructions given below are meant to assist the Bidders in registering on the CPP Portal, prepare their proposals in accordance with the requirements and submitting their proposals online on the CPP Portal.

REGISTRATION

1. Bidders are required to enrol on the e-Procurement module of the Central Public Procurement Portal (URL: <https://eprocure.gov.in/eprocure/app>) by clicking on the link "Online Bidder Enrolment" on the CPP Portal which is free of charge.
2. As part of the enrolment process, the Bidders will be required to choose a unique username and assign a password for their accounts.
3. Bidders are advised to register their valid email address and mobile numbers as part of the registration process. These would be used for any communication from the CPPP.
4. Upon enrolment, the Bidders will be required to register their valid Digital Signature Certificate (Class III Certificates with signing key usage) issued by any Certifying Authority recognized by CCA India (e.g., Sify / nCode / eMudhra etc.), with their profile.
5. Only one valid DSC should be registered by a bidder. Please note that the Bidders are responsible to ensure that they do not lend their DSCs to others which may lead to misuse.
6. Bidder then logs in to the site through the secured log-in by entering their user ID / password and the password of the DSC / e-Token.

SEARCHING FOR TENDER DOCUMENTS

1. There are various search options built in the CPP Portal, to facilitate Bidders to search active tenders by several parameters. These parameters could include Tender ID, Organization Name, Location, Date, Value, etc. There is also an option of advanced search for tenders, wherein the Bidders may combine a number of search parameters such as Organization Name, Form of Contract, Location, Date, Other keywords etc. to search for a tender published on the CPP Portal.
2. Once the Bidders have selected the tenders they are interested in, they may download the required documents / tender schedules. These tenders can be moved to the respective 'My Tenders' folder. This would enable the CPP Portal to intimate the Bidders through SMS / e-mail in case there is any corrigendum issued to the tender document.

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

SECTION 1 - INSTRUCTIONS TO BIDDERS (ITB)

A. General

1	The number of the Invitation for Bids (IFB) is SEEPZ-SEZ/IT/PMC/CIW/01/2024-25
2	The Employer is: SEEPZ SEZ AUTHORITY
3	The name of the Project is: "Interior Works of Customs Import Export Facilitation Centre at Ground Floor of Standard Design Factory (SDF)-08 at Seepz-Sez, Andheri (E), Mumbai, Maharashtra"

B. Contents of Bidding Documents

4	For <u>clarification purposes</u> only, the Employer's address is: Mr. Hanish Rathi ADC, SEEPZ- SEZ Authority Mumbai Postal Address: SEEPZ SEZ, MIDC Central Road, Andheri East, Mumbai 400096. E-Mail: hanishr.g171701@gov.in 7976067037(M)
5	All pre bid query to be send by mail 30.06.2025 11:00 hrs at Email: - hanishr.g171701@gov.in CC: seepzsez.wapcos@gmail.com

C. Preparation of Bids

7	The language of the Bid is: English
8	The prices shall be quoted by the Bidder entirely in: Rupees
9	The bid validity period shall be 90 days from the date of submission.
10	The Bidder shall submit EMD for an amount of ₹ 10,05,000. (₹ Ten lakh Five thousand Only)
11	Any bid not accompanied by an EMD shall be rejected by the Employer as nonresponsive.
12	A power of attorney to sign the Bid documents shall be submitted

D. Submission and Opening of Bids

13	Bidders has to submit the bid online in CPP Portal
14	For EMD submission purposes only, the Employer's address is: Development Commissioner, SEEPZ- SEZ, Mumbai SEEPZ SEZ, MIDC Central Road, Andheri East, Mumbai 400096. E-Mail: dcseepz-mah@nic.in Helpline No.: 022-28290856 Landline: 022-28294728/29
15	The opening of the Technical Bid shall take place at: SEEPZ SEZ, MIDC Central Road, Andheri East, Mumbai 400096. E-Mail: dcseepz-mah@nic.in Helpline No.: 022-28290856 Landline: 022-28294728/29 14.06.2025 at 16:00 hours

E. Evaluation

16	The evaluation of bids shall be as per LCBS
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F. Bid Information	
Scope of Bid	In connection with the Invitation for Bids (IFB) indicated in the Bid Data Sheet (BDS), the Employer, as indicated in the BDS, issues this Bidding Document for the procurement of Works as specified in Section 5 (Employer's Requirements) .
Fraud and Corruption	The bidder shall be debarred if found he has been convicted of an offence under the Prevention of Corruption Act, 1988 or the Indian Penal Code or any other law for the time being in force.
Eligible Bidders	SEEPZ- SEZ Authority Invites Open E-tender "Interior Works of Customs Import Export Facilitation Centre at Ground Floor of Standard Design Factory (SDF)-08 at Seepz-Sez, Andheri (E), Mumbai, Maharashtra" "on item rate basis in two cover system from experienced and competent bidders, meeting prescribed qualifying criteria.
Eligible Materials, Equipment and Services	The Bidder should self-certify owned or having assured access (through hire, lease, purchase agreement, other commercial means) to the specified key items of equipment, in full working order, and satisfy that, based on known commitments.
Contents of Bidding Document	
Sections of Bidding Document	The Bidding Document consists of the following sections and should be read in conjunction with any addendum issued. <ul style="list-style-type: none"> • Invitation for bidding (IFB) • Section 1 - Instructions to Bidders (ITB) • Section 2 - Bid Data Sheet (BDS) • Section 3 - Evaluation and Qualification Criteria (EQC) • Section 4 - Bidding Forms (BDF) • Section 5 - Employer's Requirements (ERQ) • Section 7 - General Conditions of Contract (GCC) • Section 8 - Special Conditions of Contract (SCC) • Section 9 - Contract Forms (COF)
	The Employer is not responsible for the completeness of the Bidding Document and their addenda, if they were not obtained directly from the source stated by the Employer in the Invitation for bidding (IFB).
	The Bidder is expected to examine all instructions, forms, terms, and specifications in the Bidding Document. Failure to furnish all information or documentation required by the Bidding Document may result in the rejection of the bid.
Clarification of Bidding Document, Site Visit, Pre-Bid Meeting	The Bidder is advised to visit the Site of Works , existing similar structures and its surroundings and obtain for itself on its own responsibility all information that may be necessary for preparing the Bid and entering into a contract for Interior Works. The costs of visiting the Site shall be at the Bidder's own expense.
	The Bidder and any of its personnel or agents will be granted permission by the Employer to enter its premises and lands for the purpose of such visit, but only upon the condition that the

	Bidder, its personnel, and agents will release and indemnify the Employer and its personnel and agents from and against all liability in respect thereof, and will be responsible for death or personal injury, loss of or damage to property, and any other loss, damage, costs, and expenses incurred as a result of the inspection.
Amendment of Bidding Document	At any time prior to the deadline for submission of Bids, the Employer may amend the Bidding Document by issuing corrigendum/addendum.
	Any corrigendum/addendum issued shall be part of the Bidding Document and shall be communicated in writing to all who have obtained the Bidding Document from the Employer
	To give prospective Bidders reasonable time in which to take an addendum into account in preparing their Bids, the Employer may, at its discretion, extend the deadline for the submission of Bids
Preparation of Bids	
Cost of Bidding	The Bidder shall bear all costs associated with the preparation and submission of its Bid, and the Employer shall in no case be responsible or liable for those costs, regardless of the conduct or outcome of the bidding process.
Language of Bid	The Bid, as well as all correspondence and documents relating to the bid exchanged by the Bidder and the Employer, shall be written in the language specified in the BDS.
Documents Comprising the Bid	The Bid shall comprise two envelopes i.e. Technical Proposal and Price Bid (exclusive of GST) to be uploaded online in CPP Portal
	<p>The Technical Bid shall comprise the following:</p> <ul style="list-style-type: none"> • Letter of Technical Bid; • EMD • PoA • documentary evidence, establishing the Bidder's qualifications to perform the contract; • Technical Proposal • Any other document required in the BDS.
	<p>The Price Bid shall comprise the following:</p> <ul style="list-style-type: none"> • Letter of Price Bid; • completed Price Schedules • Any other document required in the BDS.
Letters of Bid and Schedules	The Letters of Technical Bid and Price Bid, and the Schedules, shall be prepared using the relevant forms furnished in Section 4 (Bidding Forms). The forms must be completed without any alterations to the text, and no substitutes shall be accepted.
Bid Prices	The quoted price shall be exclusive of GST .
Currencies of Bid and Payment	The unit rates and the prices shall be quoted by the Bidder entirely in INR

Documents Comprising the Technical Proposal	The Bidder shall furnish a Technical Proposal including a statement of work methods, equipment, personnel, schedule, and any other information as stipulated in Section 4 (Bidding Forms), in sufficient detail to demonstrate the adequacy of the Bidders' proposal to meet the work requirements and the completion time.
Documents Establishing the Qualifications of the Bidder	To establish its qualifications to perform the Contract in accordance with Section 3 (Evaluation and Qualification Criteria) the Bidder shall provide the information requested in the corresponding information sheets included in Section 4 (Bidding Forms).
Period of Validity of Bids	Bids shall remain valid for the period specified in the BDS after the bid submission deadline date prescribed by the Employer. A bid valid for a shorter period shall be rejected by the Employer as nonresponsive.
	In exceptional circumstances, prior to the expiration of the bid validity period, the Employer may request Bidders to extend the period of validity of their Bids. The request and the responses shall be made in writing; it shall also be extended 28 days beyond the deadline of the extended validity period. A Bidder may refuse the request without forfeiting its bid security. A Bidder granting the request shall not be required or permitted to modify its Bid.
Bid Security/EMD	Unless otherwise specified in the BDS, the Bidder shall furnish as part of its Bid, in original form ₹10,05,000. (₹ Ten lakh Five thousand Only) as bid security as specified in the BDS.
	the bid security shall be, at the Bidder's option, in any of the following forms: <ul style="list-style-type: none"> • an unconditional bank guarantee of any Nationalized Bank/ Scheduled Bank • Demand Draft of any Nationalized Bank/ Scheduled Bank In the case of a bank guarantee, the bid security shall be submitted either using the Bid Security Form included in Section 4 (Bidder Forms) or another form acceptable to the Employer. The form must include the complete name of the Bidder. The bid security shall be valid for 28 days beyond the original validity period of the bid, or beyond any period of extension if requested
	Unless otherwise specified in the BDS, any Bid not accompanied by a substantially compliant bid security or Bid-Securing Declaration, if one is required in accordance with ITB 17, shall be rejected by the Employer as nonresponsive.
	The bid security may be forfeited <ul style="list-style-type: none"> • if a Bidder withdraws its bid during the period of bid validity specified by the Bidder on the Letters of Technical Bid and Price Bid, except as provided in ITB • if the successful Bidder fails to sign the Contract in accordance with ITB; furnish a performance security in accordance with ITB; accept the

	arithmetical correction of its Bid in accordance with ITB
Submission and Opening of Bids	
Signing and Uploading of Bids	<ul style="list-style-type: none"> • The individual signing/ digitally signing the bid or any other connected documents should submit an authenticated copy of the document(s), which authorizes the signatory to commit and submit bids on behalf of the bidder. • No manual Bids shall be made available or accepted for submission (except for originals of scanned copies as per sub-clause 5 below). In the case of downloaded documents, Bidder must not make any changes to the contents of the documents while uploading, except for filling the required information– otherwise, the bid shall be rejected as nonresponsive. • Bids shall be received only Online, on or before the deadline for the bid submission as notified in BDS. • Only one copy of the bid can be uploaded, and Bidder shall digitally sign all statements, documents, certificates uploaded by him, owning sole and complete responsibility for their correctness/ authenticity as per the provisions of the IT Act 2000 as amended from time to time. • Bidder need not sign or up-load the Schedules in ITB-clause 1.4 above while uploading his bid unless otherwise instructed in the Tender Document. It is assumed that Bidder commits itself to comply with all the Sections and documents uploaded by the Tender Inviting Officer. • Bidder must upload scanned copies of originals (or self-attested copies of originals – as specified). Uploaded Pdf documents should not be password protected. Bidder should ensure the clarity/ legibility of the scanned documents uploaded by him. • If stipulated in the BDS, copies/ originals of such specified uploaded scanned documents must also be physically submitted sealed in double cover and acknowledgement be obtained before the deadline for the bid submission at the venue mentioned. Failure to do so is likely to result in the bid being rejected as nonresponsive. If the office is closed on the deadline for physical submission of originals, it shall stand extended to the next working day at the same time and venue. The Procuring Entity reserves its right to call for verification originals of all such self-certified documents from the Bidders at any stage of evaluation, especially from the successful Bidder(s) before the issue of Letter of Award (LoA).

	<ul style="list-style-type: none"> Regarding the protected Price Schedule (excel format, Cover-2), Bidder shall write his name in the space provided in the specified location only. Bidder shall type rates in the figure only in the rate column of respective service(s) without any blank cell or Zero values in the rate column, without any alteration/ deletion/ modification of other portions of the excel sheet. If space is inadequate, Bidder may upload additional documents under "Additional Documents" in the "bid Cover Content." The date and time of the deadline for the bid submission shall remain unaltered even if the specified date is declared a holiday for the Tender Inviting Officer. The date and time of the e-Procurement server clock, which is also displayed on the dashboard of the bidders, shall be taken as the reference time for deciding the closing time of bid submission. Bidders are advised to ensure they submit their bid within the deadline and time of bid submission, taking the server clock as a reference, failing which the portal shall not accept the Bids. No request on the account that the server clock was not showing the correct time and that a particular bidder could not submit their bid because of this shall be entertained. Failure or defects on the internet or heavy traffic at the server shall not be accepted as a reason for a complaint. The Procuring Entity shall not be responsible for any failure, malfunction or breakdown of the electronic system used during the e-Tender Process. All Bids uploaded by Bidder to the portal shall get automatically encrypted. The encrypted bid can only be decrypted/ opened by the authorised persons on or after the due date and time. The bidder should ensure the correctness of the bid before uploading and take a printout of the system generated submission summary to confirm successful bid upload. The Procuring Entity may extend the deadline for the bid submission by issuing an amendment as per ITB above, in which case all rights and obligations of the Procuring Entity and the bidders previously subject to the original deadline shall then be subject to the new deadline for the bid submission. Bid submitted through modalities other than those stipulated in BDS shall be liable to be rejected as nonresponsive.
Deadline for Submission of Bids	Bids must be received by the Employer at the address and no later than the date and time indicated in the BDS.
	The Employer may, at its discretion, extend the deadline for the submission of Bids by amending the Bidding Document in accordance with ITB, in which case all rights and obligations of

	the Employer and Bidders previously subject to the deadline shall thereafter be subject to the deadline as extended.
Late Bids	The Employer shall not consider any Bid that arrives after the deadline for submission of bids, in accordance with ITB. Any bid received by the Employer after the deadline for submission of Bids shall be declared late, rejected, and returned unopened to the Bidder.
Bid Opening	<p>The date & time of the opening bid is as stipulated in BDS. Bids cannot be opened before the specified date & time, even by the Tender Inviting Officer, the Procurement Officer, or the Publisher. If the specified date of Bid opening falls on is subsequently declared a holiday or closed day for the Procuring Entity, the Bids shall be opened at the appointed time on the next working day.</p> <p>At the end of the evaluation of the Technical Bids, the Employer will upload the technical summary on CPP Portal before opening of Price Bid along with date & time of the opening of Price Bids</p>
Evaluation and Comparison of Bids	
Confidentiality	<p>Information relating to the examination, evaluation, comparison, and post qualification of Bids and recommendation of contract award, shall not be disclosed to Bidders or any other persons not officially concerned with such process until information on the Contract award is communicated to all Bidders.</p> <p>Any attempt by a Bidder to influence the Employer in the evaluation of the Bids or Contract award decisions may result in the rejection of its Bid.</p> <p>Notwithstanding from the time of bid opening to the time of Contract award, if any Bidder wishes to contact the Employer on any matter related to the bidding process, it may do so in writing.</p>
Clarification of Bids	<p>To assist in the examination, evaluation, and comparison of the Technical and Price Bids, the Employer may, at its discretion, ask any Bidder for a clarification of its Bid. Any clarification submitted by a Bidder that is not in response to a request by the Employer shall not be considered. The Employer's request for clarification and the response shall be in writing. No change in the substance of the Technical Bid or prices in the Price Bid shall be sought, offered, or permitted, except to confirm the correction of arithmetic errors discovered by the Employer in the evaluation of the Price Bids, in accordance with ITB</p> <p>If a Bidder does not provide clarifications of its Bid by the date and time set in the Employer's request for clarification, its Bid may be rejected.</p>
Deviations, Reservations, and Omissions	<p>During the evaluation of Bids, the following definitions apply:</p> <ol style="list-style-type: none"> 1. "Deviation" is a departure from the requirements specified in the Bidding Document;

	<p>2. "Reservation" is the setting of limiting conditions or withholding from complete acceptance of the requirements specified in the Bidding Document; and</p> <p>3. "Omission" is the failure to submit part or all of the information or documentation required in the Bidding Document.</p>
Examination of Technical Bids	The Employer shall examine the Technical Bid to confirm that all documents and technical documentation requested in ITB have been provided, and to determine the completeness of each document submitted.
	<p>The Employer shall confirm that the following documents and information have been provided in the Technical Bid. If any of these documents or information is missing, the offer shall be rejected.</p> <ul style="list-style-type: none"> • Letter of Technical Bid; • PoA • Bid Security /EMD • Technical Proposal in accordance with ITB
Responsiveness of Technical Bid	<p>The Employer's determination of a Bid's responsiveness is to be based on the contents of the bid itself, as defined in ITB</p> <p>A substantially responsive Technical Bid is one that meets the requirements of the Bidding Document without material deviation, reservation, or omission. A material deviation, reservation, or omission is one that, if accepted, would:</p> <ul style="list-style-type: none"> • affect in any substantial way the scope, quality, or performance of the Works specified in the Contract; or • limit in any substantial way, inconsistent with the Bidding Document, the Employer's rights or the Bidder's obligations under the proposed Contract; or <p>if rectified, would unfairly affect the competitive position of other Bidders presenting substantially responsive Bids.</p> <p>The Employer shall examine the technical aspects of the Bid submitted in accordance with ITB, Technical Proposal, in particular, to confirm that all requirements of Section 6 (Employer's Requirements) have been met without any material deviation, reservation, or reservation.</p> <p>If a Bid is not substantially responsive to the requirements of the Bidding Document, it shall be rejected by the Employer and may not subsequently be made responsive by correction of the material deviation, reservation, or omission.</p>
Nonmaterial Nonconformities	<p>Provided that a Bid is substantially responsive, the Employer may waive any nonconformities in the Bid that do not constitute a material deviation, reservation, or omission.</p> <p>Provided that a Technical Bid is substantially responsive, the Employer may request that the Bidder submit the necessary information or documentation, within a reasonable period of time, to rectify nonmaterial nonconformities in the Technical Bid related to documentation requirements. Requesting information or documentation on such nonconformities shall not be related</p>

	to any aspect of the Price Bid. Failure of the Bidder to comply with the request may result in the rejection of its Bid.
	Provided that a Technical Bid is substantially responsive, the Employer shall rectify quantifiable nonmaterial nonconformities related to the Bid Price. To this effect, the Bid Price shall be adjusted, for comparison purposes only, to reflect the price of a missing or non-conforming item or component. The adjustment shall be made using the method indicated in Section 3 (Evaluation and Qualification Criteria).
Qualification of the Bidder	The Employer shall determine to its satisfaction during the evaluation of Technical Bids whether Bidders meet the qualifying criteria specified in Section 3 (Evaluation and Qualification Criteria).
	The determination shall be based upon an examination of the documentary evidence of the Bidder's qualifications submitted by the Bidder, pursuant to ITB
	An affirmative determination shall be a prerequisite for the opening and evaluation of a Bidder's Price Bid. A negative determination shall result into the disqualification of the Bid, in which event the Employer shall return the unopened Price Bid to the Bidder.
Correction of Arithmetical Errors	<p>During the evaluation of Price Bids, the Employer shall correct arithmetical errors on the following basis:</p> <p>If there is a discrepancy between the unit price and the total price that is obtained by multiplying the unit price and quantity, the unit price shall prevail and the total price shall be corrected, unless in the opinion of the Employer there is an obvious misplacement of the decimal point in the unit price, in which case the total price as quoted shall govern and the unit price shall be corrected.</p> <p>If there is an error in a total corresponding to the addition or subtraction of subtotals, the subtotals shall prevail and the total shall be corrected.</p> <p>If there is a discrepancy between the bid price in the Summary of Bill of Quantities and the bid amount in item (c) of the Letter of Price Bid, the bid price in the Summary of Bill of Quantities will prevail and the bid amount in item (c) of the Letter of Price Bid will be corrected.</p> <p>If there is a discrepancy between words and figures, the amount in words shall prevail, unless the amount expressed in words is related to an arithmetic error, in which case the amount in figures shall prevail subject to (a), (b) and (c) above.</p>
Evaluation of Price Bids	The Employer shall use the criteria and methodologies listed in this Section 3 other evaluation criteria or methodologies shall not be permitted.
Employer's Right to Accept Any Bid, and to	The Employer reserves the right to accept or reject any Bid, and to annul the bidding process and reject all Bids at any time prior to contract award, without thereby incurring any liability to Bidders. In case of annulment, all Bids submitted and

Reject Any or All Bids	specifically, bid securities, shall be promptly returned to the Bidders.
Award of Contract	
Notification of Award	<p>Prior to the expiration of the period of bid validity, the Employer shall notify the successful Bidder, in writing, that its Bid has been accepted.</p> <p>At the same time, the Employer shall also notify all other Bidders of the results of the bidding.</p> <p>Until a formal contract is prepared and executed, the notification of award shall constitute a binding Contract.</p>
Signing of Contract	<p>Promptly after notification, the Employer shall send the successful Bidder the Contract Agreement.</p> <p>Within 15 days of receipt of the Contract Agreement, the successful Bidder shall sign, date, and return it to the Employer.</p>
Performance Security	Within 15 days of the receipt of notification of award from the Employer, the successful Bidder shall furnish the performance security in accordance with the conditions of contract, subject to ITB, using for that purpose the Performance Security Form included in Section 8 (Contract Forms), or another form acceptable to the Employer.

SECTION 2 - EVALUATION AND QUALIFICATION CRITERIA

1.0 GENERAL

The intending bidders (Joint venture not allowed) should only submit his Technical Bid if they consider themselves meeting the eligibility and qualification criteria which are given below:

A. Eligibility & Qualification Criteria

S no.	Eligibility Criteria	Supporting Documents
1	Must be Indian Registered Company under Companies Act 1956/ Public or corporation, registered with the appropriate government authority as Proprietorship/ Limited company/ Private limited company/ LLP/ Partnership/ and shall be in the Construction business for at least last 5 years	Copy of the incorporation / registration certificate clearly indicating the nature of business.
2	Original Authorization Letter to sign the Tender/Agreement	PoA must be in the name of Director, President, CEO level
3	Proof of Payment for EMD.	—
4	Letter of Transmittal on bidder letter Head to submit Technical Bid	(Form-1)
5	Must possess a valid GST, PAN, ESIC, EPFO number	Copies GST, PAN, ESIC, EPFO
6	Name, Address, details of the Organization, Name(s) of the Owner/Partners/Promoters and Directors of the firm/company.	(Form-2)
8	Bidder should not be blacklisted/ debarred by any government/ semi government department/ PSU as on last date of submission of tender. Bidder should submit the declaration of not being ineligible for corrupt or fraudulent practices as on last date of submission of tender on non-judicial stamp paper.	(Form-3A&3B)
9	Letter of understanding the project site on bidder letter Head	(Form-4).
10	Consent Letter to execute the Integrity Pact	Appendix-3A&3B
12	Average Annual Financial Turnover of the bidders during the last three years ending 31st March of the previous financial year should be at least 50% of the estimated cost. The turnover, profit, net worth	(Form- 5)

S no.	Eligibility Criteria	Supporting Documents
	certificates must be certified by Statutory Auditor of the firm/company. The Contractor should not have incurred any loss in more than 2 years in last three financial years. This should be duly audited by Chartered Accountant. Any such certificate must carry UDIN (Unique Document Identification Number).	
13	The bidder should have a <u>Solvency</u> not less than the amount equal to 40 (forty) percent of the estimated cost;__The solvency certificate should be from a Nationalized / Scheduled bank. The certificate should carry the name, designation & power of attorney number of the bank official.	(Form- 6)
14	The contractor should have satisfactorily completed the works as mentioned below during the last Seven years ending previous day of last date of submission of tender. One similar completed work costing not less than the amount equal to 80 (eighty) percent of the estimated cost Or Two similar completed works costing not less than the amount equal to 50 (fifty) percent of the estimated cost; or Or Three similar completed works costing not less than the amount equal to 40(forty) percent of the estimated cost;	Form- 7
Similar* work refers to Interior works of Commercial/Non Residential Buildings included Civil & MEPF works		
Note: 1. Work Orders, Agreement, Completion Certificates to be submitted 2. TDS (26 AS) downloaded from the web matching with the experience certificate should be attached. Experience certificate issued by the same management/sister concern/ joint ventures etc. are not acceptable.		
Key Personnel		
a	Project Manager (Civil)	Graduate with Civil Engineering

S no.	Eligibility Criteria	Supporting Documents
		minimum 10 years of similar work experience
b	MEP Engineer	Graduate with Mechanical or Electrical Engineering minimum 7 years of similar work experience
c	Supervisor/Junior Engineer-One Civil and One electrical	Graduate with relevant discipline minimum 2 years of similar work experience

B. SCORING CRITERIA

The bidder meeting the eligibility criteria will be evaluated by scoring method on the basis of details furnished by them

- (a) Financial strength -Maximum **30 Marks** (Last 3 years)
- (b) Experience in similar nature of work - Maximum **60 Marks** (Past 7 years)
- (c) Key personnel -Maximum **10 Marks**

Gross Marks **Total 100 Marks**

Sr No	Attributes	Marks	Evaluation
FINANCIAL STRENGTH			
	Annual turnover for Last 3 (Three) years	30 Marks	i) 75% Marks for minimum eligibility ii) 100% Marks for twice the eligibility criteria or more iii) In between (i) and (ii) - On prorata basis
EXPERIENCE IN SIMILAR NATURE OF WORK			
	Similar work experience during last 7 years	60 Marks	i) 75% Marks for minimum eligibility ii) 100% Marks for twice the eligibility criteria or more In between (i) and (ii) - On prorata basis
*Principal employer or his representative will visit the site to analysis the quality of work done of similar completed work, all arrangements to be made by Bidders.			
KEY PERSONNEL			
1	Project Manager (PM)	10 Marks	4 Marks
2	MEP Engineer		3 Marks
3	Supervisor/Junior Engineer- One Civil and One electrical		3 Marks
To be certified on the company letter head by the HR Head or Head of the company that the same are available on the payroll of the company. CV, educational certificate, last three months PF deductions and appointment letter to be submitted			

3.0 EVALUATION AND RANKING OF BIDS

Minimum qualifying Technical Score

Only those Bidders who obtain at least 70 marks out of 100 in the technical evaluation process shall be eligible for financial bid opening.

FOR WHATEVER REASON IF THE PRICE SCHEDULE IS SUBMITTED AS PART OF THE TECHNO COMMERCIAL BID, THE BIDDER SHALL BE DISQUALIFIED AND THE SUBMITTED BID SHALL NOT BE EVALUATED FURTHER.

SECTION 4 - BIDDING FORMS

FORM 1
LETTER OF TECHNICAL PROPOSAL

To,
The Development Commissioner SEEPZ,
SEZ Authority Andheri (East),
Mumbai-400 096

Subject: Submission of bids for the work of "Interior Works of Customs Import Export Facilitation Centre at Ground Floor of Standard Design Factory (SDF)-08 at Seepz-Sez, Andheri (E), Mumbai, Maharashtra"

We, the undersigned, declare that:

- (a) We have examined and have no reservations to the Bidding Documents, including Addendum issued in accordance with Instructions to Bidders (ITB)
- (b) Our Bid consisting of the Technical Bid and the Price Bid shall be valid for a period of 90 days from the date fixed for the bid submission deadline in accordance with the Bidding Documents, and it shall remain binding upon us and may be accepted at any time before the expiration of that period.
- (c) We, including any Subcontractors or Suppliers for any part of the contract, do not have any conflict of interest in accordance with ITB
- (d) If our Bid is accepted, we commit to mobilizing key equipment and personnel in accordance with the requirements set forth in Section 6 (Employer's Requirements) and our technical proposal, or as otherwise agreed with the Employer.

Name

In the capacity of

Signed

.....

Duly authorized to sign the Bid for and on behalf of

Date

.....

.....

FORM 2 (A)
BIDDER'S INFORMATION SHEET

Bidder's Information	
Bidder's legal name	
Bidder's year of constitution	
Bidder's legal address	
Bidder's authorized representative (name, address, telephone number(s), fax number(s), e-mail address)	
Attached are copies of the following documents. <ul style="list-style-type: none">• In case of a single entity, articles of incorporation or constitution of the legal entity named above, in accordance with eligibility criteria• Authorization to represent the firm named above, in accordance with ITB	

FORM NO 3(A)

FORMAT FOR NO-CONVICTION CERTIFICATE

[On Non Judicial Stamp Paper]

Subject: No-Conviction Certificate for “Interior Works of Customs Import Export Facilitation Centre at Ground Floor of Standard Design Factory (SDF)-08 at Seepz-Sez, Andheri (E), Mumbai, Maharashtra”

This is to certify that _____ (Name of the organization), having registered office at _____ (Address of the registered office) has not blacklisted or restricted to apply for any such activities by any Central / State Government Department or Court of law anywhere in the country as on last date of submission of tender.

Yours faithfully,

Date:

(Signature, name and designation of the Authorized signatory)

Place:

Name and seal of Bidder

FORM NO 3(B)
PENDING LITIGATION AND ARBITRATION

Each Bidder must fill out this form if so required under Section 3 (Evaluation and Qualification Criteria) to describe any pending litigation or arbitration formally commenced against bidder.

Pending Litigation and Arbitration			
Choose one of the following: No pending litigation and Arbitration against bidder • Below is a description of all pending litigation and Arbitration against bidder			
Year	Matter in Dispute	Value of Pending Claim in Rs.	Value of Pending Claim as a Percentage of Net Worth

FORM NO 4(B)
FORMAT FOR UNDERSTANDING THE PROJECT SITE
(on Bidder Letter Head)

To

To,
The Development Commissioner SEEPZ,
SEZ Authority Andheri (East),
Mumbai-400 096

Subject: Undertaking of the Site Visit for “Interior Works of Customs Import Export Facilitation Centre at Ground Floor of Standard Design Factory (SDF)-08 at Seepz-Sez, Andheri (E), Mumbai, Maharashtra”

Sir,

I/we hereby certify that I/we have examined & inspected the site & its surrounding satisfactorily, where the project is to be executed as per the scope of works. I/ We are well aware about the Location of the Building and existing utilities to connect to the system, conditions prevailing at site, availability of materials, availability of land and transport facilities, weather condition at site, the extent of leads and lifts involved in execution of work etc.

I / We hereby submit our BID considering above all facts gathered during site visit and each & every aspect have been considered in the Quoted cost of the project as per BOQ

Yours faithfully,

Date:
signatory)

(Signature, name and designation of the Authorized

Place:

Name and seal of Bidder

FORM 5**HISTORICAL FINANCIAL PERFORMANCE**

Each Bidder must fill out this form.

Financial Data for Previous 3 Years		
Year 1:	Year 2:	Year 3:

Information from Balance Sheet

Total Assets (TA)			
Total Liabilities (TL)			
Net Worth = TA – TL			
Current Assets (CA)			
Current Liabilities (CL)			
Working Capital = CA - CL			

Information from Income Statement

Total Revenues			
Profits Before Taxes			
Profits After Taxes			

- ☐ Attached are copies of financial statements (balance sheets including all related notes and income statements) for the last 5 years, as indicated above, complying with the following conditions:
- Unless otherwise required by Section 3 of the Bidding Document, all such documents reflect the financial situation of the legal entity or entities comprising the Bidder and not the Bidder's parent companies, subsidiaries, or affiliates.
 - Historical financial statements must be audited by a certified accountant.
 - Historical financial statements must be complete, including all notes to the financial statements.
 - Historical financial statements must correspond to accounting periods already completed and audited (no statements for partial periods shall be requested or accepted).

FORM 06
SOLVENCY CERTIFICATE

REF NO:...

DATE:.....

To,
The Development Commissioner SEEPZ,
SEZ Authority Andheri (East),
Mumbai-400 096

Subject: Submission of bids for the work of "Interior Works of Customs Import Export Facilitation Centre at Ground Floor of Standard Design Factory (SDF)-08 at Seepz-Sez, Andheri (E), Mumbai, Maharashtra"

This is to certify that to the best of our knowledge and information, M/s _____ (Bidders name with complete address), a customer of our Bank, is respectable, and is capable of executing orders to the extent of Rs _____ (Rupees _____). M/s _____ have been our customer since _____ to date and has been granted the following limits, at present, against various facilities granted by the Bank:

.....

This certificate is issued without any guarantee, risk or responsibility on behalf of the Bank or any of its officials.

This certificate is issued at the specific request of the customer.

Yours faithfully,
(Bank Official's signature & stamp)

FORM – 07

CONTRACTS OF SIMILAR SIZE AND NATURE

Fill out one (1) form per contract.

Contract of Similar Size and Nature	
Contract No of	Contract Identification
Award Date	Completion Date
Total Contract Amount	
Employer's name Address Telephone number E-mail	
Description of the Similarity in Accordance with (Evaluation and Qualification Criteria)	

FORM 10
PROPOSED PERSONNEL

Bidder should provide the details of the proposed personnel and their experience record in the relevant Information Forms below for each candidate:

1.	Title of position*
	Name
2.	Title of position*
	Name
3.	Title of position*
	Name
4.	Title of position*
	Name

FORM 11
RESUMÉ OF PROPOSED PERSONNEL

The Bidder shall provide all the information requested below. Use one form for each position.

Position		
Personnel information	Name	Date of birth
	Professional qualifications	
Present employment	Name of employer	
	Address of employer	
	Telephone	Contact (manager / personnel officer)
	Fax	E-mail
	Job title	Years with present employer

Summarize professional experience in reverse chronological order. Indicate particular technical and managerial experience relevant to the project.

[illegible]

FORM-12
Bid Security
Bank Guarantee

.....*Bank's name, and address of issuing branch or office*¹

Beneficiary:*Name and address of the employer*

Date:

Bid Security No.:

We have been informed that *name of the bidder*. (hereinafter called "the Bidder") has submitted to you its bid dated (hereinafter called "the Bid") for the execution of *name of contract* under Invitation for Bids No. ("the IFB").

Furthermore, we understand that, according to your conditions, bids must be supported by a bid guarantee.

At the request of the Bidder, we *name of bank*. hereby irrevocably undertake to pay you any sum or sums not exceeding in total an amount of *amount in words* (*amount in figures*) upon receipt by us of your first demand in writing accompanied by a written statement stating that the Bidder is in breach of its obligation(s) under the bid conditions, because the Bidder

- (a) has withdrawn its Bid during the period of bid validity specified by the Bidder in the Letters of Technical and Price Bid; or
- (b) does not accept the correction of errors in accordance with the Instructions to Bidders (hereinafter "the ITB"); or
- (c) having been notified of the acceptance of its Bid by the Employer during the period of bid validity, (i) fails or refuses to execute the Contract Agreement, or (ii) fails or refuses to furnish the performance security, in accordance with the ITB, or (iii) fails or refuses to furnish a domestic preference security, if required.

This guarantee will expire (a) if the Bidder is the successful Bidder, upon our receipt of copies of the Contract Agreement signed by the Bidder and the Performance Security issued to you upon the instruction of the Bidder; or (b) if the Bidder is not the successful Bidder, upon the earlier of (i) our receipt of a copy of your notification to the Bidder of the name of the successful Bidder, or (ii) 28 days after the expiration of the Bidder's bid.

Consequently, any demand for payment under this guarantee must be received by us at the office on or before that date.

.....*Authorized signature(s) and bank's seal (where appropriate)* . . .
.....

All italicized text is for use in preparing this form and shall be deleted from the final document.

SECTION 5 - EMPLOYER'S REQUIREMENTS

5.1 BACKGROUND INFORMATION

Santacruz Electronic Export Processing Zone (SEEPZ) is a pioneer SEZ set up on 1st May, 1973 as an uni-product EPZ exclusively for manufacture and export of electronic items in an area of 100 acres which was later increased to 110 acres of land leased through the Maharashtra Industrial Development Corporation (MIDC) at Andheri (E) which over the years has become a land mark of Mumbai. Subsequently on Gem & Jewellery industry was permitted by the Govt. of India for manufacture and export of Jewellery items from SEEPZ during the year 1987-88 which has evolved into the single largest geospatial concentration of gems & jewellery globally with its intrinsic brand value. Presently there are 260 units inside SEEPZ-SEZ contributing a total value of export of nearly ₹.30,000/- crores during the present financial year.

The Zone provides necessary infrastructure for facilitation in establishment of units in the Zone such as (a) Developed plots and (b) ready built-up warm shells. SEEPZ SEZ Authority aims at up-gradation and modernization of the entire infrastructure and business process with a singular all comprising vision.

The vision and objective is to reposition SEEPZ-SEZ, Mumbai as the 'golden gateway to global markets' with infrastructure benchmarked with international best standards cutting edge technology and ease of doing business and to propel SEEPZ-SEZ as a premier SEZ globally, building on the pillars of Make in India and contributing from the front for Atmanirbhar Bharat.

With an aim to rejuvenate and re-development of SEEPZ, the Authority is proposing to have the project executed through a reputed Indian entity fulfilling the specified eligibility criteria.

The scope shall include but not limited to all works of Civil, interior, Structural, Architectural, Fire Fighting, Electrical, Fire alarm, plumbing & drainage, sanitary fixtures, etc.

5.2 OBJECTIVES AND SCOPE OF WORK

It may be noted that these details are neither exhaustive nor final.

The Project is expected to be completed over a period of 6 months from the date of award of the work including the time required for pre-construction activities including design & obtaining statutory approvals. ‘

Brief details of the various elements of the proposed Project are presented in the following section: The activities required for completion of the Project include interalia:

- Interior works as per tender drawings to satisfy the requirements of the SEEPZ SEZ & trade representatives matching with the site conditions.
- Preparation of Shop drawings MEP works and plumbing works, if required.

- Coordination with the local Power Supplier for power supply and electrical connection to existing/proposed DB's, Installation of electrical meter. Application to be submitted on behalf of Client.
- Coordination with the water Supplier authority for water connection or water meter. Application to be submitted on behalf of Client.
- Handing over of the facilities after fulfilling all the obligations of SEEPZ SEZ / trade representatives
- Getting approvals / permissions / permits of statutory / local / government agencies. Statutory payment shall be borne by SEEPZ SEZ Authority.
- Bidder shall confirm or otherwise that the interior works as described in Section 5 a) above can be completed **within 6 months** from date of award of work.
- The work to be completed as per the approved design and drawings as per statutory requirement and in consultation with trade representative in all respect is handed over to SEEPZ Authority. Including submission of as built drawings, occupation certificate from competent authority
- Coordination with Employer's/stakeholders' representative for Material/Make selection.
- Any other services related to the above scope of work not mentioned herein but specifically required for successful completion of the project/desired by the Employer / stakeholders must be covered under this scope by the Bidder.

5.3 PROJECT DELIVERY SCHEDULE

06 months from the date of award of work

5.4 MAKES / NAMES OF FIRMS FOR PRODUCTS TO BE INCORPORATED IN WORK

Items	Brand / Makes
Ready Mix Concrete	As per approved by Competent authority
AAC blocks	As per approved by Competent authority
UPVC doors, windows and ventilators	M/s Poly Windows, Pune / M/s Aparna Profiles Pvt Ltd (APARNA VENTSAR OKOTECH)/M/s Rajshri Plastiwood, Indore (Rajshri) / M/s Madhu Industries (Madhu Industries) / M/s Accura Polytech (ACCUCCEL)
Aluminium section of shutters/frames of door/window/ventilators	M/s Hindalco Ind Ltd (HINDALCO) / M/s Indian A 1 Company (INDAL) / M/s Jindal
Hydraulic Door Closer	M/s Everlite / M/s Universal / M/s Hardwin / M/s Dyna
Stainless Steel Plate Rack	As per approved by Competent authority
Aldrops /Door handle / Butt Hinges	Argent Industries (ARGENT/DOORGLOW), Crown, Jindal, ESSESS
Towel Rails	M/s Jaguar, M/s KICH, Jaquar, Somany, Kohler, Grohe, Hindware
Mortice Locks	M/s Harrison (HARRISON), M/s Godrej & Boyee Co Ltd, Dorset India, Spider Metal Products Ltd, ENOX, Jainson
Drapery rod	M/s Vista Levolor, M/s MAC-DÉCOR, DECO Window, Jayesh Metal Corpn (JMC)
Venetian Blinds	M/s Vista Levolor, M/s MAC-DÉCOR, Aerolux, MAC
Water Proofing Compound	M/s Pidilite Industries Ltd (PIDILITE), M/s FOSROC, M/s Dr Fixit
Perforated particle Board / tiles for insulation and acoustic	M/s Anchor Ceiling Tiles, M/s Armstrong Wood Ind, M/s GYP Board, M/s Bison Panel, M/s Lagyp
PVC False ceiling, Wall lining & Solid PVC Partitions	M/s Rajashri Plastiwood, Indore (Rajashri)
Dry Wall panels	M/s HIL Ltd (BIRLA AEROCON), M/s Godrej
Plywood	M/s Kitply (KITPLY)/ M/s Century Plywood / M/s Archid Ply (ARCHID)/ M/s Green Ply (GREEN PLY), M/s Anchor (ANCHOR)
Particle Board Gypsum	M/s Mangalam Timber Product, M/s Gypsum Board, M/s Jolly Board, Mumbai, M/s Indian Gypsum product, M/s Armstrong World Industries
Particle Board Cement Bonded Laminated Sheets	M/s NCL Industries Ltd (BISON PANEL)
Adhesives	M/s Pidilite, M/s Fevicol, M/s Vermicol
Pre-laminated Particle board	M/s Nava Pan, M/s Eco Board Industries, Pune, M/s Kitply, M/s Green Ply, M/s Anchor Lam, M/s Century Plywood

Items	Brand / Makes
Non asbestos Fibre Reinforced Cement	M/s RAMCO Indus Ltd (RAMCO)
Block boards and veneered particleboard	M/s Bajaj Boards, M/s Nu Wood, M/s A-1 Boards, M/s Bhutan Boards (Bhutan), M/s Charminar (Charminar)
Glazed Ceramic wall / Flooring tiles	M/s Johnson Tiles, M/s Kajaria, M/s Somany, M/s Asian Granite Industried Ltd (AGI TILES), M/s RAK Cements Ltd (RAK CERAMICS)
Non-skid Ceramic tiles	M/s Johnson Tiles, M/s Kajaria, M/s Somany, M/s OrientBell Ltd
Vitrified Tiles	M/s Johnson Marbonite, M/s Kajaria, M/s Somany, M/s Orient bell, M/s Asian Granite Industried Ltd (AGI TILES), M/s RAK Cements Ltd (RAK CERAMICS)
Distemper oil-emulsion (OBD)	M/s Nerolac, M/s Asian Paints, M/s Berger Paints, M/sICI India
Plastic Emulsion Paint and Exterior Emulsion Paint	M/s Asian Paints, M/s Berger Paints, M/s Nerolac, M/sICI India
Cement Putty	M/s Birla Cement, M/s JK Cement, M/s Asian Paints
Sheet glass (plain)	M/s Saint Gobain, M/s Asahi Works, M/s Atul GlassIndus, M/s Modi Guard
Sheet glass frosted	M/s Saint Gobain, M/s Asahi Works, M/s Atul GlassIndus, M/s Modi Guard
Heat absorbing glass & reflective solar control film	M/s Hindustan Pilkington GlassWorks, M/s Saint Gobain, M/s Modi Float, M/s Modi Guard
Rough cast wired glass	M/s Hindustan Pilkington GlassWorks, M/s Saint Gobain, M/s Modi Float, M/s Modiguard
Oil Putty	M/s Johnson & Nicolson, M/s Berger Paints, M/s AsianPaints
Wall Putty	M/s Birla Cement, M/s JK Cement, M/s Asian Paints
Mirror	M/s Modi Guard, M/s Atul, M/s Saint Gobain
Synthetic Enamel Paint	M/s Asian Paints, M/s Nerolac Paints, M/s Dulux
CI Pipe and fittings	M/s Electro-Steel Casting Ltd, M/s Kejriwal, M/s NECO, M/s Kesoram
GI Pipes & Fittings	M/s Tata, M/s Jindal, M/s Zenith, M/s Swastik, M/sPrakash
MS Pipes & Fittings	M/s Tata, M/s Jindal Ltd Gujarat, M/s BST, M/s Zenith
HDPE Pipes & Fittings	M/s Finolex, M/s Prince Pipes Fittings Ltd, M/s Supreme, M/s Jain Irrigation Systems
CPVC pipes and fittings (Chlorinated polyvinyl chloride)	M/s Finolex, M/s Dutron, M/s SFMC, M/s Prince Pipes Fittings Ltd (SMART FIT), M/s Birla Aerocon (HIL Ltd)

Items	Brand / Makes
PVC - Soil, waste, rainwater (SWR)& Drainage pipes	M/s Supreme, M/s Prince Pipes Fittings Ltd (ULTRA FIT), M/s Kisan, M/s Finolex
PPR Pipes & Fittings	M/s Prince Pipes Fittings Ltd (GREEN FIT), M/s Finolex, M/s Supreme, M/s Savoir Faire Mafg Co Pvt Ltd (SFMC)
PVC Pipes & Fittings	M/s Prince Pipes Fittings Ltd (AQUA FIT), M/s Finolex, M/s Supreme, M/s Birla Aerocon (HIL Ltd)
UPVC Pipes and Fittings	M/s Prince Pipes Fittings Ltd (AQUA FIT), M/s Finolex, M/s Supreme, M/s Birla Aerocon (HIL Ltd)
UPVC Pipes & Fittings for SWR	M/s Prince Pipes Fittings Ltd, M/s Finolex, M/s Supreme, M/s Birla Aerocon (HIL Ltd)
Polyethylene/Aluminum / Polyethylene Composite Pressure Pipe	M/s Prince, M/s Finolex, M/s Supreme
Plastic Pipe (for non-pressure Drainage & Sewerage)	M/s Prince, M/s Finolex, M/s Supreme
CI soil, waste, rainwater (SWR) & Drainage pipes	M/s NECO, Nagpur, M/s Singhal Iron Foundry, Mathura (SKF)
AC - Soil, waste, rainwater (SWR) & Drainage pipes	M/s Everest Asbestos, Hyderabad, M/s Vishaka India Ltd, M/s Hyderabad Asbestos (Charminar), M/s Ramco
RCC pipes, drain pipes	M/s Indian Hume Pipes, M/s Everest Asbestos, Hyderabad, M/s Himalaya, M/s Thuluvananikal pipes
Air Release Valves	M/s Leader, M/s BIR, M/s Kirloskar, M/s Upadhyay, M/s Sant, M/s L&T, M/s Kartar Valves
Foot Valves	M/s Upadhyay, M/s Leader, M/s Kirloskar, M/s Sant, M/s Kartar Valves
Reflex Valves	M/s Kirloskar, M/s Leader, M/s Sant, M/s L&T, M/s Kartar Valves
Sluice valves	M/s Leader, M/s Kirloskar, M/s L&T, M/s Zoloto, M/s BIR, M/s Upadhyay, M/s Kartar Valves
Butterfly Valves/ Disc valves	M/s Upadhyay, M/s L&T, M/s Kirloskar, M/s Zoloto, M/s Sant, M/s Kartar Valves
Gate valves	M/s Leader, M/s Sant, M/s Zoloto, M/s Kartar Valves
Water Meters	M/s Capstan, M/s Kirloskar, M/s Anand Asahi, M/s Dashmesh, M/s Kaycee, M/s Capital
PVC / Polyethylene water tanks	M/s Sintex, M/s Rotex, M/s Polycon, Jaipur
C P Bib Cock, Stop cock, pillar cock and accessories	M/s Jaquar, M/s Marc, M/s CERA Sunitoro, M/s Kohler
Copper/ Brass Alloy Bib Tap, Pillar Tap, Angle Valve & Stop Valves and accessories	M/s Soma, M/s Leader, M/s Zoloto, M/s Jaguar Vo Pvt Ltd

Items	Brand / Makes
PVC Stop Cock and Bib Cock /floatvalves and accessories	M/s Jaypee, M/s GMP, M/s Neta, M/s Zoloto, M/s Prayag Polymer, M/s Symet
Gun-Metal Globe/ Gate valves/Angle Valves	M/s Leader, M/s Bir, M/s Zoloto, M/s Kirloskar
Shower rose	M/s Jaquar, M/s Kohler, M/s Crabtree, M/s CERASanitaryware
CI / Brass Ball Cocks (float valves)	M/s Leader, M/s NETA, M/s Zoloto
Water Closet-Vitreous China(European /Indian)/ squatting pan Orissa pattern	M/s Cera, M/s Parryware, M/s Jaquar, M/s Hindware, M/s Johnson, M/s Kajaria Sanitaryware (KEROVIT), M/s RAKCeramics
Flushing Cistern - PVC Low Level including Flush Valves and Fittingsfor WC and Urinals	M/s Parryware, M/s CERA Sanitaryware, M/S JohnsonPeddar, M/s RAK Ceramics
Plastic Seat Covers for EWC	M/s Cera, M/s Neycer, M/s Parryware
Urinals - Vitreous China	M/s Cera, M/s Parryware, M/s Neyveli Ceramics (Neycer), M/s Hindware, M/s Jaguar, M/s Johnson, M/s Kajaria Sanitaryware (KEROVIT)
Wash Basin –Vitreous China	M/s Kajaria Sanitaryware (KEROVIT), M/s Cera, M/sRAK Ceramics, M/s Parryware, M/s Neyveli Ceramics (Neycer), M/s Hindware, M/s Jaguar
Sink Steel	M/s Jayna, M/s Nirali, M/s Neelkanth, M/s Parryware
Loft tank	Sintex
Insulators HT/LT Disc / Pin / Shackle / loop / String Type	BHEL, Jayshree, W/S Insulators, Southern Insulators,MEI, Modern Insulators
RMU & PSS	M/s Lucy Electric India Pvt Ltd, M/s L&T
Air Circuit Breaker (ACB) LT1100Volts	Larsen & Tubro, English Electric, GEC, Crompton Greaves, Siemens, ABB, Schneider Electricals
Vacuum Circuit Breaker (VCB) suitable for 36kV, 22kV and 12kV system including accessories	SIEMENS, Schneider, Crompton Greaves, Mumbai, ABBLtd, Bangalore, Alsthom, BHEL, L&T
Automatic Power Factor andCorrection (APFC) Panel	Larsen & Toubro, GEC, Siemens, ABB, Epcos
Power Factor Improvement Capacitor Banks	Larsen & Toubro, Siemens, EPCOS, GE, ABB
HT Switch Gear 66/33/11kV 3 Phase, Gas Circuit Breaker circuitbreaker SF-6 Type	Crompton Greaves, Mumbai, Siemens Ltd, Mumbai, Schneider, New Delhi, ABB Ltd, Bangalore

Items	Brand / Makes
HT 11kV, 3 Ph Automatic switch Fuse Unit	ABB Ltd, Bangalore, AREVA T&D India Ltd, Noida, Crompton Greaves, Mumbai, Schneider, New Delhi, M/sC&S Electric Ltd
Air Brake Switch Gang operated(33kV/11kV)	Pacfit, Mumbai, Jaipuria Brothers, HEI
Air-break Switch (Isolators)	MEI, Southern Switchgear, Andrew Yule, CromptonGreaves
Arresters Lightening LT / HT	Oblum, Crompton & Greaves, AREVA T&D, BHEL, GEC-ELPRO
Change Over Switch/ Starter/ Soft Starter/ Contactor DOL/ Star-Delta/ Synchronous/Single phase preventer	Siemens, Larsen & Toubro, ABB, Crompton Greaves,GE
Main Switch Iron Clad Switch FuseUnit Fuse Switch unit	Siemens, L&T, Crompton
Cable jointing kit for 11kV/22kV	Raychems, Densons, M-Seal, Birla-3M
UG HT XLPE, PVC Insulated aluminum conductor for 3.3/33/22/11kV system	Cable Corporation of India, Mumbai, Havells India Ltd., Universal Cables Ltd, Satna, Asian Cables, Gloster, RPG Cables Ltd, Thane, Finolex, RR Kabel, KEI Ind, Polycab Pvt Ltd
HT Armoured XLPE Cable 132 KVGrade	M.s Polycab Pvt Ltd
UG LT XLPE, PVC Insulatedaluminum conductor for 1100Volts	Cable Corporation of India, Mumbai, Asian Cable Co, Chattisgarh, Finolex Cable Ltd, Pune, Polycab, Gloster, Universal
Aluminum conductor steel reinforced(ACSR)	All-Ind, ICC, Bharat Conductors, NICCO, IndianAluminum Co
Fluorescent tube light fittings/LED/lamp holder	Wipro, Bajaj, Crompton, Phillips, Havells
Flame proof light fittings (LED)/ Fan/well glass/bulk head includingaccessories	M/s Sudhir, M/s Batiga, Flexipro Electricals, Nasik, M/sShyam Switchgears, Mumbai, Bajaj, Crompton
Florescent lamp LT (CFL)/ HPSVlamp	Phillips, Crompton, Wipro, Bajaj, GE- Lighting, Havells,Osram
Light fittings LED	Phillips, Crompton, Wipro, Bajaj, GE, Havells, Osram, FIEM Ind Ltd (FIEM), Pyrotech Electronics Pvt Ltd, Luker, Jaguar, Bentec (BENLO), Eveready, Orient, Polycab, Surya Roshni (Surya), Holonix, SYSKA
LED Tubelights/bulbs	Phillips, Crompton, Wipro, Bajaj, GE, Havells, Osram, Luker, Bentec (BENLO), Eveready, Orient, Polycab, Surya Roshni (Surya), Jaguar, Halonix, Pyrotech, FIEM Ind Ltd, SYSKA
PVC cable 450/750V	Plaza, Finolex, Havells, Polycab
DBs/MCB (Miniature Circuit Breakers & MCCB (Moulded	L&T, Havells, Schneider, Legrand, ABB, Siemens,Havells, Novatour (INDO ASIAN),

Items	Brand / Makes
Case Circuit Breakers)	C&S Electric
Microprocessor based MCCB /RCCB LT 415 Volts	L&T, Siemens, Schneider, ABB, Legrand, Novatour(INDO ASIAN)
Electrical Panel (LT)	Standard, L&T, Legrand
Electric Accessories, Piano Suitables, Ceiling rose, call bells, Buzzers, Lamp Holders/ socket outlet, etc., Plug & Socket Boards	Panasonic Life solutions (Panasonic Anchor), Havells, Crabtree, Legrand, Leader, C&S Electric
Ammeter / Voltmeter / Power Factor/frequency Meters	IMP, MECO, L&T, Automatic Electric, Havells
Digital Meters with built in selectorswitches for voltmeter, Ammeter, Frequency, Energy, kW, PowerAnalyser	L&T, Havells, Automatic Electric, Enercon, Secure Meter
Modular Switches /Sockets	Anchor Roma, Crabtree, Legrand, Havells, Indo Asian, Polycab, L&T, Panasonic Anchor
Electric Energy Meters, TamperProof	Larsen & Toubro, Secure Meters, Havells, JaspuriaMeters, Elmeasure, Bentec (BENLO)
SCADA System	Schneider, Elmeasure, Forbes Marshal
Ceiling Fan	Bajaj, Orient, Crompton, Polar, Khaitan, Havells, VGuard, Polycab, Panasonic
Exhaust fan/ Air circulators	Crompton, Almonard, Khaitan, Usha, Bajaj, Havells, Polycab
Fan Regulator	Anchor, Legrand, Havells, Bajaj, Usha, Khaitan, GEC
Electronic type fan regulator	Legrand, Orient, Crompton, Havells, Bajaj, V Guard, Polycab
Geyser	Bajaj, Venus, Racold, Usha, Venus, Jaguar, V Guard
Water Heater (Only five star rating)	Jaguar, M/s Havells, M/s AO Smith, Bajaj, Usha, Racold
PVC insulated copper/aluminium cable 1100V of all types	Plaza, Finolex, Anchor, Havells, Nicco, Polycab, RPG, Gloster, RR Kabel, KEI
PVC conduits (Rigid or flexible)/FRLS rigid PVC conduits/fittings	Anchor, Modi, Pressfit, Precision, Astral, Panasonic Anchor, Polycab
PVC Tape	GM, Panasonic Anchor
MS conduit	BEC Industries, Kalinga, Jindal, Bharat, AKG
Casing capping & accessories	Precision, Modi, Presto Plast, Supreme, Polycab, Plaza, Pressfit
Indication Lamps Neon / LED type	L&T, Siemens, ABB, Schneider, EPCOS, Jaipuria
LT Relay Numerical, Static/Protective/ Auxiliary	Siemens, Schneider, ABB, L&T, EPCOS,

Items	Brand / Makes
	Jaipuria
Automatic voltage stabilizer (servocontrolled)	Automatic Electric, Aplab, V Guard, Vintek Electronics (Valina), Vinitec Electronic Laboratory (Vinitec)
Gang operated devices (GOD)	Pactil (Metro), Jaipuria, Atlas, ECE, AREVA
Air handling unit	Bluestar, Voltas, Toshiba, Mitsubishi, Carrier, Voltas, Daikin, Hitachi
Air curtains	Almonard, AirCon, Crompton Greaves
Centrifugal Chillers & Screw Chillers	Carrier, Voltas, Daikin, Hitachi
Window type Air conditioner	Carrier, Bluestar, Voltas, Daikin, Hitachi
Split type air conditioner	Carrier, Voltas, Daikin, Hitachi
5 pair / 10 pair / 50 pair telephonedistribution box	DELTA
4-way splitter box for TV cable termination	STAR
Bolard light / Spike light / Wall recessed light / Flexibile LED strip light / Wall washers / Post top light LED	KLITE / HAVELLS / PHILIPS / BAJAJ / WIPRO / JAQUAR
End line strainer for +ve suction / Double flange Ball type NRV / CI double flange butterfly valve	Zoloto / L&T / Kirloskar
Motor Actuated butterfly valve	RITETORK / L&T / Leader / Kirloskar
Float type point level sensor	RECKTRONIC Devices and Systems / Gems / Madison
Outdoor type Wimax CPE stations	Siemens / Ubiquiti / Maksat Technologies Ltd / Sequans
PN 1.6 rated CI 'Y' type strainer forsuction	Zoloto / Kirloskar / L&T
Bronze compact pressure reducingvalve	Zoloto / Kirloskar / L&T
Firefighting equipment like hose reel, nozzles, couplings, valves, etc.	Safex, Cease fire, M/s Flame Guard Indus, M/s Nitin
Fire Alarm Panel	Notifier, New Age, Siemens
Higher Capacity Fire Extinguisher (Trolley Trailer/ Stud/ Vehicle mounted/ Portable Fire Extinguisher)	Vimal Fire Control Pvt Ltd
Fire hose delivery couplings, branchpipes, nozzle & nozzle spanners with all accessories	Vimal Fire Control Pvt Ltd
Fundamental requirement for stand post type water monitor for	Vimal Fire Control Pvt Ltd

Items	Brand / Makes
fire fighting (Water/ Foam/ DCP)	
Remote response indicators	Honeywell/Agni/Ceasefire
Gas leak detector	Honeywell / True safe / LPG / ProElite
PA rack for Amplifiers	Walrack / Ritta / Ahuja
Cement	M/s ULTRATECH CEMENT. M/s SHREE CEMENT. M/s AMBUJA CEMENTS. M/s ACC. M/s JK CEMENT. M/s JSW CEMENT LTD. M/s BIRLA CORPORATION.
Wall hung WC /Floor Mounted	Kohler, Jaquar, Simpolo, Hindware, RAK
Cistern Shell Wall Hung	Kohler, Jaquar, Simpolo, Hindware, RAK
Cistern Lid Dual Flush	Kohler, Jaquar, Simpolo, Hindware, RAK
Seat Cover	Kohler, Jaquar, Simpolo, Hindware, RAK
Wall Hung Dual Flush valve Fitting Internal	Kohler, Jaquar, Simpolo, Hindware, RAK
Wash Basin	Kohler, Jaquar, Simpolo, Hindware, RAK
Urinal with Sensor	Kohler, Jaquar, Simpolo, Hindware, RAK
Angular Stop Cock	Kohler, Jaquar, Simpolo, Hindware, RAK
2 Way Bib Cock	Kohler, Jaquar, Simpolo, Hindware, RAK
Pillar Cock	Kohler, Jaquar, Simpolo, Hindware, RAK
Bottle Trap Economy Model 32mm	Kohler, Jaquar, Simpolo, Hindware, RAK
Waste Coupling Half Threaded	Kohler, Jaquar, Simpolo, Hindware, RAK
Toilet Roll Holder with Cover	Kohler, Jaquar, Simpolo, Hindware, RAK
PVC Intel Connection 18"	Kohler, Jaquar, Simpolo, Hindware, RAK
CP Extension Nipple 1/2" x 1"	Kohler, Jaquar, Simpolo, Hindware, RAK
Health Faucet with 1 Meter Flexible Tube	Kohler, Jaquar, Simpolo, Hindware, RAK
Mirror	Modiguard ,Saint Gobain, Roca.
Sanitary Wares:	Jaquar, Parryware, Hindware, kohler, Dyson
W.C. Connectors:	Multikwik (U.K), Supreme, Ashirwad, Kohinnor
Plastic W.C. Seats:	Commander, Diplomat, Parryware
Stainless Steel Sinks:	AMC, Nirali, Nirali, Kingston, Prestige, Neelkanth
C.P.Fittings:	Jaguar, Parry ware, Hind ware, Ess.Ess, Kolher
UPVC / CPVC Pipes	Supreme, Ashirwad, Astral, Flow line
G.I./M.S.Pipes:	Tata, Jindal, Lotus, Surya Prakash
G.I.Fittings:	R brand, KS brand, Zoloto M, Kiriti, Unik
CI Soil, Waste & Vent Pipes & Fittings:	Spun Pipe (I.S.I. Mark), Neco, Kapilansh, Electrosteel
Sand Casted (I.S.I. Mark)	Neco, Kapilansh
C.I. (LA) Class Pipes and Fittings:	Electro Steel, Kapilansh, Kesoram Spun Pipe & Foundries
R.C.C. Pipes:	KK, Jain Pipes, Pranali Industries, Premier Prestressed Products
Agr. Series Pipe Or Foam Core	Supreme, Astral, Ashirwad

Items	Brand / Makes
Pipe	
GM Gate, Globe, Check Valves: (I.S.I. Mark)	SKD, Lehry, Zoloto, Leader
Ball Valves: (I.S.I. Mark)	SKD, Lehry, Zoloto, Leader
Ci Butterfly Valves:	SKD, Lehry, Zoloto, Leader, Advance
Ci Check Valves(Swing Type):	SKS, Lehry, Zoloto
Ci Check Valves(Wafer Type):	SKS, Lehry, Zoloto
Air Release Valves:	SKS, Lehry, Zoloto
Water Meter:	Dashmes, Kamstrut
Anchor Fastner / 'U' Clamps:	Hitech Supports, Hilti, Fischer
Level Controllers	Aqua Intec Tech, Vinayaka, A Sqaure E System, Seven Hill Fluid Power
C.I. Manhole Frame & Cover:	Neco, Kapilansh, Bombay Iron Works, Raj Iron Foundary Agra
RCC Precast Manhole Frame & Cover:	KK, Raj Vaibhav, SFRC
Insulation For Hot Water Piping	Afico, Kimmco Fiberglass, Twiga Insulation, Armaflex, Vidoflex, Superlon
Insulation For Gi Buried Pipes	PIPE KOTE, Tapex
Hydropneumatic System	Grundfos, Aqua pumps, CRI, Pentair, Kirloskar
Pressure Vessel	Welmate, ELB
Pressure Switch	Danfoss, IndFos
Pressure Gauge	H Guru, Fiebig
Dry Run Protection	Grundfos, Minilec
Gasket / Washer	Neoprene, EPDM Rubber
Gi Flange (Aas Per Bs Table - 10)	R Brand, UNIK
Enamel Paint	Asian Paints, Apcolite
Air Release Valve	SKS, Lehry, Zoloto
Floor Drain Fixture	Neer GMGR
Drain Channel Grating	Neer GMGR
Y'strainer	Emerald, Zoloto, Sant
D.I.Manhole Cover	Neco, Kapilansh
Drip Seal	VINOD CEMENT CO(CHANDIGARH)PJS-43
Pressure Reducing Valve	Fouress, Honeywell, RB
Float Valve	HBD, VAN Engg
Anti Vibration Mounting	Dunlop, Kanwal Ind. Corp, Resistoflex
Electronic Flow Meter	Rockwin
Manhole/Water Tank Steps	KGM, Patel, Pranali Industries
Paint	Asiasn Paints, Berger, ICI
Welding rod	ESAB, ADOR
Fire sealant	Hilti, BIRLA M3
Anchor fastner	Hilti, Fisher
M.S.angel/'I'section	SAIL, VSP, JSPL
Pasting media for insulaiton	FEVICOL SR-505
Electrical motors	ABB, Siemens, Bharat Bijlee, NGEF, Crompton
GRP (SMC) Modular Panel Tanks	Flasto, Sintex

Items	Brand / Makes
Aircooled VRV	Daikin / Toshiba / Mitsubishi / Voltas / Blustar / L.G /Carrier
SPLIT Airconditioners	Hitachi / Daikin / Toshiba / Carrier / Voltas/ Bluestar/ L.G
Hi Wall ,Cassette & Package & Ductable Type Units	Hitachi / Daikin / Toshiba / Carrier / Voltas/ Bluestar/ L.G
Cabinet/Inline Fans	Airflow / Kruger / Nicotra / Carryaire
Propeller Type Fan	Crompton/ Havells
Ducting	
G.I. Sheet Metal Duct	Tata / Jindal / Rola Star / Zeco / Nutech / Royal/KNND/GP Spiro /Sail
Metal Duct (Factory Fabricated)	Rolstar / ZECO / GP Spiro / Asawa
Pre Insulated Ducting	Pal / Asawa
Duct Thermal Insulation (Class O Nitrile Rubber)	Armaflex/ Thermaflex / Aeroflex / Kflex/Aerofoam
Acoustic Lining	Thermaflex / kflex / Aeroflex / Armaflex / UP Twiga/ Owen Corning /Aerofoam
Underdeck Insulation	Kflex / Thermaflex / Aeroflex / Armaflex /Aerofoam
Flexible duct	Thermaflex / Owens corning / UP Twiga
Linear grilles	Cosmos / Ruskin Titus /Caryaire
Round Diffusers	Cosmos / Ruskin Titus /Caryaire
Square diffuser	Cosmos / Ruskin Titus /Caryaire
Slot Diffusers	Cosmos / Ruskin Titus /Caryaire
Disc Valves	Cosmos / Ruskin Titus /Caryaire
2 - Way Grilles	Cosmos / Ruskin Titus / Caryaire
Motorized fire damper with actuator	Cosmos with belimo controller / Ruskin Titus / Fire Damper & Belimo Actuators
Fusibile Link Fire Damper	Cosmos / Ruskin Titus /Caryaire
Volume control damper	Cosmos / Ruskin Titus /Caryaire
Collar damper	Cosmos / Ruskin Titus /Caryaire
Insulation for PVC & Ref pipe	Kflex/Aerofoam
Drain Piping (G.I.)	Tata / Jindal essar
PVC Drain	Prince / Finolex/ Superme
Sequence Controller	Proton/ Siemens
Power Cabling	Asian / Polycab / CCI / Finolex /
Cable Tray	Pilco/ MDM chennai/profab
Anchor Fastners	Hilti / Ficher
Thermostat	Honeywell / Johnson Control / Siemens
Copper Pipe	Rajco/Mandev/Mexflow/Indigo

Notes:

- (i) Items shall be considered whichever is applicable only.
- (ii) Items to be procured if not mentioned in the tender shall bearing ISI mark

and as approved by Engineer in charge appointed by the SEEPZ SEZ Authority

(iii) Sources of materials shall be as above or in the vicinity thereof. The tenderer shall ascertain the actual position/exact location of source before submitting his tender and no additional payment shall be made on ~~account~~ of misunderstanding of its distance from site of works. Contractor may bring material conforming to contract specifications from other sources without any price adjustment after obtaining written approval of the SEEPZ SEZ Authority.

(iv) The tender shall amongst other things also ascertain all information such as royalties, taxes duties and other charges etc. on the materials and no additional payment shall be made on account of the foregoing.

(v) Contractor to submit challans, MTC of materials procured at site.

**SECTION 7 - GENERAL CONDITIONS OF
CONTRACT(GCC)**

1 GENERAL

1.1 Tenets of Interpretation

Unless where the context requires otherwise, throughout the contract:

- 1) The heading of these conditions shall not affect the interpretation or construction thereof.
- 2) Writing or written includes matter either whole or in part, in digital communications, manuscript, typewritten, lithographed, cyclostyled, photographed, or printed under or over signature or seal or digitally acceptable authentication, as the case may be.
- 3) Words in the singular include the plural and vice-versa.
- 4) Words importing the masculine gender shall be taken to include other genders, and words importing persons shall include any company or association or body of individuals, whether incorporated or not.
- 5) Terms and expression not herein defined shall have the meanings assigned to them in the contract Act, 1872 (as amended) or the Sale of Goods Act, 1930 (as amended) or the General Clauses Act, 1897 (as amended) or of INCOTERMS, (current edition published by the International Chamber of Commerce, Paris) as the case may be.
- 6) Any reference to 'Services' shall be deemed to include the incidental Works/ Goods also.
- 7) Any generic reference to GCC shall also imply a reference to SCC as well.
- 8) In case of conflict, provisions of SCC shall prevail over those in GCC.
- 9) Any reference to 'Contract' shall be deemed to include all other documents (inter-alia GCC, SCC) as described in GCC-clause.
- 10) Any reference to any legal Act, Government Policies or orders shall be deemed to include all amendments to such instruments, from time to time, till date.
- 11) GCC-clause (Book Examination clause) shall not apply unless invoked explicitly in the contract.

1.2 Definitions

In the contract, unless the context otherwise requires:

- 1) "Agent" is a person employed to do any act for another or represent another in dealings with a third person. In the context of public procurement, an Agent is a representative participating in the Tender Process or Execution of a Contract for and on behalf of its principals.
- 2) "Allied Firm" are all business entities that are within the 'controlling ownership interest' (ownership of or entitlement to more than twenty-five percent of the company's shares or capital or profits) or 'control' (including the right to appoint a majority of the directors or to control the management or policy decisions including by virtue of their shareholding or management rights or shareholder agreements or voting agreements) of the principal firm acting alone or together

or through one or more juridical persons. All successor firms or assigns of the principal firm shall be considered as allied firms.

- 3) "Beneficiary" (of Services/ Works) means the person for whom the Services/ Works are to be delivered as stipulated in the contract.
- 4) "bid" (including the term 'tender', 'offer', 'quotation' or 'proposal' in specific contexts) means an offer to supply goods, services or execution of works made as per the terms and conditions set out in a document inviting such offers.
- 5) "Bidder" (including the term 'Bidder', 'Bidder' or 'service provider' in specific contexts) means any person or firm or company, including any member of a consortium or joint venture (that is an association of several persons, or firms or companies), every artificial juridical person not falling in any of the descriptions of bidders stated hereinbefore, including any agency branch or office controlled by such person, participating in a Tender Process.
- 6) "Bill of Quantities" (including the term Price Schedule or BOQ) means the priced and completed Bill of Quantities forming part of the bid.
- 7) "Commercial Bank" means a bank, defined as a scheduled bank under section 2(e) of the Reserve Bank of India Act, 1934.
- 8) "Contract" (including the terms 'Purchase Order' or 'Supply Order' or 'Withdrawal Order' or 'Work Order' or 'Consultancy Contract' or 'Contract for Services', 'rate contract' or 'framework contract' or 'Letter of Award – LoA' (letter or memorandum communicating to the contractor the acceptance of his bid) or 'Agreement' or a 'repeat order' accepted/ acted upon by the contractor in specific contexts), means a formal legal agreement in writing relating to the subject matter of procurement, entered into between the Procuring Entity and the contractor on mutually acceptable terms and conditions and which are in compliance with all the relevant provisions of the laws of the country;
- 9) "Contractor" (including the terms 'Supplier' or 'Service Provider' or 'Bidder' or 'Firm' or 'Vendor' or 'Manufacturer' or 'Successful Bidder' in specific contexts) means the person, firm, company, or a Joint Venture with whom the contract is entered into and shall be deemed to include the contractor's successors (approved by the Procuring Entity), agents, subcontractor, representatives, heirs, executors, and administrators as the case may be unless excluded by the terms of the contract;
- 10) "Contract Manager" means the Procurement Officer or any other officer or a third-party agency who has been assigned the authority to take all actions on behalf of the Procuring Entity during the execution of the contract by the contractor;
- 11) "Day", "Month", "Year" shall mean calendar day/ month or year (unless reference to financial year is clear from the context).
- 12) "Drawing" means the drawing or drawings stipulated in or annexed to the Specifications or the Tender Document/ Contract;
- 13) "Equipment" means the contractor's machinery and vehicles brought temporarily to the Site for the performance of Service.

- 14) "General Conditions" means the General Conditions of Contract, also referred to as GCC.
- 15) "Goods" (including the terms 'Stores', 'Material(s)' in specific contexts) includes all articles, material, commodity, livestock, medicines, furniture, fixtures, raw material, consumables, spare parts, instruments, machinery, equipment, industrial plant, vehicles, aircrafts, ships, railway rolling stock assemblies, sub-assemblies, accessories, a group of machines comprising an integrated production process or such other categories of goods or intangible, products like technology transfer, licenses, patents or other intellectual properties (but excludes books, publications, periodicals, etc., for a library), in specific contexts), procured or otherwise acquired by a Procuring Entity. Any reference to Goods shall be deemed to include specific small work or some services that are incidental or consequential to the supply of such goods;
- 16) "Government" means the Central Government or a State Government as the case may be and includes agencies and Public Sector Enterprises under it, in specific contexts;
- 17) "Inspection" means activities such as measuring, examining, testing, analysing, gauging one or more characteristics of the goods or services or works, and comparing the same with the specified requirement to determine conformity.
- 18) "Intellectual Property Rights" (IPR) means the rights of the intellectual property owner concerning a tangible or intangible possession/ exploitation of such property by others. It includes rights to Patents, Copyrights, Trademarks, Industrial Designs, Geographical indications (GI).
- 19) "Joint Venture" means a Joint Venture or a Consortium (that is an association of several persons, or firms or companies - also referred to as JV/C)
- 20) "Materials" means all supplies, including consumables, used by the contractor for service performance or use by his staff.
- 21) "Outsourcing of Services" means deployment of outside agencies on a sustained long-term basis (for one year or more, excluding short-term stand-alone Services) for the performance of routine Services (e.g., Security Services, Horticultural Services, Janitor/Cooking/Catering/Management Services for Hostels and Guest Houses, Cleaning/Housekeeping Services, Errand/Messenger Services and so forth) that were traditionally being done in-house in the Government.
- 22) "Parties": The parties to the contract are the "Contractor" and the "Procuring Entity", as defined in this clause;
- 23) "Performance Security" (includes the terms 'Security Deposit' or 'Performance Bond' or 'Performance Bank Guarantee' or other specified financial instruments in specific contexts) means a monetary guarantee to be furnished by the successful Bidder or Contractor in the form prescribed for the due performance of the contract;
- 24) "Procurement" or "public procurement" (or 'Purchase', or 'Government Procurement/ Purchase' including an award of Public-Private Partnership projects, in specific contexts) means the acquisition of Goods/ Services/ works

by way of purchase, lease, license or otherwise, either using public funds or any other source of funds (e.g. grant, loans, gifts, private investment etc.) of goods, works or services or any combination thereof, by a Procuring Entity, whether directly or through an agency with which a contract for procurement services is entered into, but does not include any acquisition without consideration. The term “procure”/ “procured” or “purchase”/ “purchased” shall be construed accordingly;

- 25) “Procuring Entity” means the entity in The Procuring Organization procuring Goods, Works, or Services;
- 26) “Procurement Officer” means the officer signing the Letter of Award (LoA) and/or the contract on behalf of the Procuring Entity;
- 27) “Service(s)” (including the term ‘Non-consultancy services’ or ‘Outsourcing of Services’ in specific contexts) are defined by exclusion as services that cannot be classified as Consultancy Services. Services (non-Consultancy) involve routine, repetitive physical, procedural, and non-intellectual outcomes for which quantum and performance standards can be tangibly identified and consistently applied and are bid and contracted on such basis but does not include the appointment of an individual made under any law, rules, regulations, or order issued in this behalf. Any reference to Services shall be deemed to include the supply of goods or performance of consultancy service or small works, which are incidental or consequential to such services;
- 28) “Special Conditions” means Special Conditions of Contract, which override the General Conditions, also referred to as SCC.
- 29) “Specification” or “Technical Specification” means the drawing/ document/ standard or any other details governing the construction, manufacture or supply of goods or performance of services that prescribes the requirement to which goods or services have to conform as per the contract.
- 30) “Signed” means ink signed or digitally signed with a valid Digital Signature as per IT Act 2000 (as amended from time to time). It also includes stamped, except in the case of Letter of Award or amendment thereof.;
- 31) “Sub-Contractor” means a person or corporate body with an agreement with the contractor to carry out a specific part of the contract that may or may not include working on the Site.
- 32) “Temporary Works” means works designed, constructed, installed, and removed by the contractor needed during the Services' performance.
- 33) “Variation” means an instruction given by the Contract Manager, which varies the scope, quantum or performance standards of the Service performed.
- 34) “Tender”; “Tender Document”; “Tender Enquiry” or “Tender Process”: ‘Tender Process’ is the whole process from the publishing of the Tender Document till the resultant award of the contract. ‘Tender Document’ means the document (including all its sections, appendices, forms, formats, etc.) published by the Procuring Entity to invite bids in a Tender Process. The Tender Document and Tender Process may be generically referred to as “Tender” or ‘Tender Enquiry’, which would be clear from context without ambiguity.

- 35) “Works” refer to any activity involving construction, fabrication, repair, overhaul, renovation, decoration, installation, erection, excavation, dredging, and so on, which make use of a combination of one or more of engineering design, architectural design, material and technology, labour, machinery, and equipment.

1.3 Document Conventions

All words and phrases defined in GCC-clause are written as ‘Capitalised word’ and shall have the defined meaning. The rest of the words shall be as per grammar, inter-alia ‘Services’ shall indicate definition as given in the GCC while ‘services’ shall have usual dictionary meaning.

1.4 Abbreviations:

Abbreviation	Definition
AITB	Appendix to Instructions To Bidders
BOQ	Bill of Quantities
BSD	Bid Securing Declaration
DPIIT	Department for Promotion of Industry and Internal Trade
EFT	Electronic Funds Transfer
EPFO	Employees Provident Fund Organization
ESI	Employees State Insurance
GCC	General Conditions of Contract
GeM	Government e-Marketplace
GST	Goods and Services Tax
GSTIN	GST Identification Number
GTE	Global Tender Enquiry (International Competitive Bidding)
HSN	Harmonized System of Nomenclature
IEM	Independent External Monitor
IPR	Intellectual Property Rights
INR	Indian Rupee
ITB	Instructions To Bidders
JV	Joint Venture
JV/C	Joint Venture/ Consortium

Abbreviation	Definition
LoA	Letter of Award (Acceptance)
MII	Make in India
MSE	Micro and Small Enterprises
MSME	Micro Small and Medium Enterprises
MSMED	MSME Development (Act)
NEFT	National Electronic Funds Transfer
NIT	Notice Inviting Tender
PAN	Permanent Account Number
PC	(Indian) Penal Code
PPD	Procurement Policy Division
PQB	Pre-Qualification Bidding
PVC	Price Variation Clause
RAP	Reverse Auction Process
RCM	Reverse Charge Mechanism
SC	Scheduled Caste
SCC	Special Conditions of Contract
ST	Scheduled Tribe
TCS	Tax Collected at Source
TDS	Tax Deducted at Source
TIA	Tender Inviting Authority
TIS	Tender Information Summary

2 OBLIGATIONS OF THE CONTRACTOR

2.1 Obligations of the Contractor

2.1.1 Subject to and on the terms and conditions of this Agreement, the Contractor shall undertake the survey, investigation, design, engineering, procurement, and construction of the Project and observe, fulfil, comply with and perform all its obligations set out in this Agreement or arising hereunder.

2.1.2 The Contractor shall comply with all Applicable Laws and Applicable Permits (including renewals as required) in the performance of its obligations under this Agreement.

2.1.3 Save and except as otherwise provided in this Agreement or Applicable Laws, as the case may be, the Contractor shall, in discharge of all its obligations under this Agreement, conform with and adhere to Good Industry Practice at all times.

2.1.4 The Contractor shall remedy any and all loss or damage to the Project, occurring on or after the Appointed Date and until the date of Provisional Certificate, with respect to the Works completed prior to the issuance of the Provisional Certificate and/or Completion Certificate, with respect to the Works referred to in the Punch List, at its own cost, save and except to the extent that any such loss or damage shall have arisen from any default of the Authority or on account of a Force Majeure Event in which case the provisions of GCC Clause shall apply.

2.1.5 The Contractor shall remedy any and all loss or damage to the Project during the Defects Liability Period at its own cost, to the extent that such loss or damage shall have arisen out of the reasons specified in Clause GCC.

2.1.6 The Contractor shall, at its own cost and expense, in addition to and not in derogation of its obligations elsewhere set out in this Agreement:

- make, or cause to be made, necessary applications to the relevant Government Instrumentalities with such particulars and details as may be required for obtaining Applicable Permits set forth in Schedule-E and obtain and keep in force and effect such Applicable Permits in conformity with Applicable Laws;
- procure, as required, the appropriate proprietary rights, licences, agreements and permissions for Materials, methods, processes, know-how and systems used or incorporated into the Project;
- make reasonable efforts to maintain harmony and good industrial relations among the personnel employed by it or its Sub-contractors in connection with the performance of its obligations under this Agreement;
- ensure and procure that its Sub-contractors comply with all Applicable Permits and Applicable Laws in the performance by them of any of the Contractor's obligations under this Agreement;
- always act in a manner consistent with the provisions of this Agreement and not cause or fail to do any act, deed or thing, whether intentionally or otherwise, which may in any manner be violative of any of the provisions of this Agreement;
- support, cooperate with and facilitate the Authority in the implementation and operation of the Project in accordance with the provisions of this Agreement;
- ensure that the Contractor and its Sub-contractors comply with the safety and welfare measures for labour in accordance with Applicable Laws and Good

Industry Practice;

- keep, on the Site, a copy of this Agreement, publications named in this Agreement, the Drawings, Documents relating to the Project, and Change of Scope Orders and other communications sent under this Agreement, and provide access to all these documents at all reasonable times to the Authority's Engineer and its authorised personnel;
- cooperate with other contractors employed by the Authority and personnel of any other public authority; and
- not interfere unnecessarily or improperly with the convenience of the public, or the access to and use and occupation of all the existing facilities within the Right of Way, irrespective of whether they are public or in the possession of the Authority or of others.

2.1.7 The Contractor shall undertake all necessary superintendence to plan, arrange, direct, manage, inspect and test the Works.

3.2 Obligations relating to sub-contracts and any other agreements

3.2.1 The Contractor shall not sub-contract Works. Procurement of material, hiring of equipment or engagement of labor will not mean sub-contracting. Sub-contracting by the contractor without the approval of the Procuring Entity shall be a breach of contract, unless explicitly permitted in the contract.

3.3 Obligations relating to employment of foreign nationals

The Contractor acknowledges, agrees and undertakes that employment of foreign personnel by the Contractor and/or its Sub-contractors and their sub contractors shall be subject to grant of requisite regulatory permits and approvals including employment/residential visas and work permits, if any required, and the obligation to apply for and obtain the same shall and will always be of the Contractor. Notwithstanding anything to the contrary contained in this Agreement, refusal of or inability to obtain any such permits and approvals by the Contractor or any of its Sub-contractors or their sub-contractors shall not constitute Force Majeure Event, and shall not in any manner excuse the Contractor from the performance and discharge of its obligations and liabilities under this Agreement.

3.4 Obligations relating to Contractor's personnel

3.4.1 The Contractor shall ensure and procure that the personnel engaged by it for performance of its obligations under this Agreement are at all times appropriately qualified, skilled and experienced in their respective functions in conformity with Applicable Laws and Good Industry Practice.

3.4.2 The Authority's Engineer may, for reasons to be specified in writing, direct the Contractor to remove any member of the Contractor's or Sub-contractor's personnel from the Project. Provided that any such direction issued by the

Authority's Engineer shall specify the reasons for the removal of such person.

3.4.3 The Contractor shall, on receiving a direction from the Authority's Engineer under the provisions of Clause ensure and procure the removal of such person or persons from the Project with immediate effect. The Contractor shall further ensure that such persons have no further connection with the Project.

3.5 Obligations relating to Contractor's care of the Works

The Contractor shall bear full risk in and take full responsibility for the care of Works, and of Materials, goods and equipment for incorporation therein, on and from the Appointed Date and until the date of Provisional Certificate, with respect to the Works completed prior to the issuance of the Provisional Certificate, and/or Completion Certificate, with respect to the Works referred to in the Punch List, save and except to the extent that any such loss or damage shall have arisen from any default or neglect of the Authority.

3.6 Obligations relating to electricity, water and other services

The Contractor shall be responsible for paying all charges of electricity/power, water and other services facilitated by SEEPZ Authority

3.7 Unforeseeable difficulties

Except as otherwise specified in the Agreement:

- the Contractor accepts complete responsibility for having foreseen all difficulties and costs of successfully completing the Works;
- the Contract Price shall not be adjusted to take account of any unforeseen difficulties or costs; and
- the Scheduled Completion Date shall not be adjusted to take account of any unforeseen difficulties or costs.

For the purposes of this Clause, unforeseeable difficulties include physical conditions like man-made or natural physical conditions including sub-surface and hydrological conditions which the Contractor encounters at the Site during execution of the Works.

5.1 Representations and warranties of the Contractor

The Contractor represents and warrants to the Authority that:

- ✓ it is duly organised and validly existing under the laws of India, and has full power and authority to execute and perform its obligations under this Agreement and to carry out the transactions contemplated hereby;
- ✓ it has taken all necessary corporate and other actions under Applicable Law to authorise the execution and delivery of this Agreement and to validly exercise its rights and perform its obligations under this Agreement;
- ✓ this Agreement constitutes its legal, valid and binding obligation, enforceable

against it in accordance with the terms hereof, and its obligations under this Agreement will be legally valid, binding and enforceable obligations against it in accordance with the terms hereof;

- ✓ it is subject to the laws of India, and hereby expressly and irrevocably waives any immunity in any jurisdiction in respect of this Agreement or matters arising thereunder including any obligation, liability or responsibility hereunder;
- ✓ the information furnished in the Bid and as updated on or before the date of this Agreement is true and accurate in all respects as on the date of this Agreement;
- ✓ the execution, delivery and performance of this Agreement will not conflict with, result in the breach of, constitute a default under, or accelerate performance required by any of the terms of its memorandum and articles of association or any Applicable Laws or any covenant, contract, agreement, arrangement, understanding, decree or order to which it is a party or by which it or any of its properties or assets is bound or affected;
- ✓ there are no actions, suits, proceedings, or investigations pending or, to its knowledge, threatened against it at law or in equity before any court or before any other judicial, quasi-judicial or other authority, the outcome of which may result in the breach of this Agreement or which individually or in the aggregate may result in any material impairment of its ability to perform any of its obligations under this Agreement;
- ✓ it has no knowledge of any violation or default with respect to any order, writ, injunction or decree of any court or any legally binding order of any Government Instrumentality which may result in any material adverse effect on its ability to perform its obligations under this Agreement and no fact or circumstance exists which may give rise to such proceedings that would adversely affect the performance of its obligations under this Agreement;
- ✓ it has complied with Applicable Laws in all material respects and has not been subject to any fines, penalties, injunctive relief or any other civil or criminal liabilities which in the aggregate have or may have a material adverse effect on its ability to perform its obligations under this Agreement;
- ✓ no representation or warranty by it contained herein or in any other document furnished by it to the Authority or to any Government Instrumentality in relation to Applicable Permits contains or will contain any untrue or misleading statement of material fact or omits or will omit to state a material fact necessary to make such representation or warranty not misleading;
- ✓ no sums, in cash or kind, have been paid or will be paid, by it or on its behalf, to any person by way of fees, commission or otherwise for securing the contract or entering into this Agreement or for influencing or attempting to influence any officer or employee of the Authority in connection therewith;

- ✓ all information provided by the {selected bidder/ members of the Consortium} in response to the Request for Qualification and Request for Proposals or otherwise, is to the best of its knowledge and belief, true and accurate in all material respects;
- ✓ all undertakings and obligations of the Contractor arising from the Request for Qualification and Request for Proposals or otherwise shall be binding on the Contractor as if they form part of this Agreement; and
- ✓ nothing contained in this Agreement shall create any contractual relationship or obligation between the Authority and any Sub- contractors, designers, consultants or agents of the Contractor.

5.2 Representations and warranties of the Authority

The Authority represents and warrants to the Contractor that:

- it has full power and authority to execute, deliver and perform its obligations under this Agreement and to carry out the transactions contemplated herein and that it has taken all actions necessary to execute this Agreement, exercise its rights and perform its obligations, under this Agreement;
- it has taken all necessary actions under Applicable Laws to authorise the execution, delivery and performance of this Agreement;
- it has the financial standing and capacity to perform its obligations under this Agreement;
- this Agreement constitutes a legal, valid and binding obligation enforceable against it in accordance with the terms hereof;
- it has no knowledge of any violation or default with respect to any order, writ, injunction or any decree of any court or any legally binding order of any Government Instrumentality which may result in any material adverse effect on the Authority's ability to perform its obligations under this
- Agreement;
- it has complied with Applicable Laws in all material respects;
- it has good and valid right to the Site and has the power and authority to grant the Right of Way in respect thereof to the Contractor; and

5.3 Disclosure

In the event that any occurrence or circumstance comes to the attention of either Party that renders any of its aforesaid representations or warranties untrue or incorrect, such Party shall immediately notify the other Party of the same. Such notification shall not have the effect of remedying any breach of the representation or warranty that has been found to be untrue or incorrect nor

shall it adversely affect or waive any obligation of either Party under this Agreement.

6.1 Disclaimer

- 6.1.1 The Contractor acknowledges that prior to the execution of this Agreement, the Contractor has, after a complete and careful examination, made an independent evaluation of the Request for Qualification, Request for Proposals, Scope of the Project, Specifications and Standards, Site, local conditions, physical qualities of ground, subsoil and geology, traffic volumes, suitability and availability of access routes to the Site and all information provided by the Authority or obtained, procured or gathered otherwise, and has determined to its satisfaction the accuracy or otherwise thereof and the nature and extent of difficulties, risks and hazards as are likely to arise or may be faced by it in the course of performance of its obligations hereunder. Save as provided in Clause, the Authority makes no representation whatsoever, express, implicit or otherwise, regarding the accuracy, adequacy, correctness, reliability and/or completeness of any assessment, assumptions, statement or information provided by it and the Contractor confirms that it shall have no claim whatsoever against the Authority in this regard.
- 6.1.2 The Contractor acknowledges and hereby accepts to have satisfied itself as to the correctness and sufficiency of the Contract Price.
- 6.1.3 The Contractor acknowledges and hereby accepts the risk of inadequacy, mistake or error in or relating to any of the matters set forth in Clause above and hereby acknowledges and agrees that the Authority shall not be liable for the same in any manner whatsoever to the Contractor, or any person claiming through or under any of them, and shall not lead to any adjustment of Contract Price or Scheduled Completion Date.
- 6.1.4 The Parties agree that any mistake or error in or relating to any of the matters set forth in Clause above shall not vitiate this NIT, or render it voidable.
- 6.1.5 In the event that either Party becomes aware of any mistake or error relating to any of the matters set forth in Clause above, that Party shall immediately notify the other Party, specifying the mistake or error.
- 6.1.6 Except as otherwise provided in this NIT, all risks relating to the Project shall be borne by the Contractor; and the Authority shall not be liable in any manner for such risks or the consequences thereof.

7.1 Performance Security

- 7.1.1 The Contractor shall, for the performance of its obligations hereunder, provide to the Authority, within 15 (fifteen) days of the date of this Agreement, an irrevocable and unconditional guarantee, for an amount equal to 5% (three per cent) of the Contract Price, from a Bank in the form set forth in Annex-I of Schedule-F (the "**Performance Security**"). The Performance Security shall be valid until 60 (sixty) days of the completion period of project

in Clause. Until such time the Performance Security is provided by the Contractor pursuant here to and the same comes into effect, the Bid Security/EMD shall remain in force and effect, and upon such provision of the Performance Security, the Authority shall release the Bid Security/EMD to the Contractor.

7.1.2 Notwithstanding anything to the contrary contained in this Agreement, the Parties agree that in the event of failure of the Contractor to provide the Performance Security in accordance with the provisions of Clause and within the time specified therein or such extended period as may be provided by the Authority, in accordance with the provisions of Clause , the Authority may encash the Bid Security/EMD and appropriate the proceeds thereof as Damages, and thereupon all rights, privileges, claims and entitlements of the Contractor under or arising out of this Agreement shall be deemed to have been waived by, and to have ceased with the concurrence of the Contractor, and this Agreement shall be deemed to have been terminated by mutual agreement of the Parties.

7.1.3 In the event the Contractor fails to provide the Performance Security within 15 (fifteen) days of the date of this Agreement, it may seek extension of time for a period not exceeding a further 15 (fifteen) days on payment of Damages for such extended period in a sum calculated at the rate of 0.05% (zero point zero five per cent) of the Contract Price for each day until the Performance Security is provided.

7.2 Appropriation of Performance Security

7.2.1 Upon occurrence of a Contractor Default, the Authority shall, without prejudice to its other rights and remedies hereunder or in law, be entitled to encash and appropriate from the Performance Security the amounts due to it as Damages for the Contractor's Default. Upon such encashment and appropriation from the Performance Security, the Contractor shall, within 30 (thirty) days thereof, replenish, in case of partial appropriation, to its original level the Performance Security, and in case of appropriation of the entire Performance Security provide a fresh Performance Security, as the case may be, and the Contractor shall, within the time so granted, replenish or furnish fresh Performance Security as aforesaid failing which the Authority shall be entitled to terminate the Agreement in accordance with Article 21. Upon such replenishment or furnishing of a fresh Performance Security, as the case may be, the Contractor shall be entitled to an additional Cure Period of 30 (thirty) days for remedying the Contractor Default, and in the event of the Contractor not curing its default within such Cure Period, the Authority shall be entitled to encash and appropriate such Performance Security as Damages, and to terminate this Agreement in accordance with Article 21.

7.3 Release of Performance Security

The Authority shall release the Performance Security within 60 (sixty) days of record of completion of work.

7.4 Retention Money

7.4.1 From every payment for Works due to the Contractor in accordance with the provisions of Clause **Money**) subject to the condition that the maximum amount of Retention Money shall not exceed 5% (five per cent) of the Contract Price. Same shall be release after completion of DLP.

7.4.2 Upon occurrence of a Contractor's Default, the Authority shall, without prejudice to its other rights and remedies hereunder or in law, be entitled to appropriate the relevant amounts from the Retention Money, the Authority shall deduct 5% (five per cent) thereof as guarantee money for performance of the obligations of the Contractor during the Construction Period (the "**Retention** as Damages for such Contractor's Default.

7.4.3 The Parties agree that in the event of Termination of this Agreement, the Retention Money and the bank guarantees specified in this Clause shall be treated as if they are Performance Security and shall be reckoned as such for the purposes of Termination Payment under Clause

8.0 Labour Codes and Related Obligations

8.1 Independent Contractor

The contractor's status shall be that of an independent contractor and Primary Employer of staff deployed during the contract by him or his sub-contractors or other associates. The contractor, its employees, agents, and subcontractors performing under this Contract are not employees or agents of the Procuring Organisation or Procuring Entity or Central or State Government or their agencies/ Enterprises, simply by Services delivered under this Contract.

8.1.1 Obligations of the contractor under Labour Codes and Rules

- ✓ In cases where Services are to be performed by the contractor at the premises of the Procuring Entity or Beneficiary of Services, the contractor shall comply with the provisions of the Labour Codes including Code on Wages, 2019, The Industrial Relations Code 2020, Code on the Social Security 2020, and The Occupational Safety, Health and Working Conditions 2020, and Draft Rules made thereunder, as modified from time-to-time, wherever applicable and shall also indemnify the Procuring Entity from and against any claims under the aforesaid Labour codes and the Rules.
- ✓ The contractor shall obtain a valid licence under the aforesaid Labour codes and the Rules as modified from time to time before the commencement of the contract and continue to have a valid licence until the completion of the contract. Any failure to fulfil this requirement, the Procuring Entity shall treat it as a breach of contract for default as per the contract and avail any or all remedies thereunder.
- ✓ In respect of all labour directly or indirectly employed in the contract for the performance of the contractor's part of the contract, the contractor shall comply with or cause to comply with the provisions of the aforesaid Labour codes and

the Rules wherever applicable. The contractor shall be solely responsible for submitting all the necessary returns under these Codes and the Rules. Nevertheless, the contractor shall submit monthly returns to the Procuring Entity to confirm compliance with such Codes and rules. Failure to do so shall entitle Procuring Entity to take any measure to ensure compliance to such codes and rules by the contractor and his associates, including, but not limited to, withholding contractor's on-account bills.

- ✓ The contractor shall pay the wages as per the Code on Wages to their workers not below the rate of minimum wages, as notified by the State Government or Central Government, whichever is higher, through the bank transfer. The contractor shall, notwithstanding the contract's provisions to the contrary, cause to be paid the wages to labour directly or indirectly engaged on the contract, including any engaged by his Sub-Contractors in connection with the said contract as if he had immediately employed the labour. The Procuring Entity shall, without any commitments or being obliged to do, may its discretion, monitor that such payments are being made. The contractor shall be required to submit, every month, documentary evidence in the form of a Bank Statement of having transferred the gross minimum wages to each worker. Failure to do so shall entail Procuring Entity taking up any measure to ensure the payment of wages including, but not limited to, withholding contractor's on-account bills.
- ✓ In every case in which, by virtue of the provisions of the aforesaid Labour codes and the Rules, the Procuring Entity is obliged to pay any amount of wages to a workman employed by the contractor or his Sub-Contractor in execution of the contract or to incur any expenditure in providing welfare and health amenities required to be provided under the aforesaid Labour codes and the Rules or to incur any expenditure on account of the contingent liability of the Procuring Entity due to the contractor's failure to fulfil his statutory obligations under the aforesaid Labour codes and the Rules the Procuring Entity shall recover from the contractor, the amount of wages so paid or the amount of expenditure so incurred, and without prejudice to the rights of the Procuring Entity under the aforesaid Labour codes and the Rules, the Procuring Entity shall be at liberty to recover such amount or part thereof by deducting it from the security deposit and/ or from any sum due by the Procuring Entity to the contractor whether under the contract or otherwise. The Procuring Entity shall not be bound to contest any claim made against it under the aforesaid Labour codes and the Rules except on the contractor's written request, and upon giving the Procuring Entity complete security for all costs, for which the Procuring Entity might become liable in contesting such claim. The decision of the Procuring Entity regarding the amount recoverable from the contractor as stated above shall be final and binding on the contractor.

8.1.2 Occupational Safety, Health, Working Conditions, Social Security, and Industrial Relations Requirements:

As per Labour Codes, which included Code on Wages, 2019, The Industrial Relations Code 2020, Code on the Social Security 2020, and The Occupational Safety, Health and Working Conditions 2020 and rules thereunder, the following provisions shall be ensured by the contractor.

(1) Provisions for Workers:

- ✓ At his own expense, the contractor shall make adequate arrangements for the housing, supply of drinking water, and provision of clean sanitation, including urinals, etc., for his staff and workers, directly or through the petty contractors or sub-contractors.
- ✓ The contractor shall also provide a temporary creche (Bal-mandir) where 50 or more workers are employed at a time.
- ✓ Suitable sites on Procuring Entity's land, if available, but without any obligation to do so, may be allotted to the contractor for the erection of labour camps, either free of charge or on such terms and conditions that the Procuring Entity may prescribe.
- ✓ All camp sites shall be maintained in clean and sanitary conditions by the contractor at his own cost.

(2) During the execution of services, unless otherwise stipulated in the contract, the contractor shall at his own cost provide the following materials as is necessary for:

- ✓ the safety, hygiene, satisfaction, elegance, acceptance, proper handling of assets and shall ensure that no damage, injury, or loss is caused or likely to be caused to any person or assets or hindrance to other works/ services.
- ✓ environmental requirements to conserve energy, water, wood, paper, and other resources, reduce waste, phase out the use of ozone-depleting substances, and minimise the release of greenhouse gases, volatile organic compounds, and other substances damaging health and the environment.

(3) **Medical Facilities:** the contractor shall provide medical facilities at the site as prescribed by the Contract Manager on the advice of the Procuring Entity's Medical Authority commensurate with the strength of the contractor's resident staff and workers. Such facilities shall include a First-Aid facility manned with staff trained in first aid as per labour codes or the Contract Manager's directions.

(4) **Medical Certificate of Fitness for Labour**

the contractor shall not employ a person below 18 years of age. For delivery of Services under the contract, unless a medical certificate of fitness in the prescribed form under labour codes (or as directed by the contract manager) is granted to each worker by a certifying surgeon certifying that he is fit to work as an adult, is obtained and kept in the custody of the contractor or a person nominated by him in this behalf and the person carries with him, while at work, a token giving a reference to such certificate.

- ✓ Period of Validity of Medical Fitness Certificate: A certificate of fitness granted or renewed for the above-said purposes shall be valid only for one year at a

time. The certifying surgeon shall revoke a certificate granted or renewed if, in his opinion, the holder of it is no longer fit for work in the capacity stated therein. Where a certifying surgeon refuses to grant or renew a certificate or revoke a certificate, he shall, if so required by the person concerned, state his reasons in writing for doing so.

- ✓ Medical Re-Examination of Labour: Where any official appointed on this behalf by the Ministry of Labour believes that any person employed in connection with the execution of any work under this Contract in the age group 18 to 65 years is without a certificate of fitness or is having a certificate of fitness but no longer fit to work in the capacity stated in the certificate, he may serve on the contractor, or the person nominated by him in this regard, a notice requiring that a certifying surgeon and such person shall examine such persons shall not if the concerned official so directs, be employed or permitted to do any work under this Contract unless he has been medically examined and certified that he has been granted a certificate of fitness or a fresh certificate of fitness, as the case may be.

8.1.3 Mandatory Compliance of Government Welfare Schemes

the contractor must ensure and provide documentary evidence for the following and must submit documentary evidence to show the coverage of all his workers or labour under the following schemes at all times during the contract period on an annual basis:

- ✓ All the contractor's workers or labour employed directly or indirectly must be enrolled under the Pradhan Mantri Jan Dhan Yojana (PMJDY), a scheme that aims to provide all the citizens of India a bank account, credit facility, insurance cover and debit card.
- ✓ All the workers or labour employed directly or indirectly by the contractor between the ages 18-70 years must be enrolled under the Pradhan Mantri Suraksha Bima Yojana (PMSBY), an accident insurance scheme which shall be a one-year cover, renewable from year to year, offering accidental death and disability cover for death or disability on account of an accident. The contractor shall pay the premium per annum per member for all his workers during the contract period.
- ✓ All the workers or labour employed directly or indirectly by the contractor between the ages 18-50 years must be enrolled under the Pradhan Mantri Jeevan Jyoti Bima Yojana, an insurance scheme which shall be a one-year cover, renewable from year to year, offering life insurance cover for death due to any reason. The contractor shall pay the premium per annum per member for all his workers during the contract period.

8.1.4 Contract Labour Records and Management System

A comprehensive record needed for contract labour management and monitoring attendance (Identity Cards, Labour Records, Attendance, Time Sheets, Training Record, acknowledgements of labour Codes) for efficient

performance and safeguarding workers' welfare must be maintained by the contractor. It shall be inspected during Site Inspections by the Contract Manager. The contractor shall put this system in place unless otherwise stipulated in the Special Conditions of Contract. If so stipulated in Special Conditions of Contract², a computerised Contract Labour Management system shall be mandatory.

8.1.5 The obligation of Contractor to ensure awareness of Labour Codes

- ✓ the contractor has to mandatorily provide a comprehensive day-long training carried out by a certified Third-Party agency for the awareness of Labour codes and the Rules, grievance redressal mechanism and other provisions applicable to his and his Sub-contractor's staff, workers, labour employed by him directly or indirectly in delivery of service to the Procuring Entity. The contractor must submit relevant documentary proof to Procuring Entity of having conducted such training to all workers.
- ✓ The contractor must provide a comprehensive booklet (Procuring Entity approves that) containing all the relevant updated labour codes, rules, and other applicable provisions, to every worker at the outset of the contract in the local vernacular language.
- ✓ Procuring Entity, without any commitments or being obliged to do, may its discretion, provide following facilities for Contractor's Contract Labour working on this Contract:
- ✓ Helpline for complaints from labour regarding payment of wages, work site facilities, sexual harassment etc
- ✓ Provision for recording anonymous complaints from workers, citizens etc., regarding violation of Labour codes and the Rules by Contractor.

8.2 Insurances

- (1) the contractor (a) shall take out and maintain, and shall cause any Subcontractors to take out and maintain, at its (or the Subcontractors', as the case may be) own cost but on terms and conditions approved by the Procuring Entity, insurance against the risks, and for the coverage, as stipulated in the contract or any applicable law including Labour Codes; and at the Procuring Entity's request, shall provide evidence to the Procuring Entity showing that such insurance has been taken out and maintained and that the current premiums have been paid.
- (2) the contractor at his cost shall provide, in the joint names of the Procuring Entity and the contractor, insurance cover from the start date to the date of completion of the contract, in the amounts and deductibles as per the instructions of the contract manager and the contract for the following events which are due to the contractor's risks:
 - ✓ loss of or damage to Equipment, materials for which advances have been paid;

- ✓ loss of or damage to property of the Procuring Entity in connection with the contract;
- ✓ Personal injury or death.
- ✓ Penalties and demands by labour regulatory authorities

Insurance policies and certificates for insurance shall be delivered to the Contract Manager for approval before the Start Date. All such insurance shall provide compensation payable in Indian Rupees to rectify the loss or damage incurred.

- (3) Alterations to the terms of insurance shall not be made without the approval of the Contract Manager.
- (4) Both parties shall comply with any conditions of the insurance policies.

8.3 Permits, Approvals and Licenses

Whenever the delivery of Services and incidental Goods/ Works requires the contractor to obtain permits, approvals, and licenses from local public authorities, it shall be the contractor's sole responsibility to obtain these and keep these current and valid. Such requirements may include but not be restricted to licences or environmental clearance if required. If requested by the contractor, the Procuring Entity shall make its best effort to assist the contractor in complying with such requirements in a timely and expeditious manner, without any dilution of the Contractor's responsibility in this regard.

8.4 Accounting, Inspection and Auditing

the contractor shall keep accurate and systematic accounts and records regarding the provision of the Services under this Contract, as per accounting principles prescribed in India.

8.5 Book Examination Clause

If explicitly invoked in the contract, the Procuring Entity reserves the right for 'Book Examination' as follows:

- (1) the contractor shall, whenever called upon and required to produce or cause to be produced, for examination by any Government Officer duly authorised in that behalf, any cost or other book of account, voucher, receipt, letter, memorandum, paper or writing or any copy of or extract from any such document. The contractor shall also furnish information relating to the execution of this contract or relevant for verifying or ascertaining the cost of execution of this contract to such Government Officer in such manner as may be required. The decision of such Government Officer on the question of relevancy of any document, information of return being final and binding on the parties. The obligation imposed by this clause is without prejudice to the contractor's obligations under any other statute, rules or orders which shall be concurrently binding on the contractor.
- (2) The contractor shall, if the authorised Government Officer so requires (whether before or after the prices have been finally fixed), afford facilities to the Government Officer concerned to visit the contractor's premises to

examine the processes of production and estimate or ascertain the cost of performance of Contract. The authorised Government Officer shall have power, mutadis mutandis, to examine all the relevant books of Contractor's subcontractor, or any subsidiary or allied firm or company, If any portion of the contract is entrusted or carried out by such entities.

- (3) If on such examination, it is established that the contracted price is more than the actual cost-plus reasonable margin of profit, the Procuring Entity shall have the right to reduce the price and determine the amount to a reasonable level.
- (4) The contractor or its agency is bound to allow examination of its books within 60 days from the date the notice is received by the contractor or its agencies calling for the production of documents under sub-clause (1) above. In the event of the contractor's or his agency's failure to do so, the contract price would be reduced and determined according to the best judgment of the Procuring Entity, which would be final and binding on the contractor and his agencies.

9.0 Procuring Entity's Obligations

9.1 Facilities to be Provided by the Procuring Entity

- (1) No Facilities (including Reference Documents, Medical facilities, Rooms, Furniture, Transport, Access to IT Services etc.) other than those stipulated explicitly in the contract shall be provided or loaned by the Procuring Entity to the contractor for performance of the contract. Whenever such assets are required to be issued to the contractor as per the contract, these would be issued only as per terms and conditions and against appropriate safeguards (including Insurances, Bank Guarantee, Indemnity Bonds, Retention Money etc.) specified therein. The contractor shall use such property for the execution of the contract and for no other purpose whatsoever.
- (2) Unless otherwise stipulated in the contract, The Procuring Entity may hire to the contractor non-key Equipment owned and sparable by Procuring Entity for use during execution of the Services on terms and conditions and on the chargeable basis as may be stipulated in the contract or a separate agreement for Hire of such equipment.

9.2 Provision of Utilities at Site by Procuring Entity

Unless otherwise stipulated in the contract, The Procuring Entity may supply without any obligation to do so, to the contractor part or whole of the quantity of the water and electricity required for the delivery of Services from the Procuring Entity's existing water/ electricity supply system at or near the site of Services on specified terms and conditions and on chargeable basis (unless specified otherwise), provided that the contractor shall arrange, at his own expense, to effect the connections and lay additional pipe/ power lines and accessories on the site. Nevertheless, it shall be the responsibility of the contractor to install

adequate alternative arrangements to tide over outages in utilities or failure in supply by the Procuring Entity, and that the contractor shall not be entitled to any compensation– nor shall this be a reason for the delay in delivery of Services.

9.3 Custody and Return of the Procuring Entity's Assets loaned to Contractor

- (1) The contractors shall sign accountable receipts for all tools, plants and materials or other assets/ properties made over to him by the Contract Manager. All such assets shall be deemed to be in good condition when received by the contractor unless he has within twenty-four hours of the receipt thereof notified the Procuring Entity to the contrary. Otherwise, he shall be deemed to have lost the right to do so at any subsequent stage.
- (2) These assets shall remain the property of the Procuring Entity, and the contractor shall take all reasonable care of all such assets. The contractor shall be responsible for all damage or loss from whatever cause caused while assets are possessed or controlled by the contractor, staff, workmen, or agents.
- (3) Where the contractor insures such assets against loss or fire at the request of the Procuring Entity, such insurance shall be deemed to be by way of additional precaution and shall not prejudice the contractor's liability as aforesaid.
- (4) The contractor shall return all such assets in good order and repair, fair wear and tear excepted, before the completion/ closure/ termination of the contract and shall be responsible for any failure to account for the same or any damage done to that as assessed by the Procuring Entity whose decision shall be final and binding.

10.0 Scope of Services, Performance Standards and Quality Assurance

10.1 Scope of Services

- (1) This contract is for the performance/ delivery of Services of the description, scope/ quantum, performance standards and quality outlined in the contract during the contract Period specified therein. Unless otherwise specified, the Services shall conform to performance and quality standards as stipulated in the contract or as per best standards in the market, where not so specified.
- (2) The contractor shall deliver Services and submit the reports, deliverables, outputs, and documents stipulated in Format 1.1: Description of Services to the Procuring Entity.
- (3) The Services shall include all such work-elements not mentioned explicitly in this Contract, but that can be reasonably inferred from this Contract as being required for attaining Completion of the Services as if such items were expressly mentioned in this Contract.

- (4)**Incidental Works/ Goods:** If so stipulated, the contractor shall be required to perform/ deliver specified incidental Works/ Goods as an integral part of the Services in the contract.

10.2 Performance Standards

- (1) the contractor shall perform the Services as per Format 1.1: Description of Services, and carry out its obligations with all due diligence, efficiency, and economy, observing sound management practices, and employ appropriate advanced technology and safe methods as per the performance standards and quality control parameters as stipulated in the contract. For matters where the contract does not specify any Standard, the Services delivered shall conform to National/ International Standards or generally accepted professional techniques and practices.
- (2)**The shortfall in Performance:** In cases where the performance or/and quality of Services is/are found to be unsatisfactory, Procuring Entity or his representatives shall impose damages for the shortfall in performance as per GCC-clause below. This levy of damages shall not absolve the contractor from rectification or re performance of the defective Service without further payment.

10.3 Quality Control and Defect Liability

- (1)The Procuring Entity shall check the quality of the Services and shall inspect the contractor's performance according to CPWD specifications.
- (2)Description of Services. The Procuring Entity shall promptly notify the contractor of any identified defects, requesting the correction of the notified defect within a reasonable time.
- (3)If the contractor has not corrected notified defect within the time stipulated in the Procuring Entity's notice, the Procuring Entity shall assess the cost of having the defect corrected. Without prejudice to any of its other remedies under this Contract or applicable law, procuring Entity shall be legally entitled to deduct such cost from the contract's payments Security Deposit, together with the damages for the shortfall in performance (as per clause above), a sum equivalent to the percentage stipulated in the contract.

10.4 Eligible Services - Country of Origin and Minimum Local Content

Unless otherwise stipulated in SCC or Contract, country of origin of 'Services' and related 'Goods' under the contract shall have their origin in India or other countries and must conform to the declaration made by the contractor in its bid regarding but not limited to i) restrictions on certain countries with land-borders with India; ii) minimum local content and location of value addition (Make in India Policy); iii) Contractor's status as MSE or Start-up. The term "origin" used in this clause means the place from where the Services (and incidental Goods, including subcontracted components) are arranged and delivered, or incidental

goods are mined, grown, produced, or manufactured. For purposes of this Clause, the term 'Services' shall have the meaning as defined in GCC-clause.

10.5 Quantity Tolerance

Unless otherwise stipulated in the contract, the obligation for completing Services shall be considered complete if the Services have been performed to the tolerance of plus or minus 5% of the quantum or the total value of Services ordered in the contract. Only the delivered / measured quantity shall be paid for as per the terms of the contract.

10.6 Contract Period and Option Clause

10.6.1 Contract Period

Unless otherwise stipulated in the contract, the contract Period for which the Service shall be provided shall be 8 months from the effective date of the contract, unless completed earlier or terminated as per the contract.

11.1 Option Clause

If stipulated otherwise in the contract, the Procuring Entity shall have the right to exercise the following options, by written notification to the contractor no later than thirty (30) days before Contract end:

- (1) extend the contract Period only once (unless otherwise stipulated in the contract) by four months period (unless otherwise stipulated in the contract).
- (2) increase the ordered quantum of Services upto the percentage specified therein (or 25% if not specified) at any time, till the completion date of the contract, by giving reasonable notice and providing a reasonable extension in delivery period for increased quantum, even though the quantum ordered initially has been delivered in full before the completion Period.

12.0 Measurement, Variations and Modifications

12.1 The measurement of Inputs and Services

- (1) Measurements shall be recorded based on the contractor's day-to-day records and authenticated by the Contract Manager or his representative as updated per the agreed Works Programme.
- (2) The contractor shall be paid for the Inputs /Services at the rates in the contract and extra inputs/ Services at rates determined under GCC-clause below on the measurements taken by the Contract Manager or his representative. The quantities for items the unit of which in the contract is 100 or 1000 shall be calculated to the nearest whole number, any fraction below half being dropped and a half and above being taken as one; for items, the unit of which in the contract is single (if not an integral quantity), the quantities shall be calculated to two places of decimals. Such measurements shall be taken of the Services in progress from time to time and at such intervals as in the opinion of the Contract Manager

shall be proper regarding the progress of Service. The date and time on which 'on account' or 'final' measurements are to be made shall be communicated to the contractor who shall be present at the site and shall sign the results of the measurements (which shall also be signed by the Contract Manager or his representative) recorded in the official measurements book as an acknowledgement of his acceptance of the accuracy of the measurements.

- (3) If the contractor fails to attend, the service may be measured up in his absence, and such measurements shall, notwithstanding such absence, be binding upon the contractor whether or not he has signed the measurement books.
- (4) It shall be open to the contractor to take specific objection to any recorded measurements or Classification on any ground within seven days of the date of such measurements. Any re-measurement taken by the Contract Manager or his representative in the contractor's presence or absence after due notice has been given to him shall be final and binding on the contractor. No claim whatsoever shall after that be entertained regarding the accuracy and classification of the measurements. If the Contract Manager finds an objection raised by the contractor to be incorrect, the contractor shall be liable to pay the actual expenses incurred in re-measurements.

12.2 Deviation and extra item (As per CPWD norms)

Contractor may execute individual item of BoQ deviated up to 10%, on Deviation beyond 10% contractor to take prior approval of competent authority. Contractor to submit market rate analysis as per CPWD norms of items which exceed beyond 25%. Up to 25% BoQ rate will be adopted. Extra item which is not included in BoQ contractor to take prior approval before execution.

13.0 Deployment of Resources

13.1 Site and Assets thereon

13.1.1 Site of Service Delivery

- (1) The site for Service delivery shall be the lands, spaces, and other places on, under, in or through which the Services are to be carried out and any other lands or places provided by the Procuring Entity for the contract.
- (2) No land or building or any other asset belonging to or in possession of the Procuring Entity shall be occupied by the contractor without the permission of the Procuring Entity. The contractor shall not use or allow to be used the site for any purposes other than executing or concerning the execution of the services.
- (3) Facilities for Inspection: the contractor shall afford the Contract Manager and his representative every facility for entering in and upon every portion

of the site at all hours for inspection or otherwise and shall provide all facilities required for the purpose. The Contract Manager and his representative shall have free access to every part of the site and all places at which materials, tools, and plants are stored or prepared for the Services.

- (4) Existing Roads and Waterways: Existing roads or water courses shall not be blocked, cut through, altered, diverted, or obstructed in any way by the contractor, except with the permission of the Contract Manager.
- (5) Non-Obstruction of Access: During the progress of Services in any street or thoroughfare, the contractor shall make adequate provision for the passage of traffic, for securing safe access to all premises approached from such street or thoroughfare and for any drainage, water supply or means of lighting which may be interrupted by reasons of the execution of the Services and shall react and maintain at his cost barriers, lights and other safeguards as prescribed by the Contract Manager, for the regulation of the traffic, and provide security staff necessary to prevent accidents.
- (6) No Obstruction to Flow of Work and Personnel of Procuring Entity: Contractor shall arrange his work in consultation with the Contract Manager in such a manner to avoid obstruction to the normal flow of work and personnel of the Procuring Entity at the site, preferably utilising non-business hours for such obstructive or hazardous activities.

13.1.2 Temporary Works at Site

the contractor shall at his own expense erect temporary works, e.g., sheds, yards, and storehouses in such situations, and such numbers as in the opinion of the Procuring Entity is requisite for performing the Services. The contractor shall keep at each such sheds, yards, and store-houses a sufficient quantity of materials/ plant in stock as not to delay the performance of the Services with due expedition. The Procuring Entity and its representative shall have free access to the said sheds/yards/ store houses at any time to inspect the stock of materials or plant so kept in hand, and any materials or plant which the Procuring Entity may object to shall not be brought upon or used in the services but shall be forthwith removed from the sheds/yards/store houses by the contractor.

13.1.3 Security Arrangements

- (1) The contractor shall secure security arrangements at the site against unauthorised access/ trespass, pilferage, theft, leakage or misuse of property or belongings of his or his staff or Procuring Entity and its Staff by his staff or third parties or trespassers.
- (2) Preservation of Peace
 - a) the contractor shall take requisite precautions and use their best endeavours to prevent any riotous or unlawful behaviour by or amongst their workers and others, employed directly or through the petty contractors or sub-contractors

for services, and for the preservation of peace and protection of the inhabitants and security of property in the neighbourhood of the site of services.

- b) If the Procuring Entity stipulates maintenance of a special Police Force at or in the vicinity of the site during the tenure of service Contract, the expenses thereof shall be borne by the contractor and, if paid by the Procuring Entity, shall be recoverable from the contractor.
- (3) Prohibition of Smoking and Intoxicants: the contractor or his staff or any labour employed through sub-contractors or petty contractors shall be prohibited from Smoking in 'No Smoking Zone' and in Public Places and also prohibited from the use of any intoxicating substances including, but not limited to, intoxicating beverages during the service period or on-site or near the site or in any of the facilities, sites, buildings, encampments, or tenements owned, occupied by or within the control of the contractor or any of his employees. The contractor shall exercise influence and authority to the utmost extent to secure strict compliance with this condition.

13.1.4 Safety Issues

- (1) the contractor shall be responsible for the safety of all activities on the Site.
- (2) The contractor shall be responsible for the safety of all persons employed by him on Site, directly or through petty contractors or Sub-Contractors, and shall report accidents to any of them, however, and wherever occurring on Works, to the contract manager or his representative, and shall make every arrangement to render all possible assistance and to provide prompt and proper medical attention. The compensation for affected Workers or their relatives shall be paid by the contractor in such cases expeditiously as per the Workmen's Compensation Act and other labour codes.
- (3) Safety of Public and Third parties: the contractor shall be responsible for taking all precautions to ensure the safety of the public and third parties, whether on public or Procuring Entity's property and shall post look out, such persons as may, in the opinion of the Contract Manager, be required to comply with regulations appertaining to the service. No explosives shall be used for the Services rendered or on the site by the contractor.

13.1.5 Clearance of Site on Completion

On completion of the services, the contractor shall clear away and remove all tools /plants and surplus materials, rubbish and temporary works of every kind and leave the whole of the site clean to the satisfaction of the Contract Manager.

- (1) If the contractor provides temporary huts on the Procuring Entity land for labour engaged by him to execute services, the contractor shall arrange for handing over vacant possession of the said land after the service is completed.
- (2) No final payment in settlement of the accounts for the Services shall be paid, held to be due or shall be made to the contractor till, in addition to

any other condition necessary for final payment, site clearance shall have been affected by him.

- (3) In the event of failure on the part of the contractor to comply with this provision within 7 days after receiving notice for clearance of Procuring Entity's site and lands, the Contract Manager shall cause them to be removed through public sales of such materials and property or in such a way as deemed fit and convenient and cost as increased by supervision and other incidental charges shall be recovered from the contractor. If the contractor's labour refuses to vacate and has to be ejected following due process by the Procuring Entity, necessary expenses incurred by the Procuring Entity in connection shall be borne by the contractor. The Procuring Entity shall not be held liable for any loss or damage to the contractor's property as may be on the site and due to such removal.

14.0 Key and Non-key Personnel

14.1 Key Personnel

- (1) The titles, job descriptions, minimum qualifications, and estimated periods of the contractor's Key Personnel engagement in carrying out the Services are described
- (2) Substitution of key personnel shall only be allowed in compelling or unavoidable situations, and the substitute shall be of equivalent or higher credentials. Such substitution shall not exceed the limit specified in SCC (or 30%, if not specified) of total key personnel.

14.2 Non-key Personnel

- (1) the contractor must ensure deployment of non-key Personnel as per the Personnel Deployment Plan and approved Works Programme as updated. If the Contract Manager believes that the contractor is not employing sufficient staff and workers as is specified or otherwise for the proper execution of the Services, he shall issue a notice to the contractor for remedial measures. The contractor shall forthwith on receiving intimation to this effect deploy the additional number of staff and labour as specified by the Contract Manager immediately, and failure on the part of the contractor to comply with such instructions shall entitle the Procuring Entity to penalize the contractor for the shortfall in performance or terminate the contract as per the contract and avail all the remedies thereunder. Such action shall be in addition to deduction from Contractor's payment cost of shortfall personnel.
- (2) The contractor shall also deploy efficient and competent supervisory staff to give the necessary directions to his workers and to see that they provide their services desirably and adequately and shall employ only such supervisors, workers & labour in or about the execution of any of these Services as are

Careful and skilled in the various trades. Daily attendance records of such supervisors and labour shall be maintained.

- (3) Procuring Entity reserves its right to ask for additional manpower, and the contractor shall be contractually bound to provide such manpower at one week's advance notice – which shall be paid extra at rates quoted.
- (4) Police Verification of Labour employed by Contractor: the contractor must submit Police Verification certificates in a format prescribed by the Police Department (or as directed by the Contract Manager) for all contractual staff hired for delivery of Services for Procuring Entity.
- (5) Restrictions on the Employment of Retired Staff or Officers or Managers of Procuring Entity Services within One Year of their Retirement: the contractor shall not, himself be a retired Government Manager of Gazetted rank, or engage any employee or associate who is a retired Government Manager of Gazetted rank, if such persons have not completed one year from the date of retirement, in connection with this Contract in any manner whatsoever without obtaining prior permission of the relevant authority. If the contractor is found to have contravened this provision, it shall constitute a breach of contract and Procuring Entity shall be entitled to terminate the contract and avail any or all the remedies thereunder.
- (6) The contractor shall, when he is not personally present on the site of the workplace, shall keep a responsible agent during working hours who shall, on receiving reasonable notice, present himself to the Contract Manager and orders given by the Contract Manager or his representative to the agent shall be deemed to have the same force as if they had been given to the contractor. Before absenting herself, the contractor shall furnish the name and address of his agent for this clause and failure on the contractor's part to comply with this provision at any time shall entitle the Procuring Entity to terminate the contract and avail any or all the remedies thereunder.

14.3 Removal of Personnel on Orders of Contract manager

- (1) If the Procuring Entity finds that any of the Personnel have (i) committed severe misconduct or have been charged with having committed a criminal act, or (ii) have reasonable cause to be dissatisfied with the performance of any of the Personnel, then the contractor shall, at the Procuring Entity's written request specifying the grounds thereof, provide as a replacement a person with qualifications and experience acceptable to the Procuring Entity, subject to sub-clause below.
- (2) The contractor shall have no claim for additional costs arising out of or incidental to any removal and/or replacement of Personnel.

14.4 Key and Non-Key Equipment, Tools and Plants

- (1) The details of Key Equipment required to be deployed are described in Format 1.1.2.

- (2) Except as the Procuring Entity may otherwise agree, no changes shall be made in the deployment of Key Equipment. If it becomes necessary to replace any of the Key Equipment for any reason beyond the contractor's reasonable control, the contractor shall provide Equipment of equivalent or better performance as a replacement.
- (3) The contractor must ensure deployment of non-key Equipment as per the Equipment Deployment Plan in Format 1.1.2 and approved Works Programme as updated. In the event of the Contract Manager believing that the contractor is not employing on the Services sufficient Equipment/Tools/ Plant as is specified or otherwise for the proper execution of the Services within the prescribed procedure and time, the contractor shall forthwith on receiving intimation to this effect deploy the additional equipment/ tools/ plants as specified by the Contract Manager immediately and failure on the part of the contractor to comply with such instructions shall entitle the Procuring Entity to penalize the contractor under shortfall in performance or terminate the contract as a breach of contract. Such action shall be in addition to a deduction from Contractor's payment cost of shortfall Equipment as per Equipment Deployment Plan in Format 1.1.2.
- (4) the Contract Manager or his representative shall be entitled to order within the time stipulated in the order:
 - ✓ The removal of any equipment/ tools/ plants which in their opinion are not as per the performance standards.
 - ✓ The substitution of proper and suitable equipment/ tools/ plants

15.0 Materials Deployment

- (1) Deployment of adequate inventory and supply chain of materials specified and provided in the contract or necessary for the delivery of Services or Personnel and Equipment deployed shall be of specified specification and quality and if not specified as per the best of market and business practices. The materials may be subjected to tests employing such machines, instruments and appliances as the Procuring Officer may direct and wholly at the contractor's expense.
- (2) Except as the Procuring Entity may otherwise agree, no changes shall be made in such materials' deployment, inventory, or supply chain. If for any reason beyond the contractor's reasonable control, it becomes necessary to do so, the contractor shall provide a replacement by materials of equivalent or better quality.
- (3) The contractor must ensure the deployment of materials as per the Materials Deployment Plan in Format 1.1.3 and the approved Works Programme as updated. In the event of the Contract Manager believing that the contractor is not employing on the Services sufficient materials/ inventory as is specified or otherwise for the proper execution of the Services within the prescribed procedure and time, the contractor shall forthwith on receiving intimation to

this effect deploy additional materials/ inventory as specified by the Contract Manager immediately and failure on the part of the contractor to comply with such instructions shall entitle the Procuring Entity to penalize the contractor under shortfall in performance or terminate the contract as a breach of contract. Such action shall be in addition to deduction from Contractor's payment cost of shortfall materials as per Materials Deployment Plan in Format 1.1.3

15.1 Property in Equipment and Materials brought to Site.

The materials and plant brought by the contractor upon the site or on the land occupied by the contractor in connection with the Services and intended to be used for the execution shall not be removed from the site without the approval of the Procuring Entity. However, materials/ equipment which the Contract Manager rejects under GCC-clause during the progress of the Services, or which after the grant of the certificate of completion, are declared as not needed or those that remain unused, can be removed from the site or the said land by the Contractor. This clause shall not in any way diminish the liability of the contractor nor shall the Procuring Entity be in any way answerable for any loss or damage which may happen to or in respect of any such materials or plant either by the same being lost, stolen, damaged, or destroyed by fire, tempest or otherwise.

16.0 Delivery of Services and delays

16.1 Works Programme

- (1) Before commencement of the Services, the contractor shall submit for approval of the Contract Manager a Works Programme showing the Methods; schedule of delivery of services, the deployment plans for Personnel; Equipment and Materials for the execution of the services. The programme of delivery of Services amended as necessary by discussions with the Contract Manager shall be treated as the agreed Works programme for this Contract. The Services shall be carried out and monitored as per the approved Program as updated.
- (2) Unless otherwise stipulated in the contract or agreed between the parties, the Works Programme shall be based on round-the-clock (24X7) operations without violating statutory regulations.

16.2 Compliance to Contract Manager's Instructions

- (1) the Contract Manager shall direct the order in which the several components of the Services shall be provided, and the contractor shall execute without delay all orders given by the Contract Manager from time to time. Still, the contractor shall not be relieved thereby from responsibility for the due performance of the Services in all respects.
- (2) Any instructions or approval given by the Contract Manager's representative to Contractor in connection with the Services shall bind the

contractor as though the Contract Manager had given it provided as follows

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- Failure of the Contract Manager's representative to disapprove any work/ Services or materials shall not prejudice the power of the Contract Manager after that to disapprove such Services or material and order the rectification thereof.
 - If the contractor is dissatisfied because of any decision of the Contract Manager's representative, he shall be entitled to refer the matter to the Head of Procurement through the Contract Manager, who shall there upon confirm or vary such decision.
- (3) Compliance with Contractor's Request for Details: the Contract Manager shall furnish with reasonable promptness, after receipt of the contractor's request, additional instructions regarding procedures, specifications or otherwise, necessary for the proper performance of the Services or any part thereof. All such procedures, specifications and instructions shall be consistent with the contract Documents and reasonably inferable from them.

17 Commencement of Services

- (1) Effective Date of Contract: Contractor shall commence the Services and shall proceed with due expedition and without delay, from the effective date of Contract (all dates of delivery shall be counted from such a date), which shall be the date mentioned as the effective date in the contract, or if not so mentioned:
- ✓ days from (unless specified otherwise in that order) the date of an order to this effect from the Contract Manager, or if no such order is issued,
 - ✓ days from the date Contract has been signed by the Procuring Entity

17.1 Time for Delivery of services and Extensions Thereof

The time and uninterrupted delivery of Services shall be deemed to be the essence of the contract. Subject to any requirement in the contract as to the completion of any portions or portions of the Services before completion of the whole; the contractor shall fully and finally complete the whole of the services comprised in the contract as per the Delivery and Completion Schedule stipulated in Format 1.1: Description of Services. If at any time during the currency of the contract, the contractor encounters conditions hindering the timely performance of services, the contractor shall promptly inform the Procuring Entity in writing about the same and its likely duration. He must make a request to the Procuring Entity for an extension of the delivery schedule. On receiving the contractor's communication, the Procuring Entity shall examine the situation and, at its discretion, may agree to extend the completion schedule, with or without liquidated damages and with and without denial clause by issuing an amendment to the contract in terms of the following clauses.

17.2 Extension Due to Modification

The Contract Manager might grant a reasonable extension of the completion date if any modifications ordered materially increase the time for delivery of the services. The contractor shall be responsible for requesting such extension of the date as soon as the cause thereof shall arise and, in any case, not less than one month before the expiry of the date fixed for completion of the services.

17.3 Extension for Delay Not Due to Contractor

- (1) If in the opinion of the contractor, the progress of Services has any time been delayed due to following reasons, then within 15 days of such happening causing delay, he shall give notice thereof in writing to the Contract Manager, but shall nevertheless do due diligence to bring down or make good the delays and to proceed with the services:
 - ✓ any act or neglect of other contractor employed by the Procuring Entity or in executing the work/service not forming part of the contract but on which Contractor's performance necessarily depends or
 - ✓ proceeding taken or threatened by or dispute with external third parties arising otherwise than from the contractor's own default etc. or
 - ✓ any act or neglect of Procuring Entity's employees or
 - ✓ delay authorized by the Contract Manager pending arbitration or
 - ✓ the contractor not having received in due time necessary instructions from the Procuring Entity for which he shall have especially applied in writing to the Contract Manager or his authorized representative.
 - ✓ hand over possession of the site or the necessary facilities/ documents/ data or instructions by the Procuring Entity to the contractor or
 - ✓ give the necessary notice to commence the services, or
 - ✓ any other delay caused by the Procuring Entity due to any other cause whatsoever.
- (2) the contractor may also indicate the period for which the Services is likely to be delayed and ask for a necessary extension of time. On receipt of such request from the contractor, the Contract Manager shall consider the same and grant such extension of time as in his opinion is reasonable regarding the nature and period of delay and the type and quantum of work affected thereby. No other compensation shall be payable for works so carried forward to the extended period. The same rates, terms, and conditions as the original Contract shall apply during the extended period.

17.4 Extension of Time for Delay Due to Contractor

- (1) If the contractor fails to deliver the Services within the fixed/ extended period for reasons other than those stipulated in GCC-clause above, the Procuring Entity may, if satisfied that the service delivery can still be completed within a reasonable time, extend the period further.

- (2) On such extension, the Procuring Entity shall be entitled without prejudice to any other right and remedy available on that behalf to recover from the contractor as agreed damages and not by way of penalty Liquidated Damages as per GCC-clause below.
- (3) Provided further, that if the Procuring Entity is not satisfied that the service can be completed by the contractor or in the event of failure on the part of the contractor to complete the service within the extension of time allowed further as aforesaid, the Procuring Entity shall be entitled without prejudice to any other right or remedy available in that behalf, treat the delay as a breach of contract and avail any or all the remedies thereunder, whether or not actual damage is caused by such default.
- (4) Inordinate Delays: Delays due to the contractor of more than one-fourth (25%) of the total completion period shall be treated as inordinate delays. Detailed delay analysis and justification is to be submitted by bidder.

18 Damages and Deductions Thereof

18.1 Right of the Procuring Entity to recover Damages.

Procuring Entity shall be entitled to, and it shall be lawful for him to recover damages for the shortfall in performance and Liquidated damages as detailed in this clause from all payments due or any Performance Security or any retention money. This clause does not limit Procuring Entity from imposing more than one damages under the contract, and such damages shall be applied concurrently.

18.2 Damages for Shortfall in Performance

The Procuring Entity shall, without prejudice to other rights and remedies under the contract, recover as damages for the shortfall in performance, but not as a penalty, 0.5% percent (or any other percentage prescribed) of the delivered price (including elements of GST & freight) of the defective Services, If the contractor fails to perform the Services as per Performance Standards and Quality, without having to prove actual loss incurred.

19 Liquidated damages

- (1) Subject to GCC-clause, if the contractor fails to perform the Services within the time frame(s) incorporated in the contract, the Procuring Entity shall, without prejudice to other rights and remedies available to the Procuring Entity under the contract, deduct from the contract price, as liquidated damages for each week of delay or part thereof until actual delivery or performance, but not as a penalty, a sum equivalent to the 0.1% percent per day (or any other percentage if prescribed) of the related monthly bill of the Services. Besides liquidated damages during such a delay, the denial clause as per GCC-clause shall also apply.
- (2) Any failure or delay by any sub-contractor, though their employment may have been sanctioned, shall not be admitted as a ground for any extension

of time or for exempting the contractor from liability for any such loss or damage as aforesaid.

20 Denial Clause:

- (1) No increases in price on account of any statutory increase in or fresh Imposition of any taxes/ duty/ cess/ levy) leviable in respect of the Services and incidental goods/ works stipulated in the said Contract which takes place after the original delivery date shall be admissible on such of the said Services, as are delivered after the said date; and
- (2) Notwithstanding any stipulation in the contract for an increase in price on any other ground, including the price variation clause, no such increase after the original delivery date shall be admissible on such Services delivered after the said date.
- (3) Nevertheless, the Procuring Entity shall be entitled to the benefit of any decrease in price on account of reduction in or remission of any Tax or duty or any other ground as stipulated in the price variation clause, which takes place after the expiry of the original delivery date.

21 Limit on total Damages

However, deduction on account of damages for delays and performance under this clause of GCC, put together shall be subject to a maximum of 10% (or any other percentage if prescribed) of the entire value of Contract of Services. Penalties/ liabilities outside this clause shall be covered by GCC clause

22 Suspension of Services

22.1 Suspension Ordered by Contract Manager

the contractor shall, on the order of the Contract Manager, suspend the progress of the Services or any part thereof for such time or times and in such manner as the Contract Manager may consider necessary, and shall during such suspension, adequately protect and secure the site and assets so far as is necessary in the opinion of the Contract Manager. If such suspension is -

- 1) Provided for in the contract, or
- 2) Necessary for the proper execution of the Services or because of extraneous conditions or by some default on the part of the contractor and or
- 3) Necessary for the safety of the Services or any part thereof

a. Extension of Time and Compensation

the contractor shall not be entitled to the extra costs, if any, incurred by him during the period of suspension of the service, but in the event of any suspension ordered by the Contract Manager for reasons other than aforementioned and when each such period of suspension exceeds 14 days, the Contract Manager shall extend the time of service for completion of the

Services as he may consider proper, having regard to the period or periods of such suspensions and such compensations as the Contract Manager may consider reasonable in respect of expenses incurred by the contractor during the periods of such suspension.

b. Suspension Lasting More Than 3 Months

If the Contract Manager suspends the Services or any part thereof for more than three months at a time, the contractor may serve a written notice on the Contract Manager requesting permission to proceed with the suspended part(s) of service. If such permission is not granted within 15 days from the receipt thereof, the contractor by further written notice may, treat the suspended part(s) of the service as deleted from the Contract. If the whole of the services has been suspended, he may treat it as a breach of the contract by the Procuring Entity and avail any or all remedies provided in this regard in the contract.

23 Force Majeure

- (1) On the occurrence of any unforeseen event, beyond the control of either Party, directly interfering with the delivery of Services arising during the currency of the contract, such as war, hostilities, acts of the public enemy, civil commotion, sabotage, fires, floods, explosions, epidemics, quarantine restrictions, strikes, lockouts, or acts of God, the affected Party shall, within a week from the commencement thereof, notify the same in writing to the other Party with reasonable evidence thereof. Unless otherwise directed by the Procuring Entity in writing, the contractor shall continue to perform its obligations under the contract as far as reasonably practicable and shall seek all reasonable alternative means for performance not prevented by the Force Majeure event. If the force majeure condition(s) mentioned above be in force for 90 days or more at any time, either party shall have the option to terminate the contract on expiry of 90 days of commencement of such force majeure by giving 14 days' notice to the other party in writing. In case of such termination, no damages shall be claimed by either party against the other, save and except those which had occurred under any other clause of this Contract before such termination.
- (2) Notwithstanding the remedial provisions contained in GCC-clause, none of the Party shall seek any such remedies or damages for the delay and/ or failure of the other Party in fulfilling its obligations under the contract if it is the result of an event of Force Majeure.

24 Prices and Payments

Unless otherwise stipulated in the contract, Prices shall be fixed and firm.

24 Taxes and Duties

- (1) the contractor shall be entirely responsible for all taxes, duties, fees, levies etc., incurred until delivery of the Services to the Procuring Entity. Further instruction, if any, shall be as provided in the SCC.
- (2) If applicable under relevant tax laws and rules, the Procuring Entity shall deduct from all payments and deposit required taxes to respective authorities on account of GST Reverse Charge Mechanism; Tax Deducted at Source (TDS), and Tax Collected at Source (TCS) relating to Income Tax, labour cess, royalty etc.

25 Payment of GST Tax under the contract:

Contractor shall address the bills to SEEPZ SEZ Authority with Zero rated GST

In Under GST, Exports and supplies to SEZ are zero rated as per Section 16 of the IGST Act, 2017. By zero rating it is meant that the entire supply chain of a particular zero-rated supply is tax free i.e., there is no burden of tax either on the input side or on output side. This is in contrast with exempted supplies, where only output is exempted from tax but tax is levied on the input side.

The objective of zero rating of exports and supplies to SEZ is sought to be achieved through the provision contained in Section 16(3) of the IGST Act, 2017, which mandates that a registered person making a zero-rated supply is eligible to claim refund in accordance with the provisions of section 54 of the CGST Act, 2017, under either of the following options, namely: –

- he may supply goods or services or both under bond or Letter of Undertaking, subject to such conditions, safeguards and procedure as may be prescribed, without payment of integrated tax (IGST) and claim refund of unutilised input tax credit of Central tax (CGST), State tax (SGST) / Union territory tax (UTGST) and integrated tax (IGST);

or

- he may supply goods or services or both, subject to such conditions, safeguards and procedure as may be prescribed, on payment of integrated tax and claim refund of such tax paid on goods or services or both supplied.

25.1 Terms and Mode of Payment

- (1) Unless otherwise stipulated, the usual payment term is 100% on delivery and acceptance of Services at 'the Site' by the Procuring Entity and the contractor's production of all required documents.
- (2) The payments shall be made in the manner as per Procuring Entity's payment procedures. Unless otherwise stipulated in the contract, payments above INR 5,000 (or any other threshold specified) to Contractors shall be made through EFT only. The contractor shall give his consent in a mandate form for receipt of payment through NEFT. In case of non-payment through EFT, or where the EFT facility is not available, payment may be released through cheque.

- (3) In Domestic Contracts, payments shall only be made in Indian Rupees. In Global Tenders, payment to foreign bidders shall be made in the currency/ currencies authorized in the contract. However, agency commission and local value addition shall be paid only in Indian Rupees.
- (4) the contractor shall send its claim for payment in writing as per GST compliant Invoice and documents, when contractually due, along with relevant documents etc., as stipulated in Contract and a manner as also specified therein.
- (5) While claiming payment, the contractor is also to certify in the bill that the payment being claimed is strictly in terms of the contract and all the obligations on the part of the contractor for claiming that payment has been fulfilled as required under the contract.

25.2 Withholding and lien in respect of sums claimed:

- (1) Whenever any claim or claims for payment of a sum of money arises against the contractor, out of or under the contract, the Procuring Entity shall be entitled, and it shall be lawful on his part, to withhold and also have a lien to retain such sum or sums, in whole or in part pending finalisation or adjudication of any such claim from -
 - ✓ any security or retention money, if any, deposited by the contractor.
 - ✓ any sum(s) payable till now or hereafter to the contractor under the same Contract or any other contract with the Procuring Entity if the security is insufficient or if no security has been taken from the contractor.
- (2) Where the contractor is a partnership firm or a limited company, the Procuring Entity shall be entitled, and it shall be lawful on his part, 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 capacity or otherwise.
- (3) It is an agreed term of the contract that the sum(s) of money so withheld or retained under the lien referred above shall be kept withheld or retained till the claim arising out of or under the contract is determined under clause GCC
- (4) The contractor shall have no claim for interest or damages whatsoever on any account in respect of such withholding or retention under the lien referred to supra and duly notified as such to the contractor.
- (5) 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 Procuring Entity or Government against any claim of the Procuring Entity or Government in respect of payment of a sum of money arising out of or under any other contract made by the contractor with the Procuring Entity or Government.

25.3 Payments to Contractor

- (1) Time-Based (Inputs admeasurement): Unless instructed in writing by the Procuring entity, payments shall not be made for any extra inputs deployed over and above the Input Deployment Plans (Personnel, equipment, materials etc.) mentioned in the contract. Nevertheless, if such inputs are deployed less than those stipulated, deductions shall be made based on the rates indicated for the inputs (Personnel, equipment, materials etc.) in the contract.
- (2) Unit-Rate (Output admeasurements): Unless otherwise stipulated, payments shall be made every month for the volume of Services rendered during the period.
- (3) Lumpsum: Unless otherwise stipulated, payments shall be made only on completion of Services.
- (4) Percentage (of Value of Transactions): The payment for the total price of Services calculated at the percentage of the actual value of Activities rendered shall be made either every month or on completion of milestones or on completion of entire Services whichever is stipulated in the contract.

25.4 "On-Account" Payments

the contractor shall be entitled to be paid every month (unless otherwise stipulated in the contract) by way of "On-Account" payment, only for such Services, as in the opinion of the Contract Manager, the contractor has executed in terms of the contract during the month. All payments due against the Contract Manager or his representative's certificates of measurements shall be subject to any deductions, which may be made under the contract, always provided that the Contract Manager may by any certificate make any correction or modification in any previous certificate, which he may have issued. The Contract Manager may withhold any certificate if the Services or any part thereof are not being carried out as per the contractual performance standards.

25.5 On Account Payments Not Prejudicial to Final Settlement

"On-Account" payments made to the contractor shall be without any prejudice to the final settlement of the accounts (except where measurements are noted explicitly in the Measurement Book as "Final Measurements" and the contractor has signed it such). They shall in no respect be considered or used as evidence of any facts stated in or to be inferred from such accounts nor of any particular quantity of service having been executed nor of the manner of its execution being satisfactory.

26 Preconditions for Passing the Bills

- (1) the Contract Manager shall ensure and cross-check with all relevant records before passing the bills of the contractor. Upon verification of the records by Procuring Entity, payments can be released to the contractor.
- (2) The contractor shall ensure that Minimum gross wages, including ESI, EPF etc., is paid as per the actuals by the contractor to all workers, and portions to be deposited with the relevant authorities has also been deposited by

- him. If the contractor fails to pay the gross minimum wages, the same shall be informed to the Regional Labour Commissioner.
- (3) the Contract Manager shall ensure that the contractor submits all the relevant records related to statutory obligations and agreement conditions for claiming monthly bills.

27 Completion Certificate and Final payment

27.1 Completion Certificate

Upon a written intimation from the contractor, the Contract Manager shall issue a certificate of completion duly indicating the date of completion after satisfying himself of the following. The Contract Manager may also issue such a certificate indicating the date of completion concerning any part of the service (before the completion of the whole of service), which has been completed to the satisfaction of the Contract Manager:

- (1) that the whole of the Services to be done under the provisions of the contracts have been completed or when any such certificate is given in respect of part of a service, such part shall be considered completed.
- (2) that they have been inspected by him since their completion and found to be in good and substantial order,
- (3) that such completed services have satisfactorily passed any final test or tests that may be prescribed,
- (4) that all properties, works and things, removed, disturbed, or damaged in consequence of the Services have been adequately replaced and
- (5) that the contractor has returned in good condition, all assets loaned or hired from the Procuring Entity and has given a satisfactory account of payments made to or retained by the Procuring Entity for such loaned/hired assets,
- (6) that the contractor has made good and satisfied in conformity with the contract all expenses and demands:
 - a) incurred by or made upon by the Procuring Entity.
 - b) for or in respect of damages or losses from or in consequence of the services.

27.2 Approval Only by Completion Certificate:

No certificate other than completion certificate referred to in sub-clause above shall be deemed to constitute approval of any service or other matter in respect of which it is issued or shall be taken as an admission of the due performance of the contract or any part thereof or of the accuracy of any claim or demand made by the contractor or of additional varied Services having been ordered by the Contract Manager nor shall any other certificate conclude or prejudice any of the powers of the Contract Manager.

27.3 Cessation of Procuring Entity's Liability

After the issue of Completion Certificate, the Procuring Entity shall not be liable to the contractor for any matter arising out of or in connection with the contract for the delivery of the Services, unless the contractor shall have claimed in writing in respect thereof before the issue of the Completion Certificate for service in Contract.

27.4 Unfulfilled Obligations

Notwithstanding the issue of Completion Certificate for service, the contractor and the Procuring Entity shall remain liable for the fulfilment of any obligation incurred under the provision of the contract before the issue of the Completion Certificate for service, which remains unperformed at the time such certificate is issued. The contract shall be deemed to remain in force till the nature and extent of any such obligations are determined.

27.5 Final Payment

Final bill will be accepted only after submission of as built drawings and joint verification of all Quantities, material challans, measurement and Test report at site with Authority/PMC/Contractor Engineers including any penalty as imposed by approving authority on deviation of approved design and drawing.

The contractor shall submit a Final bill on the Contract Manager's certificate of completion regarding the services. The Final payment shall be made as per the following calculations to the contractor after receiving a clear "No Claim Certificate" signed from him:

- (1) the total quantity of service executed by the contractor upto the completion date based on the Contract Manager or his representative's certified measurements.
- (2) priced at the rates in the Price Schedule in the contract and for extra works on rates determined under GCC-clause of these Conditions.
- (3) necessary adjustment for any payments already made or retained
- (4) any deduction which may be made under the contract,
- (5) a complete account of all claims Contractor may have on the Procuring Entity, and the Contract Manager gave a certificate in writing that such claims are correct,

28 No Claim Certificate and Release of Contract Securities

The contractor shall submit a 'No-claim certificate' to the Procuring Entity in such form as shall be required by the Procuring Entity after the Services are finally admeasured and before the final payment/ performance securities are released. The Procuring Entity shall release the contractual securities without any interest if no outstanding obligation, asset, or payments are due from the contractor. The contractor shall not be entitled to make any claim whatsoever against the Procuring Entity under or arising out of this Contract, nor shall the Procuring Entity entertain or consider any such claim, if made by the contractor, after he shall have signed a "No Claim" Certificate in favour of the Procuring Entity. The

Contractor shall be debarred from disputing the correctness of the items covered by the "No Claim" Certificate or demanding a clearance to arbitration in respect thereof.

29 Post Payment Audit

Notwithstanding the issue of Completion Certificate and release of final Payment, the Procuring Entity reserves the right to carry out within 180 days (unless otherwise stipulated in the contract) of such completion/ final payment, a post-payment audit and/ or technical examination of the Services and the final bill including all supporting vouchers, abstracts etc. If any over-payment to the contractor is discovered due to such examination, the Procuring Entity shall claim such amount from the contractor.

30 Signature on Receipts for Amounts

Every receipt for money, which may become payable, or for any security which may become transferable to the contractors, under the contract, shall if signed in the partnership name by any one of the partners of a Contractor's firm, be a suitable and sufficient discharge to the Procuring Entity in respect of the sums of money or security purported to be acknowledged thereby. In the event of death of any contractor, partners during the pendency of the contract, every receipt by anyone of the surviving constituents shall be suitable and sufficient discharge as aforesaid. Nothing in this Clause shall be deemed to prejudice or effect any claim that the Procuring Entity may hereafter have against the legal representative regarding any breach of any contract conditions by any contractor partner/member so dying. Nothing in this clause shall be deemed to prejudice or effect the respective rights or obligations of the contractor partners/ members and the legal representatives of any deceased Contractor partners/ members.

31 Defects Liability Period

- (1) the contractor warrants that the Services have been delivered as per description, scope/ quantum, performance standards and quality outlined in the contract. This Defect Liability shall be in effect for a period of 12 months from the issue of completion certificate by the procuring entity
- (2) The contract shall be deemed alive during this period, even if final payment and/ or Performance Guarantee has been released.
- (3) During the Defects Liability Period, upon discovering any deficiencies in outputs/ outcomes attributable to a shortfall in scope/ quantum, performance standards and quality of the performed Services, the Procuring Entity shall give written notice to the contractor.
- (4) Upon receiving such notice, the contractor shall, within 21 days (or within any other period, if stipulated in the contract), expeditiously remedy or reperform the Services or parts thereof, free of cost, at the site.
- (5) If the contractor, having been notified, fails to rectify/ replace the defect(s) within 21 days (or within any other period, if stipulated in the contract), it

shall amount to breach of Contract, and the Procuring Entity shall proceed to take such remedial action(s) as deemed fit by it as detailed.

32 Payment Against Time-Barred Claims

All claims against the Procuring Entity shall be legally time-barred after three years calculated from the date when the payment falls due unless the payment claim has been under correspondence. The Procuring Entity is entitled to, and it shall be lawful for it to reject such claims.

33 Commissions and Fees

The Service Provider shall disclose any commissions or fees that may have been paid or are to be paid to agents, representatives, or commission agents concerning the selection process or execution and performance of this Contract. The information disclosed must include the name and address of the agent, representative, or commission agent, the amount and currency, and the purpose of the commission or fee in a format similar to Form 1.3 of the Tender Document.

34 Resolution of Disputes

34.1 Disputes and Excepted Matters

All disputes and differences between the parties hereto, as to the construction or operation of this Contract, or the respective rights and liabilities of the parties on any matter in question; or any other account whatsoever, but excluding the Excepted Matters (detailed below); arising out of or in connection with the contract, within thirty (30) days from aggrieved Party notifying the other Party of such matters; whether before or after the completion/ termination of the contract, that cannot be resolved amicably between the Contract Manager and the contractor, shall be hereinafter called the "Dispute". The aggrieved party shall give a 'Notice of Dispute' indicating the Dispute and claims citing relevant Contractual clause to the designated authority requesting for invoking the following dispute resolution mechanism. The Dispute shall be resolved without recourse to courts through dispute resolution mechanisms detailed subsequently, in the sequence as mentioned below, and the next mechanism shall not be invoked unless the earlier mechanism has been invoked or has failed to resolve it within the deadline mentioned therein.

- 1) Adjudication
- 2) Conciliation
- 3) Arbitration

34.2 Excepted Matters

Matters for which provision has been made in any Clause of the contract shall be deemed as 'excepted matters' (matters not disputable/ arbitrable), and decisions of the Procuring Entity, thereon shall be final and binding on the contractor. The 'excepted matters' shall stand expressly excluded from the

purview of the sub-clauses below, including Arbitration. However, where the Procuring Entity has raised the dispute, this sub-clause shall not apply. Unless otherwise stipulated in the contract, excepted matters shall include but not limited to:

- (1) any controversies or claims brought by a third party for bodily injury, death, property damage or any indirect or consequential loss arising out of or in any way related to the performance of this Contract ("Third Party Claim"), including, but not limited to, a Party's right to seek contribution or indemnity from the other Party in respect of a Third-Party Claim.
- (2) Issues related to the pre-award tender process or conditions
- (3) Issues related to ambiguity in Contract terms shall not be taken up after a Contract has been signed. All such issues should be highlighted before the signing of the contract by the contractor.
- (4) Provisions incorporated in the contract, which are beyond the purview of The Procurement Entity or are in pursuance of policies of Government, including but not limited to
 - ✓ Provisions of restrictions regarding local content and Purchase Preference to Local suppliers in terms of Make in India policy of the Government
 - ✓ Provisions regarding restrictions on Entities from Countries having land borders with India in terms of the Government's policies in this regard

34.3 Adjudication

After exhausting efforts to resolve the Dispute with the Contract Manager executing the contract on behalf of the Procuring Entity, the contractor shall give a 'Notice of Adjudication' specifying the matters which are in question, or subject of the dispute or difference indicating the relevant contractual clause, as also the amount of claim item-wise to Head of Procurement or any other authority mentioned in the contract (hereinafter called the "Adjudicator") for invoking resolution of the dispute through Adjudication. During his adjudication, the Adjudicator shall give adequate opportunity to the contractor to present his case. Within 60 days after receiving the representation, the Adjudicator shall make and notify decisions in writing on all matters referred to him. The parties shall not initiate, during the adjudication proceedings, any conciliation or arbitral or judicial proceedings in respect of a dispute that is the subject matter of the adjudication proceedings. If not satisfied by the decision in adjudication, or if the adjudicator fails to notify his decision within the abovementioned time-frame, the contractor may proceed to invoke the process of Conciliation as follows.

34.4 Conciliation of disputes

- (1) Any party may invoke Conciliation by submitting "Notice of Conciliation" to the Head of the Procuring Organisation. Since conciliation is a voluntary process, within 30 days of receipt of "Notice of Conciliation", the Head of the

- Procuring Organisation shall notify a sole Conciliator if the other party is agreeable to enter Conciliation. If the other party is not agreeable to Conciliation, the aggrieved party may invoke Arbitration.
- (2) The Conciliator shall proactively assist the parties to reach an amicable settlement independently and impartially within the terms of Contract, within 60 days from the date of appointment of Conciliator.
 - (3) If the parties reach an agreement on a dispute settlement, they shall draw up a written settlement agreement duly signed by the parties and conciliator. When the parties sign the settlement agreement, it shall be final and binding on the parties. The dispute shall be treated as resolved on the date of such agreement.
 - (4) The parties shall not initiate, during the conciliation proceedings, any arbitral or judicial proceedings in respect of a dispute that is the subject matter of the conciliation proceedings.
 - (5) Termination of Conciliation: Disputes shall remain alive if the conciliation is terminated as follows:
 - ✓ By written declaration of the conciliator, after consultation with the parties, to the effect that further efforts at conciliation are no longer justified, on the date of such declaration; or
 - ✓ By a written declaration of any party to the conciliator to the effect that the conciliation proceedings are terminated, on the date of such declaration; or
 - ✓ If the parties fail to reach an agreement on a settlement of the dispute, within 60 days of the appointment of Conciliator
 - (6) On termination of Conciliation, if the dispute is still alive, the aggrieved party shall be free to invoke Arbitration.

35 Arbitration Agreement

35.1 This Agreement

- (1) This Arbitration Agreement (hereinafter referred to as this “Agreement”) relating to this Contract (hereinafter called the “Main Agreement” for this agreement) is made under the provisions of The Arbitration and Conciliation Act, 1996 as amended from time to time and the rules thereunder (hereinafter called The Arbitration Act). This Agreement shall continue to survive termination, completion, or closure of the Main Agreement for 120 days after that.
- (2) Subject to aforesaid provisions, relevant clauses of the contract shall apply to the appointment of arbitrators and arbitration proceedings under this Agreement.
- (3) The Micro, Small and Medium Enterprises Development (MSMED) Act, 2006 provides parties to a dispute (where one of the parties is a Micro or Small Enterprise) to be referred to Micro and Small Enterprises Facilitation Council if the dispute is regarding any amount due under Section 17 of the MSMED Act, 2006. If a Micro or Small Enterprise, being a party to dispute,

refers to the provisions in MSMED Act 2006, these provisions shall prevail over this Agreement.

35.2 Notice for Arbitration

- (1) Authority to Appoint Arbitrator(s): For this Arbitration Agreement 'The Appointing Authority', to appoint the arbitrator shall be Head of the Procuring Organisation named in the contract and includes if there be no such authority, the officer who is for the time being discharging the functions of that authority, whether in addition to other functions or otherwise.
- (2) In the event of any dispute as per GCC-clause above, if the Adjudicator fails to decide within 60 days or the Conciliation is terminated then, parties to the contract, after 60 days but within 120 days of 'Notice of Dispute' shall request the Appointing Authority through a "Notice for Arbitration" in writing requesting that the dispute or difference be referred to arbitration.
- (3) The "Notice for arbitration" shall specify the matters in question or subject of the dispute or difference indicating the relevant contractual clause, as well as the amount of claim item-wise.

35.3 Reference to Arbitration

After appointing Arbitrator(s), the Appointing Authority shall refer the Dispute to them. Only such dispute or difference shall be referred to arbitration regarding which the demand has been made, together with counter-claims or set off. Other matters shall be beyond the jurisdiction of Arbitrator(s)

35.4 Appointment of Arbitrator

(1) Qualification of Arbitrators:

- ✓ In the case of retired officers of The Procuring organisation, he shall have retired in the rank of Senior administrative grade (or equivalent) and shall have retired at least 1 years prior and must not be over 70 years of age on the date of Notice for arbitration.
- ✓ He/ they shall not have had an opportunity to deal with the matters to which the contract relates or who, in the course of his/ their duties as officers of the Procuring Organisation, expressed views on any or all of the matters under dispute or differences. A certification to this effect (as per Format 1.1.4) shall be taken from Arbitrators. The proceedings of the Arbitral tribunal or the award made by such Tribunal shall, however, not be invalid merely for the reason that one or more arbitrators had in the course of his service, an opportunity to deal with the matters to which the contract relates or who in the course of his/ their duties expressed views on all or any of the matters under dispute.
- ✓ An Arbitrator may be appointed notwithstanding the total no. of arbitration cases in which he has been appointed in the past.

- ✓ Not be other than the person appointed by The Appointing Authority and that if for any reason that is not possible, the matter shall not be referred to arbitration at all.

(2) Replacement of Arbitrators

If one or more of the arbitrators appointed as above refuses to act as arbitrator, withdraws from his office as arbitrator, or in the event of the arbitrator dying, neglecting/ unable or unwilling or refusing to act for any reason, or his award being set aside by the court for any reason, or in the opinion of The Appointing Authority fails to act without undue delay, the Appointing Authority shall appoint new arbitrator/ arbitrators to act in his/ their place in the same manner in which the earlier arbitrator/ arbitrators had been appointed. Such a re-constituted Tribunal may, at its discretion, proceed with the reference from the stage at which it was left by the previous arbitrator (s).

(3) Appointment of Arbitrator:

- ✓ In cases where the total value of all claims in question added together does not exceed Rs 50,00,000/- (Rupees Fifty Lakh only), the Arbitral Tribunal shall consist of sole Arbitrator. For this purpose, The Appointing Authority shall send to the contractor, within 60 days from the day of receipt of a written and valid notice for arbitration, a panel of at least four (4) names of retired officers, duly indicating their retirement dates.
- ✓ The contractor shall be asked to nominate at least two names out of the panel for appointment as his nominee within 30 days from the dispatch date of the request by The Appointing Authority. The Appointing Authority shall appoint at least one out of them as the sole arbitrator within 30 days from the receipt of the names of the contractor's nominees.
- ✓ In cases where the total value of all claims in question added together exceeds Rs 50,00,000/- (Rupees Fifty Lakh only), the Arbitral Tribunal shall consist of three (3) retired Officers of the Procuring Organisation. For this purpose, The Appointing Authority shall send a panel of at least four (4) names of such Officer(s) empanelled to work as Arbitrators duly indicating their retirement date to the contractor within 60 days from the day when a written and The Appointing Authority receives valid demand for arbitration.
- ✓ The contractor shall be asked to nominate at least 2 names out of the panel for appointment as his nominee within 30 days from the dispatch date of the request by The Appointing Authority. The Appointing Authority shall appoint at least one out of them as the contractor's nominee. It shall also simultaneously appoint the balance number of arbitrators either from the panel or outside the panel, duly indicating the 'Presiding Arbitrator' from amongst the 3 arbitrators so appointed, within 30 days from the receipt of the names of Contractor's nominees.
- ✓ If the contractor does not suggest his nominees for the arbitral tribunal within the prescribed timeframe, The Appointing Authority shall proceed for appointment of the arbitral tribunal within 30 days of the expiry of such time provided to the Contractor.

35.5 Failure to appoint Arbitrators.

If The Appointing Authority fails to appoint an arbitrator within 60 (sixty) days, then subject to the survival of this Arbitration Agreement, in international commercial arbitration, the Supreme Court of India shall designate the arbitral institution for the appointment of arbitrators. In case of national arbitrations, the High Court shall designate arbitral institutions. The Arbitration Council of India must have graded these arbitration institutions. These arbitral institutions must complete the selection process within thirty days of accepting the request for the arbitrator's appointment.

35.6 The Arbitral Procedure

- (1) **Effective Date of Entering Reference:** The arbitral tribunal shall be deemed to have entered the reference on the date on which the arbitrator(s) have received notice of their appointment. All subsequent time limits shall be counted from such date.
- (2) **Seat and Venue of Arbitration:** The seat of arbitration shall be the place from which the Letter of Award or the contract is issued. The venue of arbitration shall be the same as the seat of arbitration. However, in terms of section 20 of The Arbitration Act, the arbitrator, at his discretion, may determine a venue other than the seat of the arbitration without in any way affecting the legal jurisdictional issues linked to the seat of the arbitration.
- (3) If the Adjudication and/ or Conciliation mechanisms had not been exhausted before such reference to Arbitration, the Arbitrator should ask the aggrieved party to approach designated authority for such mechanisms before the Arbitration proceedings are started.
- (4) The claimant shall submit to the Arbitrator(s) with copies to the respondent his claims stating the facts supporting the claims along with all the relevant documents and the relief or remedy sought against each claim within 30 days from the date of appointment of the Arbitral Tribunal unless otherwise extension has been granted by Arbitral Tribunal.
- (5) On receipt of such claims, the respondent shall submit its defence statement and counterclaim(s), if any, within 60 days of receipt of the copy of claims, unless otherwise extension has been granted by Arbitral Tribunal.
- (6) No new claim shall be added during proceedings by either party. However, a party may amend or supplement the original claim or defence thereof during arbitration proceedings subject to acceptance by the Tribunal having due regard to the delay in making it.
- (7) Statement of claims, counterclaims and defence shall be completed within six months from the effective reference date.
- (8) Oral arguments to be held on a day-to-day basis: Oral arguments as far as possible shall be heard by the arbitral tribunal on a day-to-day basis, and no adjournments shall be granted without sufficient cause. The arbitrator (s)

- may impose an exemplary cost on the party seeking adjournment without sufficient cause.
- (9) Award within 12 (twelve) months: The arbitral tribunal is statutorily bound to deliver an award within 12 (twelve) months from the date when the arbitral tribunal enters reference. The award can be delayed by a maximum of six months only under exceptional circumstances where all parties consent to such extension of time. The court's approval shall be required for further extension if the award is not made out within such an extended period. During the period of an application for extension of time is awaiting before the court, the arbitrator's proceedings shall continue until the disposal of the application.
- (10) Fast Track Procedure: The parties to arbitration may choose to opt for a fast-track procedure either before or after the commencement of the arbitration. The award in fast-track arbitration is to be made out within six months, and the arbitral tribunal shall be entitled to additional fees. The salient features of the fast-track arbitration are:
- ✓ The dispute is to be decided based on written pleadings only.
 - ✓ Arbitral Tribunal shall have the power to call for clarifications in addition to the written pleadings where it deems necessary.
 - ✓ An oral hearing may be held only if all the parties request or the arbitral tribunal considers it necessary.
 - ✓ The parties are free to decide the fees of the arbitrator(s) for fast-track procedure.
- (11) Powers of Arbitral Tribunal to grant Interim Relief: The parties to arbitration may approach the arbitral tribunal for seeking interim relief on the grounds available under section 9 of the act. The tribunal has the powers of a court while making interim awards in the proceedings before it.
- (12) Confidentiality: As provided in Section 42A of The Arbitration Act, all the details and particulars of the arbitration proceedings shall be kept confidential except in certain situations, like if the disclosure is necessary for the implementation or execution of the arbitral award.
- (13) Obligation During Pendency of Arbitration: Performance of the contract shall, unless otherwise directed by the Procuring Entity, continue during the arbitration proceedings, and no payment due or payable by the Procuring Entity shall be withheld on account of such proceedings, provided; however, it shall be open for Arbitral Tribunal to consider and decide whether or not the performance of the contract or payment therein should continue during arbitration proceedings.

37.7 The Arbitral Award

- (1) In the case of the Tribunal, comprising of three members, any ruling on award shall be made by a majority of members of the Tribunal. In the absence of such a majority, the views of the Presiding Arbitrator shall prevail.

- (2) The arbitral award shall state item-wise the sum and reasons upon which it is based. The analysis and reasons shall be detailed enough so that the award can be inferred from it.
- (3) It is further a term of this arbitration agreement that where the arbitral award is for the payment of money, no interest shall be payable on whole or any part of the money for any period till the date on which the award is made in terms of Section 31 (7) (a) of The Arbitration Act.
- (4) The award of the arbitrator shall be final and binding on the parties to this Contract.
- (5) A party may apply for corrections of any computational errors, typographical or clerical errors, or any other error of similar nature occurring in the award or interpretation of a specific point of the award to the Tribunal within 60 days of receipt of the award.
- (6) A party may apply to the Tribunal within 60 days of receiving the award to make an additional award as to claims presented in the arbitral proceedings but omitted from the arbitral award.

37.8 Savings

The Arbitral Tribunal shall decide any matter related to Arbitration not covered under this Arbitration Agreement as per the provisions of The Arbitration Act.

37.9 Cost of Arbitration and fees of the Arbitrator(s)

- (1) The concerned parties shall bear the cost of arbitration in terms of section 31 (A) of The Arbitration Act. The cost shall inter-alia include fees of the Arbitrator. Further, the fees payable to the Arbitrator shall be governed by instructions issued on the subject by the Procuring Entity and/ or the Government from time to time, in line with the Arbitration and Conciliation Act, irrespective of the fact whether the Arbitrator is appointed by the Procuring Entity or the Government under this clause or by any court of law unless directed explicitly by Hon'ble court otherwise on the matter. A sole arbitrator shall be entitled to a 25% extra fee over such a prescribed fee.
- (2) The arbitrator shall be entitled to a 50 percent extra fee if the award is made within 6 months in terms of provisions contained in section 29(A) (2) of The Arbitration Act.
- (3) Besides the above, Arbitrator shall also be entitled to this extra fee in cases where Fast Track Procedure in terms of section 29 (B) of The Arbitration Act is followed.

38 Termination due to Breach, Default, and Insolvency

38.1 Defaults and Breach of Contract

In case the contractor undergoes insolvency or receivership; neglects or defaults, or expresses inability or disinclination to honour his obligations relating to the performance of the contract or ethical standards or any other obligation

that substantively affects the Procuring Entity's rights and benefits under the contract, it shall be treated as a breach of Contract. Such defaults could include inter-alia:

- (1) Default in Performance and Obligations: if the contractor fails to deliver any or all of the Services or fails to perform any other contractual obligations (including Code of Integrity or obligation to maintain eligibility and Qualifications based on which contract was awarded) within the period stipulated in the contract or within any extension thereof granted by the Procuring Entity.
- (2) Insolvency: If the contractor being an individual or if a firm, any partner thereof, shall at any time, be adjudged insolvent or shall have a receiving order or order for the administration of his estate made against him or shall take any proceeding for composition under any Insolvency Act for the time being in force or make any conveyance or assignment of his effects or enter into any assignment or composition with his creditors or suspend payment or if the firm be dissolved under the Partnership Act, or
- (3) Liquidation: if the contractor is a company being wound up voluntarily, or by order of a Court or a Receiver, Liquidator or Manager on behalf of the Debenture-holders is appointed, or circumstances shall have arisen which entitle the Court or Debenture- holders to appoint a Receiver, Liquidator or Manager

38.2 Notice for Default:

As soon as a breach of contract is noticed, a show-cause 'Notice of Default' shall be issued to the contractor, giving two weeks' notice, reserving the right to invoke contractual remedies. After such a show-cause notice, all payments to the contractor would be temporarily withheld to safeguard needed recoveries that may become due on invoking contractual remedies.

38.3 Terminations for Default

- (1) Notice for Termination for Default: In the event of unsatisfactory resolution of 'Notice of Default' within two weeks of its issue as per sub-clause above, the Procuring Entity, if so decided, shall by written Notice of Termination for Default sent to the contractor, terminate the contract in whole or in part, without compensation to the contractor.
- (2) Such termination shall not prejudice or affect the rights and remedies, including under sub-clause below, which have accrued and/ or shall accrue to the Procuring Entity after that.
- (3) Unless otherwise instructed by the Procuring Entity, the contractor shall continue to perform the contract to the extent not terminated.
- (4) All Defect Liability obligations, if any, shall continue to survive despite the termination.

38.4 Contractual Remedies for Breaches/ Defaults or Termination for Default

If there is an unsatisfactory resolution within this period, the Procuring Entity shall take one; or more of the following contractual remedies.

- 1) Temporary withhold payments due to the contractor till recoveries due to invocation of other contractual remedies are complete.
- 2) Call back any loaned property or advances of payment, if any, with a levy of interest at the prevailing rate (MIBID - Mumbai Interbank Bid Rate).
- 3) Recover liquidated damages and invoke denial clause for delays.
- 4) Encash and/ or Forfeit performance or other contractual securities.
- 5) Prefer claims against insurances, if any.
- 6) Terminate Contract for default, fully or partially including its right for Risk-and-Cost Procurement as per following sub-clause.
- 7) **Risk and Cost Procurement:** In addition to termination for default, the Procuring Entity shall be entitled, and it shall be lawful on his part, to procure Services similar to those terminated, with such terms and conditions and in such manner as it deems fit at the "Risk and Cost" of the contractor. Such Risk and Cost Procurement must be contracted within six months from the breach of Contract. The contractor shall be liable for any loss which the Procuring Entity may sustain on that account provided the procurement, or, if there is an agreement to procure, such agreement is made. The contractor shall not be entitled to any gain on such procurement, and the manner and method of such procurement shall be in the entire discretion of the Procuring Entity. It shall not be necessary for the Procuring Entity to notify the contractor of such procurement. It shall, however, be at the discretion of the Procuring Entity to collect or not the security deposit from the firm/ firms on whom the contract is placed at the risk and cost of the defaulted firm.
Note: Regarding the Services that are not readily available in the market and where procurement difficulties are experienced, the period for making risk procurement shall be nine months instead of six months provided above.
- 8) Initiate proceedings in a court of law for the transgression of a law, tort, and loss, not addressable by the above means.

38.5 Limitation of Liability

Except in cases of criminal negligence or willful misconduct, the aggregate liability of the contractor to the Procuring Entity, whether under the contract, in tort or otherwise, shall not exceed the total Contract Price, provided that this limitation shall not apply to the cost of repairing or replacing defective equipment, or to any obligation of the contractor to indemnify the Procuring Entity concerning IPR infringement.

39 Termination for Default/ Convenience of Procuring Entity and Frustration

39.1 Notice for Determination of Contract

- 1) The Procuring Entity reserves the right to terminate the contract, in whole or in part for its (the Procuring Entity's) convenience or frustration of Contract as per

sub-clause below, by serving written 'Notice for Determination of Contract' on the contractor at any time during the currency of the contract. The notice shall specify that the termination is for the convenience of the Procuring Entity or the frustration of the contract. The notice shall also indicate inter-alia, the extent to which the contractor's performance under the contract is terminated, and the date with effect from which such termination shall become effective.

- 2) Such termination shall not prejudice or affect the rights and remedies accrued and/ or shall accrue after that to the Parties.
- 3) Unless otherwise instructed by the Procuring Entity, the contractor shall continue to perform the contract to the extent not terminated.
- 4) All Defect Liability obligations, if any, shall continue to survive despite the termination.
- 5) The Services and incidental goods/ works that can be delivered or performed within thirty days after the contractor's receipt of the notice of termination shall be accepted by the Procuring Entity as per the contract terms. For the remaining Services and incidental goods/ works, the Procuring Entity may decide:
 - a) To get any portion of the balance completed and delivered at the contract terms, conditions, and prices; and/ or
 - b) To cancel the remaining portion of the Services and incidental goods/ works and compensate the contractor by paying an agreed amount for the cost incurred by the contractor, if any, towards the remaining portion of the Services and incidental goods/ works.

39.2 Frustration of Contract

- (1) Notice of Frustration Event: Upon a supervening cause occurring after the effective date of the contract, including a change in law, beyond the control of either party whether as a result of the Force Majeure clause or within the scope of section 56 of the Indian Contract Act, 1872, that makes it impossible to perform the contract within a reasonable timeframe, the affected party shall give a 'Notice of Frustration Event' to the other party giving justification. The parties shall use reasonable efforts to agree to amend the contract, as may be necessary to complete its performance. However, if the parties cannot reach a mutual agreement within 60 days of the initial notice, the Procuring Entity shall issue a 'Notice for Determining the contract' and terminate the contract due to its frustration as in the sub-clause above.
- (2) However, the following shall not be considered as such a supervening cause
 - a) Lack of commercial feasibility or viability or profitability or availability of funds
 - b) if caused by either party's breach of its obligations under this Contract or failure to act in good faith or use commercially reasonable due diligence to prevent such an event.

39.3 Closure of Contract

The contract shall stand closed upon

- 1) successful performance of all obligations by both parties, including completion of Defect Liability obligations and final payment.
- 2) termination and settlements after that, if any, as per GCC clause above.

40 Make in India Order

Orders issued by the Government of India regarding eligibility to participate and for purchase preference to “Local Suppliers” to encourage 'Make in India' and promote manufacturing and production of goods and services in India shall apply.

40.1 Eligibility Restrictions based on Reciprocity.

If so stipulated in the Tender Document, entities from such countries identified as not allowing Indian companies to participate in their Government procurement shall not be allowed to participate on a reciprocal basis in this tender. The term entity of a country shall have the same meaning as under the FDI Policy of DPIIT as amended from time to time.

**SECTION 8 – SPECIAL CONDITIONS OF
CONTRACT(SCC)**

The following Special Conditions of Contract (SCC) shall supplement the General Conditions of Contract (GCC). Whenever there is a conflict, the provisions herein shall prevail over those in the GCC.

Ref. GCC	Subject	Data
1.2	Employer's name and address	Development Commissioner, SEEPZ-SEZ, Mumbai Postal Address: SEEPZ SEZ, MIDC Central Road, Andheri East, Mumbai 400096. E-Mail: dcseepz-mah@nic.in Landline: 022-28294728/29
1.2	PMC	WAPCOS Ltd.
10.6.1	Time for Completion	06 Months from date of Work Order issued
33	Defects Liability Period	12 months from the date of completion.
12.3	Engineer's Duties and Authority	Variations resulting in an increase of the accepted contract amount in excess of 10 % shall require approval of the Employer. Agency to submit their revised rate above 10% within 7 days of exceeding quantities.
7.1	Performance Security	The performance security will be in the form of an unconditional bank guarantee of 5 % of the awarded of contract amount(s)
—	Facilities, Utilities to be provided by Procuring Entity	The site shall be handed over by the SEEPZ SEZ Authority without any hindrance for accessibility. Co-ordination and support for the statutory compliances shall be provided by the SEEPZ SEZ Authority. Financial Inputs for the components not factored in i.e. royalties and statutory fees shall be paid by the SEEPZ SEZ Authority.
2.0	Contractor's Obligations	The Contractor shall take possession of site and provide barrication as per site requirement. The Contractor shall obtain design approvals, commencement certificate (CC) prior to the initiation of the execution works from the Special Planning Authority (SPA) i.e. Maharashtra Industrial Development Corporation (MIDC), Pollution Control board, Fire department in consultation

		with the trade representatives of the SEEPZ SEZ. Statutory payment for the same shall be borne by SEEPZ SEZ Authority.
18.0	Delay damages for the Works	0.1 % of the contract price per day, in the currencies and proportions in which the Contract Price is payable.
-	Maximum amount of delay damages	10 % of the Contract Price.
	Recovery for Non deployment of proposed key personnel	50,000/- p.m for Project Manger 40,000/- p.m. for Lead Civil Engineer 40,000/- p.m. for Lead MEP Engineer 25,000/- p.m for Supervisor/ Junior Engineer
7.5	Percentage of Retention	5 %
7.5	Limit of Retention Money	5 % of the Accepted Contract Amount.
36	Date by which the Dispute Board shall be appointed	28 days after the Commencement
37	Place of Arbitration	Mumbai
38	Integrity pact	Bidder to sign & submit as given in appendix 4
-	Contractors All Risk Insurance Policy	Bidder should comply to all risk insurance during execution of work.

SECTION 9 - CONTRACT FORMS

Appendix-1
Notification of Award

..... date.

To: *Name and address of the contractor*

Subject: *Notification of Award Contract No.*

This is to notify you that your Bid dated *date* for execution of the . . .
.....*name of the contract and identification number, as given in the Bid Data*
Sheet for the Accepted Contract Amount of the equivalent of
.....*amount in words and figures and name of currency*, as corrected
and modified in accordance with the Instructions to Bidders is hereby accepted
by our Agency.

You are requested to furnish the Performance Security within 28 days in
accordance with the Conditions of Contract, using for that purpose the
Performance Security Form included in Section 9 (Contract Forms) of the
Bidding Document.

Authorized Signature:

Name and Title of Signatory:

Name of Agency:

APPENDIX 2 CONTRACT AGREEMENT

THIS AGREEMENT made theday of,, between *name of the employer*. (hereinafter “the Employer”), of the one part, and *name of the contractor*. (hereinafter “the Contractor”), of the other part:

WHEREAS the Employer desires that the Works known as *name of the contract*. should be executed by the Contractor, and has accepted a Bid by the Contractor for the execution and completion of these Works and the remedying of any defects therein.

The Employer and the Contractor agree 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. The following documents shall be deemed to form and be read and construed as part of this Agreement. This Agreement shall prevail over all other Contract documents.
 - (a) RFP
 - (b) Letter of Acceptance,
 - (c) Letter of Transmittal
 - (d) Special Conditions of Contract
 - (e) General Conditions of Contract,
 - (f) Specifications,
 - (g) Drawings,
 - (h) Any other documents shall be added here.³
 3. In consideration of the payments to be made by the Employer to the Contractor as indicated in this Agreement, the Contractor hereby covenants with the Employer to execute the Works and to remedy defects therein in conformity in all respects with the provisions of the Contract.
 4. The Employer hereby covenants to pay the Contractor in consideration of the execution and completion of the Works and the remedying of defects therein, the Contract Price or such other sum as may become payable under the provisions of the Contract at the times and in the manner prescribed by the Contract.
-

IN WITNESS whereof the parties hereto have caused this Agreement to be executed in accordance with the laws of *name of the borrowing country*. . . .on the day, month and year indicated above.

Signed by
by

Signed

for and on behalf of the Employer
in the presence of

for and on behalf the Contractor
in the presence of

Witness, Name, Signature, Address, Date
Address, Date

..... Witness, Name, Signature,

APPENDIX-3

Bank Guarantee Format for Performance Security

To
Development Commissioner, SEEPZ- SEZ, Mumbai
Postal Address: SEEPZ SEZ, MIDC Central Road,
Andheri East, Mumbai 400096.

Whereas..... (name and address of the contractor) (hereinafter called "the contractor") has undertaken, in pursuance of contract no date..... to delivery (description of Services) (hereinafter called "the contract").

And Whereas you have stipulated it in the said contract that the contractor shall furnish you with a bank guarantee by a Commercial bank for the sum specified therein as security for compliance with its obligations as per the contract;

And Whereas we have agreed to give the contractor such a bank guarantee.

Now Therefore we hereby affirm that we are guarantors and responsible to you, on behalf of the contractor, up to a total of(amount of the guarantee in words and figures), and we undertake to pay you, upon your first written demand declaring the contractor to be in default under the contract and without cavil or argument, any sum or sums within the limits of (amount of guarantee) as aforesaid, without your needing to prove or to show grounds or reasons for your demand or the sum specified therein. We hereby waive the necessity of your demanding the said debt from the contractor before presenting us with demand.

We further agree that no change or addition to or other modification of the terms of the contract to be performed thereunder or of any of the contract documents which may be made between you and the contractor shall in any way release us from any liability under this guarantee, and we hereby waive notice of any such change, addition, or modification.

This guarantee shall be valid until theday of20.....
Our.....branch at.....*(Name & Address of the*(branch) is liable to pay the guaranteed amount depending on the filing of a claim and any part thereof under this Bank Guarantee only and only if you serve upon us at our* branch a written claim or demand and received by us at our* branch on or before Dt..... otherwise, the bank shall be discharged of all liabilities under this guarantee after that.

(Signature of the authorized officer of the Bank)

.....
.....

Name and designation of the officer

.....

Seal, name & address of the Bank and address of Branch

*Preferably at the headquarters of the authority competent to sanction the expenditure for procurement of goods/ service or at the concerned district headquarters or the state headquarters.

APPENDIX-4(A)
CONSENT LETTER FOR INTEGRITY PACT

To,

Development Commissioner, SEEPZ- SEZ, Mumbai
Postal Address: SEEPZ SEZ, MIDC Central Road,
Andheri East, Mumbai 400096.

Sub: Integrity Pact for “Interior Works of Customs Import Export Facilitation Centre at Ground Floor of Standard Design Factory (SDF)-08 at Seepz-Sez, Andheri (E), Mumbai, Maharashtra”

Dear Sir,

I/We acknowledge that ,, 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 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, 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,

Date:

(Signature, name and
designation of the Authorized
signatory)

Place:

Name and seal of Bidder

APPENDIX-4(B) INTEGRITY PACT

Tender Document No.

Tender No./ xxxx;

Tender Title: “Interior Works of Customs Import Export Facilitation Centre at Ground Floor of Standard Design Factory (SDF)-08 at Seepz-Sez, Andheri (E), Mumbai, Maharashtra”

This Agreement (hereinafter called the Integrity Pact) is made on _____ day of the month of _____ 202__ at _____, India.

BETWEEN

Procuring Organisation, ----- through Head of the Procuring Organisation, for and on behalf of President of India (hereinafter called the “The Principal”, which expression shall mean and include unless the context otherwise requires, his successors in office and assigns) of the First Part

AND

M/ s. _____ (hereinafter called the “The Bidder/ Contractor” which expression shall mean and include, unless the context otherwise requires, his successors and permitted assigns) of the Second Part.

PREAMBLE

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

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

Section 1 - Commitments of the ‘The Principal’

(1) ‘The Principal’ commits itself to take all measures necessary to prevent corruption and to observe the following principles: -

- a. No employee of the Principal, personally or through family members, shall in connection with the tender for, or the execution of a contract, demand,

take a promise for or accept, for self or third person, any material or immaterial benefit which the person is not legally entitled to.

b. The Principal shall, during the tender process, treat all Bidder(s) with equity and reason. The Principal shall in particular, before and during the tender process, provide to all Bidder(s) the same information and shall 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 shall exclude from the process all known prejudiced persons.

(2) If the Principal obtains information on the conduct of any of its employees, which is a criminal offence under the IPC/ PC Act, or if there be a substantive suspicion in this regard, the Principal shall inform the Chief Vigilance Officer and in addition, can initiate disciplinary actions.

Section 2 - Commitments of the 'Bidder/ Contractor'

(1) The 'Bidder/ Contractor' commit themselves to take all measures necessary to prevent corruption. The 'Bidder/ Contractor' commit themselves to observe the following principles during participation in the tender process and during the contract execution.

a. The 'Bidder/ Contractor' shall not, directly or through any other person or firm, offer, promise, or give to any of the Principal's employees involved in the tender process or the execution of the contract, or to any third person any material or other benefit which he 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/ Contractor' shall not enter with other Bidders into any undisclosed agreement or understanding, whether formal or informal. This applies in particular to prices, specifications, certifications, subsidiary contracts, submission or non-submission of bids or any other actions to restrict competitiveness or to introduce cartelisation in the tender process.

c. The 'Bidder/ Contractor' shall not commit any offence under the relevant IPC/ PC Act; further, the 'Bidder/ Contractor' shall not use improperly, for purposes of competition or personal gain, or pass on to others, any information or document provided by the Principal as part of the business relationship, regarding plans, technical proposals, and business details, including information contained or transmitted electronically.

d. The 'Bidder/ Contractor' of foreign origin shall disclose the name and address of the Agents/ representatives in India if any. Similarly, the Bidder/ Contractors of Indian Nationality shall furnish the name and address of the foreign principals, if any. Further details as mentioned in the "Guidelines on Indian Agents of Foreign Suppliers" shall be disclosed by the Bidder/ Contractor. Further, as mentioned in the Guidelines, all the payments made to the Indian agent/ representative have to be in Indian Rupees only. Copy of the "Guidelines on Indian Agents of Foreign Suppliers" is placed in Appendix to this agreement.

- e. The 'Bidder/ Contractor' shall, when presenting their bid, disclose any and all payments made, is committed to, or intends to make to agents, brokers, or any other intermediaries in connection with the award of the contract.
 - f. Bidder/ Contractor who have signed the Integrity Pact shall not approach the Courts while representing the matter to IEMs and shall wait for their decision in the matter.
- (2) The 'Bidder/ Contractor' shall not instigate third persons to commit offences outlined above or be an accessory to such offences.

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

If the 'Bidder/ Contractor', before award or during execution, has committed a transgression through a violation of Section 2, above or in any other form such as to put their reliability or credibility in question, the Principal is entitled to disqualify the 'Bidder/ Contractor' from the tender process or take action as per the procedure mentioned in the "Guidelines on Banning of business dealings".

Section 4 - Compensation for Damages

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

Section 5 - Previous transgression

- (1) Bidder declares that no previous transgressions occurred in the last three years with any other Company in any country conforming to the anti-corruption approach or with any Public Sector Enterprise in India that could justify his exclusion from the tender process.
- (2) If Bidder makes an incorrect statement on this subject, he can be disqualified from the tender process, or action can be taken as per the procedure mentioned in "Guidelines on Banning of business dealings".

Section 6 - Equal treatment of all Bidders/ Contractors/ Subcontractors

- (1) In the case of Sub-contracting, the Principal Contractor shall take responsibility for the adoption of the Integrity Pact by the Sub-contractor.
- (2) The Principal shall enter into agreements with identical conditions as this one with all Bidders and Contractors.
- (3) The Principal shall disqualify from the tender process all bidders who do not sign this Pact or violate its provisions.

Section 7 - Criminal charges against violating Bidder(s)/ Contractor(s)/ Subcontractor(s)

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

Section 8 - Independent External Monitor

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

(2) The Monitor is not subject to instructions by the representatives of the parties and performs his functions neutrally and independently. The Monitor would have access to all Contract documents whenever required. It shall be obligatory for him/her to treat the information and documents of the Bidders/ Contractors as confidential. He/ she reports to the Head of the Procuring Organisation.

(3) The Bidder(s)/ Contractor(s) accepts that the Monitor has the right to access without restriction to all Project documentation of the Principal, including that provided by the contractor. The contractor shall also grant the Monitor, upon his request and demonstration of a valid interest, unrestricted and unconditional access to their project documentation. The same is applicable to Sub-contractors.

(4) The Monitor is under contractual obligation to treat the information and documents of the Bidder/ Contractor(s)/ Sub-contractor(s) with confidentiality. The Monitor has also signed declarations on 'Non-Disclosure of Confidential Information' and of 'Absence of Conflict of Interest'. In case of any conflict of interest arising at a later date, the IEM shall inform the Head of the Procuring Organisation and recuse himself/ herself from that case.

(5) The Principal shall provide to the Monitor sufficient information about all meetings among the parties related to the Project provided such meetings could have an impact on the contractual relations between the Principal and the contractor. The parties offer the Monitor the option to participate in such meetings.

(6) As soon as the Monitor notices, or believes to have noticed, a violation of this agreement, he shall so inform the Management of the Principal and request the Management to discontinue or take corrective action, or to take other relevant action. The monitor can, in this regard, submit non-binding recommendations. Beyond this, the Monitor has no right to demand from the parties that they act in a specific manner, refrain from action, or tolerate action.

(7) The Monitor shall submit a written report to the Head of the Procuring Organisation within 8 to 10 weeks from the date of reference or intimation to him by the Principal and, should the occasion arise, submit proposals for correcting problematic situations.

(8) If the Monitor has reported to Head of the Procuring Organisation, a substantiated suspicion of an offence under relevant IPC/ PC Act, and Head of

the Procuring Organisation has not, within the reasonable time, taken visible action to proceed against such offence or reported it to the Chief Vigilance Officer, the Monitor may also transmit this information directly to the Central Vigilance Commissioner.

(9) The word 'Monitor' would include both singular and plural.

Section 9 - Pact Duration

This Pact begins when both parties have legally signed it. It expires for the contractor 12 months after the last payment under the contract and for all other Bidders 6 months after the contract has been awarded. Any violation of the same would entail disqualification of the bidders and exclusion from future business dealings.

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

Section 10 - Other provisions

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

For and on behalf of the Principal

(Name of the Officer and Designation)
(Office Seal)

For and on behalf of 'Bidder/ Contractor.'

(Name of the Officer and Designation)
(Office Seal)

For and on behalf of the Principal

Place

Date

Witness 1:

(Name & Address)

Witness 2:

(Name & Address)



CHECK LIST


S.No.	Details of Enclosure	Yes/No	Page No
1	<p>Must be Indian Registered Company under Companies Act 1956/ Public or corporation, registered with the appropriate government authority as Proprietorship/ Limited company/ Private limited company/ LLP/ Partnership/ and shall be in the Construction business for at least last 5 years.</p> <p>Supporting Documents Copy of the incorporation / registration certificate clearly indicating the nature of business.</p>		
2	Letter of Technical Proposal.		
3	Organization details.		
4	<p>Blacklisting /Non-Conviction</p> <p>Bidder should not be blacklisted/ debarred by any government/ semi government department/ PSU as on last date of submission of tender.</p> <p>Bidder should submit the declaration of not being ineligible for corrupt or fraudulent practices as on last date of submission of tender..</p>		
5	<p>Litigation.</p> <p>PENDING LITIGATION AND ARBITRATION against the Bidder</p>		
6	Understanding of Project site.		
<u>7</u>	<u>Average Annual Turnover</u>		
<u>8</u>	<u>Solvency.</u>		
<u>9</u>	<u>Similar Work Experience</u>		
<u>10</u>	<u>Key personnel's and their qualification</u>		
Appendix No.	Details of Enclosure		
1	NOTIFICATION OF AWARD		
2	CONTRACT AGREEMENT		


3	BANK GUARANTEE FORMAT FOR PERFORMANCE SECURITY		
4(A)	Consent letter of Integrity Pact		
4(B)	Integrity pact		
Sl. No	Others Documents		
1	Original Authorization Letter to sign the Tender.		
2	Proof of Payment for EMD.		
3	Copies GST, PAN, ESIC, EPFO		





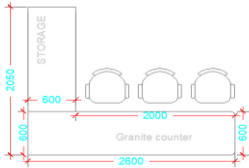
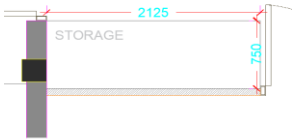
SIGNATURE OF BIDDER(S)

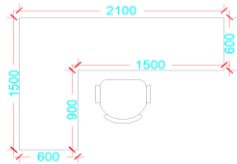
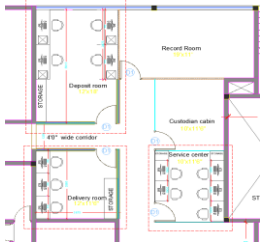





Sr. No	Item and Description	Location	Unit of Measure
	CIVIL WORK		
	AAC Block Work		
1.01	Providing and laying autoclaved aerated (cellular) cement blocks masonry with 100 mm thick Grade-1AAC blocks of density 551 to 650 kg/cum conforming to IS 2185 part (3) in cement mortar 1:4 (1 cement : 4 coarse sand) including RCC stiffeners. The rate includes providing and placing in position 2 Nos 6 mm dia M.S. bars at every third course of masonry work, racking of joints, scaffolding and curing,etc. completed as directed by Engineer-in-Charge..	Unit 1,2,3 &4	CUM
	CEMENT PLASTER		
1.02	CEMENT PLASTER (IN COARSE SAND 12 mm cement plaster : 1:6 (1 cement: 6 coarse sand)Providing and applying 12 mm thick internal plaster in one coat in cement mortar 1:6 at all heights and locations for masonry (except stone masonry) and concrete surfaces including racking out joints, hacking of concrete surface, watering, finishing, curing, scaffolding etc. complete.	Unit 1,2,3 &4	SQM
	GYPSUM Wall Putty for DRY ARES		
1.03	Providing and applying plaster of paris putty of 2 mm thickness over plastered surface to prepare the surface even and smooth complete.	Unit 1,2,3 &4	SQM
	Granite Door/Window Jambs		
1.04	Providing and fixing 18 mm thick gang saw cut, mirror polished, premoulded and prepolished, machine cut for kitchen platforms, vanity counters, window sills, facias and similar locations of required size, approved shade, colour and texture laid over 20 mm thick base cement mortar 1:4 (1 cement : 4 coarse sand), joints treated with white cement, mixed with matching pigment, epoxy touch ups, including rubbing, curing, moulding and polishing to edges to give high gloss finish etc. complete at all levels. Granite stone slab colour black, Cherry/Ruby red / Similar Area of slab over 0.50 sqm	Toilet, Pantry, window jambs AHU, security table top, sealing table top, window counter top	SQM
1.05	Extra for providing opening of required size & shape for wash basin/ kitchen sink in kitchen platform, vanity counter and similar location in marble/ Granite/ stone work, including necessary holes for pillar taps etc. including moulding, rubbing and polishing of cut edges etc. complete.	Wash Basin Counter	Each
	Water Proofing		
1.06	Providing and laying water proofing treatment in sunken portion of WCs, bathroom etc., by applying cement slurry mixed with water proofing cement compound consisting of applying : (a) First layer of slurry of cement @ 0.488 kg/sqm mixed with water proofing cement compound @ 0.253 kg/ sqm. This layer will be allowed to air cure for 4 hours. (b) Second layer of slurry of cement @ 0.242 kg/sqm mixed with water proofing cement compound @ 0.126 kg/sqm. This layer will be allowed to air cure for 4 hours followed with water curing for 48 hours. The rate includes preparation of surface, treatment and sealing of all joints, corners, junctions of pipes and masonry with polymer mixed slurry.	Water Proofing for Toilet Block	SQM
	Steel Work		
1.07	Steel work welded in built up sections/ framed work, including cutting, hoisting, fixing in position and applying a priming coat of approved steel primer using structural steel etc. as required. In partition wall, gratings, frames, guard bar, ladder, railings, brackets, gates and similar works	Strong Room wall	Kg
	Strong Room Gate		
1.08	Providing and fixing fire resistant strong room door with frame and grill gate made up with 10 mm thick alloy steel plate of over all size 2065mmx1020mm (front frame), 1985x940 mm (rear frame), clear opening of 1880 mm x 775 mm with shutter thickness 128 mm and lock thickness 62 mm, fully welded multi corner bend construction without rivet. Door frame will be one piece, rivet less fully welded frame construction formed into a box-jamb providing a rebate for bolts, locking arrangement of two nos superior quality 8 levers, dual control, brass body, brass levers actuated by phosphor bronze springs. and Single shutter Grill gate as per drawing with front size 2110 x 1055 mm, clear opening of 1980x925 mm with one no. 8 lever dual control key lock operable from both side,painted finish(TA Gray) all complete including welding etc. with existing MS section as directed by Engineer In-charge.	Strong Room Gate	each
1.09	Single shutter Grill gate as per drawing with front size 2110 x 1055 mm, clear opening of 1980x925 mm with one no. 8 lever dual control key lock operable from both side,painted finish(TA Gray)	Strong Room Gate	each
	FLOORING		
1.1	Providing and laying Vitrified tiles in floor in different sizes (thickness to be specified by the manufacturer) with water absorption less than 0.08% and conforming to IS:15622, of approved brand & manufacturer, in all colours and shade, laid on 20 mm thick cement mortar 1:4 (1 cement: 4 coarse sand) jointing with grey cement slurry @3.3 kg/sqm including grouting the joints with white cement and matching pigments etc. The tiles must be cut with the zero chipping diamond cutter only. Laying of tiles will be done with the notch trowel, plier, wedge, clips of required thickness, levelling system and rubber mallet for placing the tiles gently and easily. Double charge vitrified tile polished finish of minimum Size of Tile 600 x 600 mm	Office Flooring	SQMT
1.11	Providing and laying Vitrified tiles in floor in different sizes (thickness to be specified by the manufacturer) with water absorption less than 0.08% and conforming to IS:15622, of approved brand & manufacturer, in all colours and shade, laid on 20 mm thick cement mortar 1:4 (1 cement: 4 coarse sand) jointing with grey cement slurry @3.3 kg/sqm including grouting the joints with white cement and matching pigments etc. The tiles must be cut with the zero chipping diamond cutter only. Laying of tiles will be done with the notch trowel, plier, wedge, clips of required thickness, levelling system and rubber mallet for placing the tiles gently and easily. Glazed Vitrified tiles Matt/Antiskid finish of size of Tile Size of Tile 600 x 600 mm	Toilet Flooring	SQMT

	DADO		
1.12	Providing and fixing 1st quality ceramic glazed wall tiles/vitrified tiles conforming to IS: 15622 (thickness to be specified by the manufacturer)/vitrified tiles, of approved make, in all colours, shades except burgundy, bottle green, black of any size as approved by Engineer-in-Charge, in skirting, risers of steps and dados, over 12 mm thick bed of cement mortar 1:3 (1 cement : 3 coarse sand) and jointing with grey cement slurry @ 3.3kg per sqm, including pointing in white cement mixed with pigment of matching shade complete. Size of Dado Tile 600 x 300 mm.	All Toilet / Pantry Dado	SQMT
	SKIRTING -		
1.13	Providing and laying Vitrified tiles in different sizes (thickness to be specified by manufacturer), with water absorption less than 0.08 % and conforming to I.S. 15622, of approved make, in all colours & shade, in skirting, riser of steps, over 12 mm thick bed of cement mortar 1:3 (1 cement: 3 coarse sand), jointing with grey cement slurry @ 3.3 kg/ sqm including grouting the joint with white cement & matching pigments etc. complete. Double charge vitrified tile polished finish	Vitrified skirting at Unit 1,2,3&4	SQM
1.14	Aluminium Skirting : Supply and Fixing 75mm (SKP002) High Aluminium Skirting in Black Anodised Matt shade, with 12mm thick ply backing of Bottom Line or equivalent make with Aluminium capping strip as per manufactures specification or as directed etc. complete. (Versatile Ventures) The skirting shall be fixed as per details & Architects instructions. Skirting shall have Ply backing with Screw type.	Aluminium Skirting for Partion walls	Rmt
	MIRROR		SQMT
1.15	Providing & fixing of 6mm thick mirror with a backing of 6mm thick marine ply with necessary wooden support. Panelling to be formed out of 6mm thick float mirror of approved make, with edge polished and should be without any defects, waves / undulations, etc., shall be fixed on 6mm ply backing held as per details. Cove to be provided wherever light provision is shown in the drawing and 6 mm L anodize profile around the mirror to hold the mirror. inclusive of metal frame 25X25mm hollow metal frame with metallic powder coating as per drawing. Mirror size as per drawing.	Toilet & handwash area	SQMT
	GYPSWALL PARTITION		
1.16	Providing and fixing partition upto ceiling height consisting of G.I. frame and required board, including providing and fixing of frame work made of special section power pressed/ roll form G.I. sheet with zinc coating of 120 gms/sqm(both side inclusive), consisting of floor and ceiling channel 50mm wide having equal flanges of 32 mm and 0.50 mm thick, fixed to the floor and ceiling at the spacing of 610 mm centre to centre with dash fastener of 12.5 mm dia meter 50 mm length or suitable anchor fastener or metal screws with nylon plugs and the studs 48 mm wide having one flange of 34 mm and other flange 36 mm and 0.50 mm thick fixed vertically within flanges of floor and ceiling channel and placed at a spacing of 610 mm centre to centre by 6 mm dia bolts and nuts, including fixing of studs along both ends of partition fixed flush to wall with suitable anchor fastener or metal screws with nylon plugs at spacing of 450 mm centre to centre, and fixing of boards to both side of frame work by 25 mm long dry wall screws on studs, floor and ceiling channels at the spacing of 300 mm centre to centre. The boards are to be fixed to the frame work with joints staggered to avoid through cracks, M.S. fixing channel of 99 mm width (0.9 mm thick having two flanges of 9.5 mm each) to be provided at the horizontal joints of two boards, fixed to the studs using metal to metal flat head screws, including jointing and finishing to a flush finish with recommended jointing compound, jointing tape, angle beads at corners (25 mm x 25 mm x 0.5 mm), joint finisher and two coats of primer suitable for board as per manufacture's specification and direction of engineer in charge all complete. 75 mm overall thickness partition with 12.5 mm thick double skin fire rated Glass Reinforced Gypsum (GRG) plaster board conforming to IS: 2095: part 3 (Board with BIS certification marks) NOTE: The partition to have additional supports required for general cut outs on surface level and above the false ceiling level for all services related and also to have support required of 12mm thk ply backing for TV location and associated works should be treated and closed after services work. The partition above ceiling to be closed after the completion of MEP services and associated works. All the holes or gaps around the services line (HVAC, Fire pipes, Electrical) to be closed with Smoke and Acoustic spray (Hilti CP 572)	Gypsum Partition	SQMT
	Glass Partition (50x25)		
1.17	Supply & Installation of Full Height Glass Partitions systems of 50 x 25mm thick section on all four sides for the partitions using profiles as verticals at the solid partition junction & Horizontals at top & at bottom with snap on option for installing glass from FFL upto 2900mm. Rate include supply & Installation of 12 mm thk toughened glass with butt joint profile (T , L , I) bonded with double sided adhesive tapes for glass to glass butt joints. (frame colour to be as per design like anodized Silver / black etc).	Glass Partition	SQMT
1.18	Supply 3M Crystal Glass Film of Frost / Privacy / Digital Film for Glass Partitions. Application height shall be at 700mm from the floor level up to 1500mm & length as per glass partition as per approved sample by architect.	Glass Film	SQMT
	PANELING		
1.19	Fabricating and fixing of 12mm Ply on to the existing partition (+ 25 to 50mm projection to be consider with 50X25mm aluminium frame work) and 4mm thick natural veneer with uniform pattern shall be fixed and finished with approved Melamine polish. To have necessary grooves / Aluminium or anodized finished Profile ('C' profile or 'T' Profile as per requirement) as per details. To be in proper line and level as per details. (Veneer -Rs. 120 per sqft.)	Veneer paneling - 9 seater meeting Room	SQMT
1.2	Providing & fixing single layer 12mm thk ply with laminate finish on existing wall & partition inclusive all necessary hardware. Should consider upto 50mm Projection with 50mmX25mm Aluminium frame work, as per Architectural Design. Including all materials labour,finishing etc complete (Laminate -Rs. 1500 per sheet.)	Laminte paneling - 9 seater meeting Room	SQMT
	MDF Paneling and Wooden planks over it		
1.21	Providing and fixing MDF panelling on existing partition / wall (Projection of panelling to be consider +25mm. to 50 mm from the existing partition / wall / glazing using 50 X25 mm frame , including facia on the niches made out of aluminum framing 50mm x 25mm fixed on existing partition/wall with 12mm thick MDF fixed to the frame work and grooved & Niche pattern as indicated & including all hardware etc. complete. Rate to include the correction to be done to the existing surface to maintain the desired line of the panelling. Approved wooden planks shall be fixed over the MDF panelling it. (Wooden Planks -Rs. 250 per sqft.)	In meeting room & S.O. 	SQMT
	LACQUERED Glass panelling		
1.22	Fabricating and fixing of LACQUERED painted glass panelling in the meeting room. 8mm Ply shall be fixed on the existing partition. 8mm thick approved lacquered glass shall be fixed along with Aluminium or anodized finished Profile all around the glass Edges ('C' profile or 'T' Profile as per requirement) as per details to the base layer with suitable 3M double side tape as per detail and including all hardware's etc., complete as per architects approval. (Glass shade as approved by the Architect). - this will use from 1800 mm height and above (LPG-Rs. 280 per sqft.)	For meeting room 	SQMT
	Acoustic CHROMA / PRISM paneling		

1.23	SUPPLY & Fixning OF 4 mm thk Ply backing on existing partition/wall AND CONTINUUM make 12mm CNC GROOVED SCREENS CHROMA / PRISM SERIES ACOUSTIC PANELS for reducing and controlling Reverberated noise with a NRC of 0.5, Panel Composition 100% PET to be minimum 50% Recycled PET with LOW VOC which addresses life cycle impacts such as Toxicity. Size of Panel 1220 x 2440 with thickness of 12mm , weight 2300 gsm, Density 195 kg/m3. Acoustic NRC 0.40 for Direct Fixing on Wall, 0.50 with a 14 mm AirGap, 0.6 with a 24 mm Air Gap. To be used for Wall Panelling, Wall Screens and Ceiling Panels. (Acoustic-Rs. 250 per sqft.)	01&03 	Unit- SQMT
1.24	CURTAIN BLINDS - Providing and Fixing Rollar Blinds AMI Make or approved make & shade of 38 mm round Aluminium channel with Blackout fabric & telting with chain (Ball) system with all necessary fixtures and fitting etc. complete. (Sample to be final by Engineer In-charge prior execution of work) (Rollar Blinds -Rs. 100 per sqft.)		SQM
	Pelmet - Size 150mm x 450mm ht		
1.25	Providing and fixing of pelmet made of 18 mm commercial Ply finished with laminate of approved shade as per details and Architect's instructions. Pelmet to the fixed to the true ceiling/closest structural support with salwood supports as per directions. Rate to include necessary cut-outs to accommodate AC grills, Electrical cut-outs as per details. To have necessary grooves and to be fixed with necessary sealant as per architects instructions. Pelmet to accommodate blinds as per details. Neat joint to be achieved between the Gyp ceiling and the Pelmet.		Rmt
	WALL AND CEILING PAINT FINISHES		
1.26	ACRYLIC EMULSION PAINT - Wall painting with premium acrylic emulsion paint of interior grade, having VOC (Volatile Organic Compound) content less than 50 grams/ litre of approved brand and manufacture, including applying additional coats wherever required to achieve even shade and colour. Two Coats	for walls and partitions	SQM
	Exposed slab paint (ENAMEL SATIN FINISHED PAINT)		
1.27	Providing and applying blackout paint (Matt Finish) 2 coats - Syncoat Synthetic Enamel for the services area on the existing ceiling in the Cafeteria; having quality of quick drying, gloss / matt, durability & covering. The paint to be used for various types of surfaces like wood, metals, etc. All surfaces to be painted should be thoroughly cleaned and free from grease, loose flake coating, etc. The surface should be prime with appropriate primer like syncoat redoxide primer or zinc chrome primer. Rate to include cost for supplying and erecting scaffolding	Exposed slab	SQM
	PLAIN GYP BOARD CEILING		
1.28	Providing and fixing false ceiling at all height including providing and fixing of frame work made of special sections, power pressed from M.S. sheets and galvanized with zinc coating of 120 gms/sqm (both side inclusive) as per IS : 277 and consisting of angle cleats of size 25 mm wide x 1.6 mm thick with flanges of 27 mm and 37mm, at 1200 mm centre to centre, one flange fixed to the ceiling with dash fastener 12.5 mm dia x 50mm long with 6mm dia bolts, other flange of cleat fixed to the angle hangers of 25x10x0.50 mm of required length with nuts & bolts of required size and other end of angle hanger fixed with intermediate G.I. channels 45x15x0.9 mm running at the spacing of 1200 mm centre to centre, to which the ceiling section 0.5 mm thick bottom wedge of 80 mm with tapered flanges of 26 mm each having lips of 10.5 mm, at 450 mm centre to centre, shall be fixed in a direction perpendicular to G.I. intermediate channel with connecting clips made out of 2.64 mm dia x 230 mm long G.I. Providing and fixing false ceiling at all height including providing and fixing of frame work made of special sections, power pressed from M.S. sheets and galvanized with zinc coating of 120 gms/sqm (both side inclusive) as per IS : 277 and consisting of angle cleats of size 25 mm wide x 1.6 mm thick with flanges of 27 mm and 37mm, at 1200 mm centre to centre, one flange fixed to the ceiling with dash fastener 12.5 mm dia x 50mm long with 6mm dia bolts, other flange of cleat fixed to the angle hangers of 25x10x0.50 mm of required length with nuts & bolts of required size and other end of angle hanger fixed with intermediate G.I. channels 45x15x0.9 mm running at the spacing of 1200 mm centre to centre , to which the ceiling section 0.5 mm thick bottom wedge of 80 mm with tapered flanges of 26 mm each having lips of 10.5 mm, at 450 mm centre to centre, shall be fixed in a direction perpendicular to G.I. intermediate channel with connecting clips made out of 2.64 mm dia x 230 mm long G.I. wire at every junction, including fixing perimeter channels 0.5 mm thick 27 mm high having flanges of 20 mm and 30 mm long, the perimeter of ceiling fixed to wall/partition with the help of rawl plugs at 450 mm centre, with 25mm long dry wall screws @ 230 mm interval, including fixing of gypsum board to ceiling section and perimeter channel with the help of dry wall screws of size 3.5 x 25 mm at 230 mm c/c, including jointing and finishing to a flush finish of tapered and square edges of the board with recommended jointing compound , jointing tapes , finishing with jointing compound in 3 layers covering upto 150 mm on both sides of joint and two coats of primer suitable for board, all as per manufacturer's specification and also including the cost of making openings for light fittings, grills, diffusers, cutouts made with frame of perimeter channels suitably fixed, all complete as per drawings, specification and direction of the Engineer in Charge but excluding the cost of painting with : 12.5 mm thick tapered edge gypsum plain board conforming to IS: 2095- (Part I) :2011 (Board with BIS certification marks	Gypsum Ceiling for unit- 1,2,3 & 4	SQM

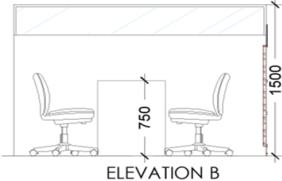
1.29	Providing and fixing new 9mm PVC laminated false ceiling suspended with the frame work and accessories completed from the roof slab, beams etc. by means of aluminum angles, J bolts, Tee runners and edge trim etc., cutting the openings for fixing light fittings, including cost of materials, labours, lead and lift finishing etc. complete as per specification.	Toilet Ceiling for unit-1,2,3 & 5	SQM
	Wooden baffle ceiling Veneer finish	Specified officer room	
1.3	Providing and fixing wooden ceiling with framework in 50mm X 25mm approved Aluminium section @ 600mm c/c both ways suspended from RCC slab. 12mm Ply shall be fixed to the frame work and 4mm veneer fixed to the base layer and finished with melamine polish as per drawings. Top of the panel to be treated with anti-termite treatment and finished with 1 coat of approved colour paint. Rate to be inclusive of all kinds of profiles and cut outs required for light fixtures, Speakers, Smoke detector, trap doors and AC grill in the ceiling. Wooden framework as per requirement & 150mm depth with cove provision to be consider. Plan area to be considered for measurement, verticals will not be paid separately. (Veneer -Rs. 120 per sqft.)		SQM
	Vinyl Graphics		
1.31	Vinyl Graphics: Graphic will be in High resolution print media on 3M Wall Décor Litegrade vinyl with matt lamination. IMAGE / Draft Design as per Architects design. 3M Warranty - 5 Years (Vinyl Graphics -Rs. 180 per sqft.)		SQM
1.32	Providing and laying in position ready mixed or site batched design mix cement concrete for plain cement concrete work; using coarse aggregate and fine aggregate derived from natural sources, Portland Pozzolana/Ordinary Portland /Portland Slag cement, admixtures in recommended proportions as per IS: 9103 to accelerate / retard setting of concrete, to improve durability and workability without impairing strength; including pumping of concrete to site of laying, curing, carriage for all leads; but excluding the cost of centering, shuttering and finishing as per direction of the engineer-in-charge; for the following grades of concrete. Concrete of M20 grade with minimum cement content of 270 kg /cum	AHU Foundation and under flooring for raceway	cum
1.33	Centering and shuttering including strutting, propping etc. and removal of form for Foundations, footings, bases of columns, etc. for mass concrete		sqm



Sr. No	Item and Description	Image	Unit of Measure	Location
2.01	<p>STORAGE CABINATE Providing & fixing of Storage cabinet, made of 18mm thick commercial plywood of approved make on storage top & all outer sides & surfaces (all visible area) shall be finished with 1mm thick laminate mat finish as per approved sample . All other finishes shall be done as per detail drawings and as per instructions of architect. Sides & bottom shall be made of 18 mm thick plywood & back side shall be made of 12mm thick plywood, intermediate shelf loose or fixed shall be made of 18mm thick plywood.The inside shall be finished with 1mm thick laminate Self top & bottom surface shall be finished with edge banding tape of similar color. The cabinet has group locks soft close auto hinges and telescopic soft close channels for drawers as per design . The work shall be measured base on area of front elevation of each storage unit. The rate to include all materials, labour, transport, taxes, delivered and placed in position at site of work. As per approved hardware list.</p>		Numbers	SR.AO -1,2,3,4,5,6,7,8,9, custodian cabin, Diamond testing room
2.02	<p>STORAGE CABINATE : AUDIT CABIN Providing & fixing of Storage cabinet, made of 18mm thick commercial plywood of approved make on storage top & all outer sides & surfaces for the open shelves (all visible area) shall be finished with 1mm thick laminate mat finish as per approved sample. Cabinet Shutters to be finished with 1mm thick approved laminate as per selection. All other finishes shall be done as per detail drawings and as per instructions of architect. There are open shelves in the middle and cupboards on it's end . Sides & bottom shall be made of 18 mm thick plywood & back side shall be made of 12mm thick plywood, intermediate shelf shall be made of 12mm thick plywood.The inside shall be finished with 1mm thick laminate. Self top & bottom surface shall be finished with edge bonding tape of similar colo. The shutters has group locks, hinges, stopper, magnate and telescopic soft close channels for drawers as per design. The work sh+B6:B7all be measured base on area of front elevation of each storage unit. The rate to include all materials, labour, transport, taxes, delivered and placed in position at site of work. As per approved hardware list.</p>		Numbers	Audit Cabin 1& 2
2.03	<p>STORAGE CABINATE: IN S.O. ROOM Providing & fixing of Storage cabinet, made of 18mm thick commercial plywood of approved make on storage top & all outer sides & surfaces (all visible area) shall be finished with 1mm thick laminate mat finish as per approved sample . All other finishes shall be done as per detail drawings and as per instructions of architect. Sides & bottom shall be made of 18 mm thick plywood & back side shall be made of 12mm thick plywood, intermediate shelf loose or fixed shall be made of 18mm thick plywood.The inside shall be finished with 1mm thick laminate Self top & bottom surface shall be finished with edge banding tape of similar color. The cabinet has group locks soft close auto hinges and+B8 telescopic soft close channels for drawers as per design . The work shall be measured base on area of front elevation of each storage unit. The rate to include all materials, la+B6:B7bour, transport, taxes, delivered and placed in position at site of work. As per approved hardware list.</p>		Numbers	SPECIFIED OFFICER ROOM
2.04	<p>STORAGE CABINATE : PASSAGE AREA Providing & fixing of Storage cabinet, made of 18mm thick commercial plywood of approved make on storage top & all outer sides & surfaces for the open shelves (all visible area) shall be finished with 1mm thick laminate mat finish as per approved sample. Cabinet Shutters to be finished with 1mm thick approved laminate as per selection. All other finishes shall be done as per detail drawings and as per instructions of architect. There are open shelves in the middle and cupboards on it's end . Sides & bottom shall be made of 18 mm thick plywood & back side shall be made of 12mm thick plywood, intermediate shelf shall be made of 12mm thick plywood.The inside shall be finished with 1mm thick laminate. Self top & bottom surface shall be finished with edge bonding tape of similar colour. The shutters has group locks, hinges, stopper, magnate and telescopic soft close channels for drawers as per design. The work shall be measured base on area of front elevation of each storage unit. The rate to include all materials, labour, transport, taxes, delivered and placed in position at site of work. As per approved hardware list.</p>		Numbers	STORAGE CABINATE
2.05	<p>TABLE :SECURITY GUARD Table top : . Providing and fixing 18mm thk granite top as per drawings . Tabletop shall be supported by a frame of 18 mm thick plywood. The height of table shall be 750mm. Table sides, back & intermediate panels made from 18 mm thick ply wood finished with 1mm laminate for exposed surfaces (4 faces) and 1 mm thick laminate for inner surfaces shall be provided as per drawing. Footrest members shall be provided as per the design. All edges to be finished with edge banding tape as per drawing and instruction of Architect, work to be Completed For the side storage the top shall be of 18mm thk granite as shown in drawing. Sides & bottom shall be made of 18 mm thick plywood & back side shall be made of 12mm thick plywood, intermediate shelf loose or fixed shall be made of 18mm thick plywood.The inside shall be finished with 1mm thick laminate. Self top & bottom surface shall be finished with edge banding tape of similar color. The cabinet has group locks soft close auto hinges and telescopic soft close channels for drawers as per design . The work shall be measured base on area of front elevation of each storage unit. The rate to include all materials, labour, transport, taxes, delivered and placed in position at site of work. As per approved hardware list.</p>		Numbers	TABLE :SECURITY GUARD
2.06	<p>STORAGE : SECURITY CABIN Providing & fixing of Storage cabinet with 18mm thk granite top as per drawings . Tabletop shall be supported by a frame of 18 mm thick plywood. The height of table shall be 750mm & all outer sides & surfaces (all visible area) shall be finished with 1mm thick laminate as per approved make & color. All other finishes shall be done as per detail drawings and as per instructions of architect. Sides & bottom shall be made of 18 mm thick plywood & back side shall be made of 12mm thick plywood, intermediate shelf loose or fixed shall be made of 18mm thick plywood.The inside shall be finished with 1mm thick laminate. Self top & bottom surface shall be finished with edge banding tape of similar color. The cabinet has group locks soft close auto hinges and telescopic soft close channels for drawers as per design . The work shall be measured base on area of front elevation of each storage unit. The rate to include all materials, labour, transport, taxes, delivered and placed in position at site of work. As per approved hardware list.</p>		Numbers	STORAGE : SECURITY CABIN


2.07	<p>SEALING COUNTER: Table top : . Providing and fixing 18mm thk granite top as per drawings . Tabletop shall be supported by a frame of 18 mm thick plywood. The height of table shall be 750mm. Table sides, back & intermediate panels made from 18 mm thick ply wood finished with 1mm laminate for exposed surfaces (4 faces) and 1 mm thick laminate for inner surfaces shall be provided as per drawing. Footrest members shall be provided as per the design. All edges to be finished with edge banding tape as per drawing and instruction of Architect, work to be Completed</p> <p>For the side storage the top shall be of 18mm thk granite as shown in drawing Sides & bottom shall be made of 18 mm thick plywood & back side shall be made of 12mm thick plywood, intermediate shelf loose or fixed shall be made of 18mm thick plywood.The inside shall be finished with laminate. Self top & bottom</p>		Numbers	SEALING COUNTER:
2.08	<p>TABLE : Dimensions: The table linear dimensions shall be referred from the architectural drawings..</p> <p>Table top : It shall be made from 18 mm thick plywood with 1mm laminate matt finish with necessary intermediate support. Table sides & intermediate panels made from 18 mm thick plywood finished with 1mm thick laminate for all visible surfaces . No drawers provided. Tables to have keyboard tray wherever specified. Footrest members shall be provided. All internal surface will have min. 1 mm thick balancing laminate. All edges to be provided & fixed with teak wood tipping patti finished with melamine polish.As per drawing and instruction of Architect, work to be Completed.The work shall be measured per unit &shall be paid for including of all materials, labour, transportation, taxes of all kind etc complete. As per approved hardware list.</p>		Numbers	DEPOSITE ROOM .DELIVERY ROOM , WORKSTATION CENTER
2.09	<p>STORAGE CABINATE: LAMINATE Providing & fixing of Storage cabinet, made of 18mm thick commercial plywood of approved make on storage top & all outer sides & surfaces (all visible area) shall be finished with 1mm thick laminate as per approved colour. Cabinet Shutters to be finished with 1mm thick approved laminate as per selection. All other finishes shall be done as per detail drawings and as per instructions of architect. Sides & bottom shall be made of 18 mm thick plywood & back side shall be made of 12mm thick plywood, intermediate shelf loose or fixed shall be made of 18mm thick plywood.The inside shall be finished with 1mm thick laminate. Self top & bottom surface shall be finished with edge banding tape of similar color. The cabinet has group locks soft close auto hinges and telescopic soft close channels for drawers as per design . The work shall be measured base on area of front elevation of each storage unit</p>		Numbers	DEPOSITE ROOM .DELIVERY ROOM
2.1	<p>The scope of work includes providing and fixing solid flush doors with a thickness of 38mm, finished with 1mm thick laminate on both sides matt finish in the approved color and shade as directed by the Architect as per the architectural drawing. The doors will be categorized into two types: D1 (1m wide- single leaf door) and D3 (2m wide - double leaf door). Door frames will be fabricated from plywood, with all visible surfaces finished with 1mm thick laminate matt finish as per selection. Additionally, a fixed panel will be installed above the door, extending 2.4 meters in height and finished on both sides with 1mm thick laminate matt finish as per selection, reaching up to the exposed true ceiling. A groove will run along the sides of the door and the fixed panel, in accordance with the architectural drawings. The adjacent glass partition will be embedded in the door frame to ensure structural support and sturdiness. The doors will be fitted with four heavy-duty hinges , floor springs, approved locks, handles, door closer, knobs, and other hardware, all pre-approved by the architect and as per the make specified in the material list. The contractor is responsible for ensuring that all installations align with the approved finishes and specifications for smooth operation and durability.</p>		Numbers	D1 and D3 DOORS FOR CABIN ENTRANCES AND UNIT ENTRANCES
2.11	<p>The scope of work includes providing and fixing solid flush doors with a thickness of 38mm, finished with 1mm laminate on both sides as per the approved color and shade as directed by the Architect and as per the architectural drawing. The doors will be categorized as D7 (1m wide- single leaf door). Door frames will be fabricated from plywood, with all visible surfaces finished with 1mm laminate on all visible areas as per the approved color and shade as directed by the Architect. Additionally, a fixed panel will be installed above the door, extending 2.4 meters in height and finished on both sides with 1mm laminate, reaching up to the exposed true ceiling. A groove will run along the sides of the door and the fixed panel, in accordance with the architectural drawings. The adjacent glass partition will be embedded in the door frame to ensure structural support and sturdiness. The doors will be fitted with four heavy-duty hinges , floor springs, approved locks, handles, door closer, knobs, and other hardware, all pre-approved by the architect and as per the make specified in the material list. The contractor is responsible for ensuring that all installations align with the approved finishes and specifications for smooth operation and durability.</p>		Numbers	D7 for Server rooms, Record rooms, Delivery, Deposit, Custodian rooms, Anit Chamber etc
2.12	<p>Providing and fixing 38mm thk water resistant solid flush doors with both side laminate as per approved colour and make.for Toilets The doors will be categorized as D2 (0.85 m wide- single leaf door) and D4 (0.9m wide- single leaf door) Should including Granite frame of 100 X 50mm including heavy duty hinges, approved handle / knobs with lock etc. complete as per the directions of Architect.(1mm Laminate Rs. 1800 per Sheet)</p>		Numbers	Unit- 1,2,3 & 4 D2 DOORS FOR WC ENTRY D4 DOORS FOR TOILET MAIN ENTRY
2.13	<p>Providing and fixing 38mm thk solid flush doors with both side laminate as per approved colour and make for AHU room. The doors will be categorized as D5 (0.80 m wide- single leaf door) Should including woodern frame of 100 X 50mm including heavy duty hinges, approved handle / knobs with lock etc. complete as per the directions of Architect. (1mm Laminate Rs. 1800 per Sheet)</p>		Numbers	Unit- 1,2,3 & 4 AHU Rooms-D5

2:14	<p>Fire rated door (1.00 x2.4m)</p> <p>Providing and fixing 2 hours fire rated door of Godrej or equivalent make. Refer architecture drawing for the detail demension. 45 mm thick fully flush, door shell with lock seam joints at stile edges made from 1.25 mm thick galvanized steel sheet including door frames made from 1.6 mm thick galvanized steel sheet formed to rebate profile of size 143 mm x 57mm as per manufacturer's instructions, door frames and shutter primed with Zinc Phosphate stoving Primer and finished with Polyurethane Aliphatic grade or epoxy paint including ironmongery consisting of stainless steel ball bearing butt hinges 3 mm thick fixed flush to the frame and shutter, full width horizontal handles (panic bar), concealed flush bolts, door closers, other standards fixtures and fasteners, etc. complete for the following clear opening sizes:</p>		Numbers	Unit 01 & Lobby area
2:15	<p>SWING DOOR : Providing and fixing 38mm thk solid flush swing doors with both side laminate as per approved colour and make for security room at entry. The doors will be categorized as D6 (2.0 m wide- double leaf door) Should including woodem frame of 100 X 50mm including heavy duty hinges, approved handle / knobs with lock etc. complete as per the directions of Architect.</p>		Numbers	Security Room

Sr. No	Type	Image	Item	Unit	Location
2.16	L SHAPE CABIN TABLE		<p>Dimensions : 1800(W)x 1600(D)x 760mm(H)</p> <p>Providing in position Officer's modular table of sizes mentioned.</p> <p>Manufacturer : Boss's Cabin / Space wood / Godrej / Nikamal Edge or equivalent . Wire Management : Powder coated Switch mounting box below table top. Provision of vertical duct / snake to take out cable from floor to box. Modesty 450 MM HT.: Metal powder coated finish modesty panel .</p> <p>Access Flap : Access flap with powder coated finish with soft close . Side Credenza : 2 D & 1 FD With 1 Openable Shutter finish in 25 / 18 mm thk. Prelaminated PB board 2mm PVC Edge band to all Exposed Area & Metal Drawer with Centralized Lock.</p>	Numbers	SR.AO -1,2,3,4,5,6,7,8,9, custodian cabin, Diamond testing room
2.17	L SHAPE CABIN TABLE		<p>Dimensions : 2300(W)x 1600(D)x 760mm(H)</p> <p>Providing in position Officer's modular table of sizes mentioned.</p> <p>Manufacturer : Boss's Cabin / Space wood / Godrej / Nikamal Edge or equivalent . Wire Management : Powder coated Switch mounting box below table top. Provision of vertical duct / snake to take out cable from floor to box. Modesty 450 MM HT.: Metal powder coated finish modesty panel .</p> <p>Access Flap : Access flap with powder coated finish with soft close . Side Credenza : 2 D & 1 FD With 1 Openable Shutter finish in 25 / 18 mm thk. Prelaminated PB board 2mm PVC Edge band to all Exposed Area & Metal Drawer with Centralized Lock.</p>	Numbers	Audit cabin-1 & 2
2.18	Open Cubicle Table		<p>Dimensions : 1400(W)x 650(D)x 750mm(H)</p> <p>Providing in position Officer's modular table of sizes mentioned.</p> <p>Manufacturer : Boss's Cabin / Space wood / Godrej / Nikamal Edge or equivalent . Wire Management : Powder coated Switch mounting box below table top. Provision of vertical duct / snake to take out cable from floor to box. Modesty 450 MM HT.: Metal powder coated finish modesty panel .</p> <p>Access Flap : Access flap with powder coated finish with soft close . Side Credenza : 2 D & 1 FD With 1 Openable Shutter finish in 25 / 18 mm thk. Prelaminated PB board 2mm PVC Edge band to all Exposed Area & Metal Drawer with Centralized Lock.</p>	Numbers	Units 2-3-4 and PA Desk
2.19	Specified office table		<p>Dimensions : 2950(W)x 2400(D)x 750mm(H)</p> <p>Providing in position Officer's modular table of sizes mentioned.</p> <p>Manufacturer : Boss's Cabin / Space wood / Godrej / Nikamal Edge or equivalent . Wire Management : Powder coated Switch mounting box below table top. Provision of vertical duct / snake to take out cable from floor to box. Modesty 450 MM HT.: Metal powder coated finish modesty panel .</p> <p>Access Flap : Access flap with powder coated finish with soft close . Side Credenza : 2 D & 1 FD With 1 Openable Shutter finish in 25 / 18 mm thk. Prelaminated PB board 2mm PVC Edge band to all Exposed Area & Metal Drawer with Centralized Lock.</p>	Numbers	SO Cabin
2.2	SIDE PEDESTAL UNDER THE TABLE		<p>PEDESTAL : 2 D & 1 FD pedestal with castor finish in 18 mm thk. Prelaminated PB board 2mm PVC Edge band to all Exposed Area & Metal Drawer with Centralized Lock. Manufacturer : Boss's Cabin / Space wood / Godrej / Nikamal Edge or equivalent</p>	Numbers	In Cabins
2.21	OPEN CUBICAL MODULAR UNIT-STORAGE UNIT WITH PLANTERS BOX		<p>STORAGE UNIT WITH PLANTER BOX - 1500ht</p> <p>Providing & fixing of Storage cabinet is made of 18mm thick commercial plywood of approved make for storage top & made of 18mm thick plywood for all outer sides & surfaces (all visible area) shall be finished 1mm laminate for exposed surfaces (4 faces) and 0.8 mm thick laminate for inner surfaces shall be provided as per drawing. The design is a seamless one, and the shutters has 10mm niche, to open the cupboard. On top of the storage cabinet planter of 200 mm ht made of 18mm thk plywood with laminate finish of approved color and make for all the outer size shall be provided which is open from the top . The 100mm skirting is applied of same finish as of the cupboard at the base . All other finishes shall be done as per detail drawings and as per instructions of architect. Sides & bottom shall be made of 18 mm thick plywood & back side shall be made of 12mm thick plywood, intermediate shelf loose or fixed shall be made of 18mm thick plywood. The inside shall be finished with 0.8mm laminate. Edge Banding for Panels and Shutters shall be provided of similar color and finish.</p> <p>The cabinet has group locks and soft close auto hinges. The work shall be measured base on area of front elevation of each storage unit. The rate to include all materials, labour, transport, taxes, delivered and placed in position at site of work. As per approved hardware list.</p>	Numbers	Unit- 02 & 04
2.22	OPEN CUBICAL MODULAR UNIT-STORAGE UNIT WITHOUT PLANTER BOX		<p>STORAGE UNIT WITHOUT PLANTER BOX -1300ht</p> <p>Providing & fixing of Storage cabinet, made of 18mm thick commercial plywood of approved make on storage top & made of 18mm thick plywood all outer sides & surfaces (all visible area) shall be finished 1mm laminate for exposed surfaces (4 faces) and 0.8 mm thick laminate for inner surfaces shall be provided as per drawing. The design is a seamless one, and the shutters has niche to open the cupboard . The 100mm skirting is applied at the base for a finished look, and it is made of plywood with laminate finish to match the cabinet. All other finishes shall be done as per detail drawings and as per instructions of architect. Sides & bottom shall be made of 18 mm thick plywood & back side shall be made of 12mm thick plywood, intermediate shelf loose or fixed shall be made of 18mm thick plywood. The inside shall be finished with laminate. Edge Banding for Panels and Shutters shall be provided of similar color and finish. The cabinet has group locks and soft close auto hinges. The work shall be measured base on area of front elevation of each storage unit. The rate to include all materials, labour, transport, taxes, delivered and placed in position at site of work. As per approved hardware list.</p>	Numbers	Unit- 01 & 03

2.23	PARTITION BETWEEN OPEN CUBICALS		<p>PARTITION BETWEEN OPEN CUBICALS:</p> <p>Dimensions :</p> <p>Height- 1500mm , 25mm thick plywood</p> <p>Materials:</p> <p>Plywood: 1200mm height (From ground)</p> <p>Glass: 300mm height (at the top of the partition)</p> <p>Finish: Laminate finish for the plywood surface</p> <p>Frame: For glass panel, a sturdy aluminium frame</p> <p>Design: Seamless finish with a uniform appearance across both cubicles</p> <p>Providing and fixing of a 10mm thk clear tempered glass secured with aluminium frame of 20mm thk on all the 3 sides is fitted on 25 mm thk plywood. The plywood is of 1200mm ht with laminate finish. Surfaces (all visible area) shall be finished 1mm laminate for exposed surfaces (4 faces) shall be provided as per drawing. Edge Banding for Panels shall be provided of similar color and finish. The glass shall be fitted with screw, brackets, u channels, rubber gaskets. The work shall be measured base on area of front elevation of each storage unit. The rate to include all materials, labour, transport, taxes, delivered and placed in position at site of work. As per approved hardware list.</p>	Numbers	Unit- 1,2,3 & 4
2.4	EXAMINER TABLE		<p>Dimensions : 2000(W)x 900(D)x 750mm(H). Glass of 300 mm height is embaded into the middle of the table as per design</p> <p>Providing in position Examination table of sizes mentioned. Manufacturer : Boss's Cabin / Space wood / Godrej / Nilkamal Edge or equivalent . Wire Management : Powder coated Switch mounting box below table top. Provision of vertical duct / snake to take out cable from floor to box.</p> <p>Modesty 450 MM HT.: Metal powder coated finish modesty panel . Access Flap : Access flap with powder coated finish with soft close . Side Credenza : 2 D & 1 FD With 1 Openable Shutter finish in 25 / 18 mm thk. Prelaminated PB board 2mm PVC Edge band to all Exposed Area & Metal Drawer with Centralized Lock.</p>	Numbers	Examination Room
2.25	MEETING ROOM TABLE		<p>Dimensions : 3200(W)x 1200(D)x 750mm(H)</p> <p>Providing in position Meeting room table of sizes mentioned. Manufacturer : Boss's Cabin / Space wood / Godrej / Nilkamal Edge or equivalent . Wire Management : Continuous single tier raceway finish in Powder coating with provision of electrical leg / vertical duct at intermediate distance to take out cable from floor to raceway. Access Flap : Access flap with powder coated finish with soft close .</p>	Numbers	MEETING ROOM TABLE







Sr. No	Image	Item	Location
2.26		Supply and installation of High Back Office Chair 'Product Details: High Back Office Chair Item Code: GRETA2.0 Seat Material: Fabric Arm Type: Adjustable Arm Warranty: 1 Year Height Adjustable : Yes Brand: Godrej, the Sleep Company, featherlite or equivalent Back Type: High Back Color: Standard Colours Seat Height Adjustable - Yes Back Rest Adjustable - Yes Frame Material- Mild Steel Chair Width: 76 Size - 76 x 113-123 x 76 Is It Rotatable- Rotatable Chair Depth: 76 Weight Capacity: 119.8 Is It Foldable- Non Foldable Headrest Available: Yes Wheels Included: Yes Active Bio Synchro Armrest- Height, Depth and Swivel adjustability of the armrest offers the optimum arm support for all body Country of Origin- Made in India	Unit 01,02,03 & 04
2.27		Supply and installation of Office Guest Chairs Product Details: Item Code: GodrejOxboVC Frame Material- Mild Steel Seat Material- Fabric Material- Fabric Arm Type- With Armrest, Fixed Back Type- Mesh Back Brand- Godrej, the Sleep Company, featherlite or equivalent Model Name/Number- GodrejOxboVC Size- 61.0 CM x 93.5 CM x 64.5 CM x 46.5 CM Usage/Application- Office Chair Type- Mesh	Unit 01,02,03 & 04 Cabins, Cubicles, meeting room
2.28		Supply and installation of Mild Steel Free Standing Unit Mobile Compactor as per Specification for record room-1, Brand Name: Kompres / Godrej or equivalent	Record Room - 1
2.29		Supply and installation of Mild Steel Free Standing Unit Mobile Compactor as per Specification for record room-2 Brand Name: Kompres / Godrej or equivalent	Record Room - 2
2.3		Supply and installation of Designer 4 Seater Sofa : Velvet Tuxedo Arm Sofa Leg Material: Solid Wood. Design: Standard. Weight Capacity: 750 lb. Overall: 30" H x 82" W x 32" D Seat: 18" H x 64" W x 23" D Back Height - Seat to Top of Back: 12" Leg Height - Top to Bottom: 5" Brand: GKW retail / IKEA / Godrej or equivalent	Unit - 02 & 04 Waiting area
2.31		Supply and installation of Designer Sofa Set:- Modern Puffy Sectional Design Luxury Furniture Sofa Set Material: Synthetic Leatherette, Style: Sectional Sofa, Modern Regional Style: European style, Appearance: Modern, Inflatable: No, Type: 3+2+1 Sofa Set +1 bench + Center table Place of Origin: India, Brand Name: Brand: GKW retail / IKEA / Godrej or equivalent Feature: Adjustable (other), High-class Color: Customized, Package: 1PC/CTNS, Fabric color: Option,	Unit - 04 Main cabin
2.32		Supply and installation of Kharkov Sheesham Wood 2 Seater Cafe Table Set In Provincial Teak Finish Brand :- Woodsworth from Pepperfry or equivalent Assembly:- Carpenter Assembly Colour:- Provincial Teak Primary Material:- Sheesham Wood Seating Height:- 19 Warranty:- 2 years	Anti Chamber room





2.33	 A tall, narrow industrial shelving unit made of dark metal. It has five horizontal shelves and is supported by two vertical beams. The unit is shown against a plain white background.	<p>Supply and installation of Industrial Slotted Angle Rack ,powdered coated</p> <p>Materiall : Stainless Steel</p> <p>Application : Commercial</p> <p>System Configuration - 1300(W) X 400(D) X 2100(H), 100kg udl/level, Loading</p> <p>Levels - 05 Nos</p> <p>Main Domestic Market:All India</p> <p>Brand Name: SWASTIK STEEL / GODREJ or equivalent</p>	<p>Unit-01</p> <p>Strong Room</p>
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SR. NO	Description of the item	UNIT
	DB & Switchgear	
	Supplying and Fixing Following way, Single Pole and Neutral, Sheet Steel, MCB Distribution Board, 240 V, on surface/ recess, complete with tinned copper bus bar, neutral bus bar, earth bar, din bar, interconnections, powder painted including earthing etc. as required. (But without MCB/RCCB/Isolator).	
3.01	8 way double door	Each
3.02	12 way double door	Each
3.03	16 way double door	Each
3.04	Supplying and Fixing Following way, Horizontal Type Three Pole and Neutral, Sheet Steel, MCB Distribution Board, 415 V, on surface/ recess, complete with tinned copper bus bar, neutral bus bar, earth bar, din bar, interconnections, powder painted including earthing etc. as required. (But without MCB/RCCB/Isolator).8 way (4 + 24), Double door	Each
3.05	Supplying and fixing of following ways surface/ recess mounting, vertical type, 415 V, TPN MCB distribution board of sheet steel, dust protected, duly powder painted, inclusive of 200 A tinned copper bus bar, common neutral link, earth bar, din bar for mounting MCBs (but without MCBs and incomer) as required. (Note: Vertical type MCB TPDB is normally used where 3 phase outlets are required.) (with provision for upto 100 Amp. TP MCCB as incomer but without MCCB) 12 way (4 + 36), Double door	Each
	Supplying and fixing 5 A to 32 A rating, 240/415 V, 10 kA, "C" curve, miniature circuit breaker suitable for inductive load of following poles in the existing MCB DB complete with connections, testing and commissioning etc. as Required.	
3.06	Single pole	Each
3.07	Double pole	Each
	Supplying and fixing following rating, double pole 240 v isolator in the existing mcb db complete with connections, testing and commissioning etc. as Required.	
3.08	40 A	Each
3.09	63 A	Each
	Supplying and fixing following rating, double pole (single phase & neutral) 240v residual current circuit breaker(RCCB) having sensitive current 30 mA in the existing MCB DB complete with connections, testing and commissioning etc. as Required.	
3.10	25A	Each
3.11	40A	Each
3.12	Supplying and fixing DP sheet steel enclosure on surface/ recess along with 25/32A 240 V 'c' curve TP MCB complet with connections, testing and commissioning etc. as Required.	Each
3.13	Supplying and fixing TP sheet steel enclosure on surface/ recess along with 16/25/32A 415 V 'c' curve TP MCB complet with connections, testing and commissioning etc. as Required.	Each
	Wiring	
	Wiring for light point/ fan point/ exhaust fan point/ call bell point with 1.5 sq.mm FRLS PVC insulated copper conductor single core cable in surface / recessed medium class PVC conduit, with modular switch, modular plate, suitable GI box and earthing the point with 1.5 sq.mm FRLS PVC insulated copper conductor single core cable etc. as required.	

3.14	Group A	Point
	Wiring for group controlled (looped) light point/fan point/exhaust fan point/ call bell point (without independent switch etc.) with 1.5 sq. mm FRLS PVC insulated copper conductor single core cable m surface/ recessed PVC conduit, and earthing the point with 1.5 sq. mm FRLS PVC insulatedcopper conductor single core cable etc. as required	
3.15	Group A	Point
	Supplying and drawing following sizes of FRLS PVC insulated copper conductor, single core cable in the existing surface/ recessed steel/ PVC conduit as required.	
3.16	3X1.5 SQMM	METRE
3.17	3X2.5 SQMM	METRE
	Supplying and drawing of UTP 4 Pair Cat 6 Lan Cable in the existing surface /recess PVC conduit as required.	
3.18	1 run of cable	METRE
	Conduits	
	Supplying and fixing of following sizes of medium class PVC conduit along with accessones m surface/recess including painting in case of surface conduit, or cutting the wall and making good the same in case of recessed conduit as required.	
3.19	20MM	METRE
3.20	25MM	METRE
	Junction boxes	
	Supply and fixing metal box of following sizes(nominal size) on surface oor in recess with suitable size of phenolic laminated sheet cover in front including painting etc as required	
3.21	150x 150 x60mm deep	Each
3.22	200x250x 60mm deep	Each
3.23	250x300x 60mm deep	Each
3.24	400x400x60 mm deep	Each
	Switch Socket & Module boxes	
	Supplying and fixing following modular switch/ socket on the existing modular plate & switch box including connections but excluding modular plate etc. as required.	
3.25	5/6A switch	Each
3.26	15/16 A switch	Each
3.27	3 oin 5/6 A socket outlet	Each
3.28	6 pin 15/16 socket outlet	Each
3.29	telephone socket outlet	Each
3.30	Supplying and fixing modular blanking plate on the existing modular plate & switch box excluding modular plate as required.	Each
	Supplying and fixing suitable size / module GI box along with with modular base and cover plate for modular switch in recess etc. as required	
3.31	1 or 2 module	Each
3.32	3 Module	Each
3.33	4 Module	Each
3.34	6 Module	Each
3.35	8 Module	Each
3.36	12 Module	Each
	Supplying and fixing module base & cover plate on existing modular metal boxes etc. as required	
3.37	1 or 2 module	Each
3.38	3 Module	Each
3.39	4 Module	Each
3.40	6 Module	Each
3.41	8 Module	Each
3.42	12 Module	Each

	Cable Tray	
	Supply and installation following size of perforated hot dipped galvanised iron cable tray(galvanised thickness not less than 50 micron) with perforation not more than 17.5% in convenient sections, joints with the connectors, suspended from the ceiling with GI suspenders including GI bolts & nuts etc, as required.	
3.43	150 mm width x 50 mm depth x 1,6 mm thickness	Meter
	Earthing	
3.44	Earthing with G.I. earth plate 600 mm X 600 mm X 6 mm thick including accessories, and providing masonry enclosure with cover plate having locking arrangement and watering pipe of 2.7 metre long etc. with charcoal/ coke and salt as required.	Set
3.45	Earthing with G.I. earth plate 600 mm X 600 mm X 6 mm thick including accessories, and providing masonry enclosure with cover plate having locking arrangement and watering pipe of 2.7 metre long etc. with charcoal/ coke and salt as required.	Set
3.46	Providing and fixing 25 mm X 5 cu strip on surface or in recess for connection etc. as required	Meter
3.47	Providing and fixing 25 mm X 5 GI strip on surface or in recess for connection etc. as required	Meter
	MV Cabling	
	Supply & Laying of heavy duty 1100V grade XLPE inner & outer PVC Steel armoured FR cables with AL / Cu conductors and as specified PVC sheathed aluminium conductor armoured cables as per specification cables in existing hume pipe or laid in existing trenches or laid and tied on existing overhead cable trays; complete as required and as per specifications complete as required and as per specifications.clamped cost to include other accessories required for installation includes anchor fasteners wall with suitable clamps, saddles fixing bolts including connecting testing and commissioning including Aluminum tagging & termination for cable complete system.	
3.48	3.5Cx70mm² Aluminium Armoured XLPE Cable	Meter
3.49	3.5Cx50 mm² Aluminium Armoured XLPE Cable	Meter
3.50	3.5Cx35 mm² Aluminium Armoured XLPE Cable	Meter
3.51	3Cx4mm² Copper Armoured XLPE Cable	
3.52	4Cx10mm² Copper Armoured XLPE Cable	
3.53	2R X 6 mm² + 1R x 4 sqmm Copper FLEX WIRE	
	IT WORK	
3.56	Supplying, fixing, and configuring 24 ports, PoE switch compliant with IEEE 802.3 standards with min. 193W PoE capacity with 4GE SFP uplink in provided rack as per specification no. WG-NWC/ENS	Each
3.57	Supplying and fixing 6U wall mount rack (Dimension-DxWxH – 500x550x347 mm) as per specification no. WG-NAS/RAK	Each
3.58	Supplying and fixing 1 m 24 AWG multi stranded UTP patch cord with RJ-45 factory crimped connector of Cat 6 type , compliant ANSI/TIA-568.2-D standards in position as per specification no. WG-ELVC/PC	each
	UPS	
3.59	Supplying, erecting, testing & commissioning of 10 kVA capacity on line pure sine wave,PWM,IGBT based UPS with 0.9 to unity output pf ,3 phase input & 1 phase output complete with all protections as per specification no. AP UPS(Without batteries)	each
3.60	Supplying, erecting, testing & commissioning of 6 kVA capacity on line pure sine wave,PWM,IGBT based UPS with 0.9 to unity output pf ,single phase input & 1 phase output complete with all protections as per specification no. AP UPS (Without batteries)	each
3.61	Supplying and erecting 12 V/100Ah to 100 Ah Tubular battery with battery terminal wire, duly charged complete with 36 months warranty complete	each

Sr. No	Name	Image	Item	Unit	Location
3.62	W01		Supply and installation of 'HYBEC- GALRE LESS DARK REFLECTOR SERIES or equivalent , LED MODULE LIGHT (MODELNO- PRO-104), 15W COB, WHITE COLOR BODY, 38DEG AND 55DEG BEAM ANGLE DIMENSION: DIA=55MM,H=72MM, 4000K/5000K. (Minimum warrenty 2 years)	Numbers	
3.63	W02		Supply and installation of WIPRO or equivalent (Stylus with Standard Diffuser) LM43-321-XXX-57-WX, DOWN 30W L=1200 LED, BLACK COLOR BODY, CONTINUOUS LINEAR SUSPENDED LIGHT FIXTURE, THE LIGHT DISTRIBUTION SHALL BE UNIFORM WITH NO HOT SPOTS . 4000K/5000K. (Minimum warrenty 2 years)	Numbers	Cabin and open cubicle
3.64	W03		Supply and installation of WIPRO or equivalent (Stylus with Standard Diffuser) LM43-651-XXX-57-WX, DOWN 40W L=2400 LED, BLACK COLOR BODY, CONTINUOUS LINEAR SUSPENDED LIGHT FIXTURE, THE LIGHT DISTRIBUTION SHALL BE UNIFORM WITH NO HOT SPOTS . 4000K/5000K. (Minimum warrenty 2 years)	Numbers	
3.65	W04		Supply and installation of WIPRO or equivalent (VERTICA) SUSPENDED CYLINDER 20W LED LIGHT FIXTURE WITH 36 DEG BEAM ANGLE , SIZE - DIA 80MM, HT = 165 MM, LD30-201-36B-40-PS (Minimum warrenty 2 years)	Numbers	Passage
3.66	W06		Supply and installation of WIPRO or equivalent SPECIFIED OFFICER CABIN SPOT LIGHT IN RAFTER WOODEN CEILING 4000K. (Minimum warrenty 2 years)	Numbers	Specified officer Cabin
3.67	H01		Supply and installation of HYBEC or equivalent DC 48VLINER SPOT LIGHT - 10W, BLACK COLOR BODY, 100LM / W FIXTURE OUTPUT, 36 DEG BEAM ANGLE, 4000K/5000K. L=205MM,B=24.5,H=45MM (Minimum warrenty 2 years)	Numbers	
3.68	W07		ANCHOR / PHILIPS / WIPRO or equivalent 1200mm Tube Light: ANCHOR / PHILIPS / WIPRO -24W or eqivalent	Number	AHU Room

S.No.	Image	Particulars	Unit	Location
		SIGNAGES		
3.69		Supply and Installation of Door Signage PUSH PULL (Metal) Specification: Size : 50mm x 175 mm;Material : Etched graphics on brush steel plates.	Number	Main entry doors
3.70		Supply and Installation of AHU Room signage - size - 75 x 300 mm. Material : Etched graphics on brush steel plates.	Number	AHU Rooms
3.71		Supply and Installation of Washroom signage - size - 100 x 150 mm. Material : Etched graphics on brush steel plates.	Number	Male & Female Toilets
3.72		Supply and Installation of Pantry signage - size - 100 x 100 mm. Material : Etched graphics on brush steel plates.	Number	Pantry
		Total		

SR. NO	Description of the item	UNIT
3.73	<p>Supplying & erecting of High definition 4/5 Megapixel IP IR Dome Camera with following features</p> <p>Image Sensor : minimum 1/2.8" Progressive Scan CMOS,</p> <p>Video Resolution : minimum 2592 x 1520</p> <p>Video Compression : H.264, H.265 or higher, at least Three individually configurable stream,</p> <p>Frame rate : minimum 25 fps at all resolutions,</p> <p>WDR : minimum 120 dB Wide Dynamic Range,</p> <p>ONVIF profile conformant,</p> <p>minimum IR distance : 50m,</p> <p>Lens Type : 2.8/4/6 mm Lens, fixed focal,</p>	each
3.74	<p>Supplying, installing, testing & commissioning of 16 Ch Network Video Recorder (NVR), suitable connect Min. 64 IP Cameras, up to 5 Megapixel Resolution, with HDMI 1/VGA 1 and HDMI 2/VGA 2 outputs provided, Atleast one HDMI output of 4K resolution, atleast one VGA output with output up to 1920 x 1080, Support H.265 or higher, H.264, MJPEG, Supports Redundant Dual Power, Incoming Bandwidth 320 Mbps with minimum 8 SATA Hard Disks, ANR Technology, 8 SATA interfaces for 8 HDDs and capacity of each HDD up to 8TB,</p> <p>minimum 02 USB port, Alarm I/O 16/4, RJ-45 10/100/ 1000 Mbps selfadaptive</p> <p>Ethernet interface, support multi brand network Cameras, ONVIF conformance, Multiple network monitoring: Web viewer . support protocol TCP/IP, DHCP, DNS, DDNS, NTP, SADP, SMTP, NFS, iSCSI, UPnP™, HTTPS.</p> <p>RoHS, UL, CE, FCC certified. duly erected in provided U Rack with wiring connections, tagging and programming etc. complete as per specificationss no. CCTV-NVR</p>	each
3.75	<p>Supplying & erecting 4 TB internal Surveillance HDD suitable for SATA Port of NVR, interface transfer rate 6 GB/S, maximum sustained transfer rate 210 MB/Sec to 213 MB/S. Drive bay supported 08+, Cameras supported up to 64, Cache (MB) 256, Load/Unload Cycle -3000000, Work Load Rating per Year 180TB, MTBF 1000000 Hrs. HTTPS. RoHS, UL, CE certified, duly erected in position in provided NVR as per specification no. CCTV-HDD</p>	each
3.76	<p>Supplying & erecting 32" professional LED Monitor with 1920*1080 (Full HD) Display, suitable for 16 channel NVR and following features</p> <p>Brightness: minimum 250 Cd/m2</p> <p>Contrast Ratio: minimum 1000:1</p> <p>Viewing angle: 178/178 deg.</p> <p>Response time: maximum 8 ms</p> <p>Inputs: HDMI, VGA, BNC, USB, Audio In, Built-in speakers maximum 2 W, Suitable to operate on 100-240 V 50 Hz AC supply and 24/7 Duty Cycle duly erected on wall or table top with standard accessories like wall mount stand and wiring connections etc. complete as per specifications no. CCTV-MON</p>	each
3.77	<p>Supplying, fixing, and configuring 8-port 10/100M un-managed standalone switch compliant with IEEE 802.3 standards as per specification complete.</p>	each

3.78	Supplying and fixing 6U wall mount rack (Dimension-DxWxH – 500x550x347 mm) as per specification no. WG-NAS/RAK	each
3.79	Supplying and fixing 1 m 24 AWG multi stranded UTP patch cord with RJ-45 factory crimped connector of Cat 6 type , compliant ANSI/TIA-568.2-D standards in position as per specification no. WG-ELVC/PC	each
3.80	Supplying and installing LSZH sheathed HDPE insulated copper cat-6 cable suitable for networking compliant with ANSI/TIA-568.2-D standards in provided conduit/casing-n-capping as per specification no. WG-ELVC/NC	m
3.81	Supplying and erecting HMS PVC conduit FRLS grade 32 mm dia. With PVC accessories on wall / ceiling as per specification No: WG-MA/CON.	m
	3 month minimum recording	
	Make : Hikvision, Bosch, Honeywell or equivalent	

SR. NOS		UNIT
A	FIRE FIGHTING WORKS	
	Providing, laying, testing & commissioning of 'C' Class heavy duty M.S pipe conforming to IS 1239 including welding, fittings like elbows, tees, flanges, tapers, nuts, bolts, gaskets etc. and fixing the pipe on the wall/ceiling with suitable clamp/support frame and painting with two or more coats of synthetic enamel paint of required shade complete as required. DSR 18.8	
4.01	25MM	Mtr
4.02	32MM	Mtr
4.03	40MM	Mtr
4.04	50MM	Mtr
4.05	65MM	Mtr
4.06	80MM	Mtr
	Providing & Fixing , Testing & commissioning of 15mm dia quartzoid bulb type sprinklers of rating 68 degree centigrade with required accessories. DSR 18.21	
4.07	Pendent Sprinkler	Each
3	Supply & Fixing , Testing & commissioning of butterfly valve of PN 1.6 rating with bronze/gunmetal seat duly ISI marked complete with nuts, bolts, washer, gasket conforming to IS 13095 of following sizes required. DSR 18.11	
4.08	80MM	Nos
	Supply & installation , Testing & commissioning of sprinkler flexible pipe (UL listed) of stainless steel complete with 15 NPT on reducer thread with maximum working pressure of 175 PSI test pressure of 875 PSI (Burst) with branch line (Inlet) 25mm NPT Male thread to sprinkler head (outlet) 15mm NPT Female thread with reducer, nipple, 2 side bracket, stocket of following sizes complete as required. DSR 18.25	
4.09	1200MM	Nos
4.1	Supply & installation , Testing & commissioning of adjustable rosette plate for 15mm dia in white finish UL Listed or FM approved complete as required. DSR 18.29	Nos
4.11	Providing and fixing approved make FLOW SWITCHES on supply line for connecting to fire alarm annunciator operating at 24-V at MCP (Main Console Panel) on floor including cabling, providing complete panel including alarm silencer switch but Independent to MCP including all labour and material etc.complete with pressure gauges.	Nos
4.12	Providing and fixing 25 mm dia gate valve for drain.(Sight glass, union, drain valve etc.GI pipe with all required GI fittings as per drawing and as directed.	Nos

SR. NO	Description of the item	UNIT
Intelligent Addressable Fire Alarm System		
4.13	Supplying, installing, testing and commissioning of micro processor based intelligent addressable main fire alarm panel, central processing unit with the 2 loop capacity and capable of supporting not less than 250 devices and detectors per loop, with on-board LCD alphanumeric backlit display suitable for minimum 80 characters, operating at 230 V 50 Hz - AC with inbuilt Battery Backup of a minimum 24 hours in normal condition and 30 minutes in alarm condition, The panel shall have suitable provision for network connectivity & compatible for third party integration(Open Protocol to communicate) via a MODBUS/BACNET interface etc. conforming to IS 15908:2021, IS 2189: 2008, NFPA-72, EN 54 / VdS/FM & UL 864(10th edition) with 3 years replacement warranty and inclusive of lifetime software license validity , as per specification noFF-AFAS/CP.	each
4.14	Repeter Panel	each
4.15	Supplying, installing, testing and commissioning of Addressable Optical Photo Smoke Detector . The detector shall have multi co-operative sensing technology for faster response & avoid false alarms. The detector shall have single/twin bicolour LED for 360 deg viewing. The detector is conforming to IS 2189: 2008, 11360_1985_Reff2020_EN 54 /VdS / UL & FM approved with 3 years equipment replacement warranty, Designed to meet UL268, 7th Edition. FFAFAS/ SD.	each
4.16	Supplying, installing, testing and commissioning of Addressable Multisensor/Multicriteria Photo Thermal (Smoke + Heat) Detector . The detector shall have twin bi-colour LED for 360 deg viewing. The intelligent multi criteria detection device shall include the ability to combine the signal of the thermal sensor with the signal of the photoelectric signal in an effort to react ihasitly in the event of a fire situation. It shall also include the inherent ability to distinguish between a fire condition and a false alarm condition by examining the characteristics of the thermal and smoke sensing chambers and comparing them to a database of actual fire and deceptive phenomena. This item is referred for Non-conditioning Area conforming to EN 54/VdS / UL & FM approved with 3 years equipment replacement warranty, Designed to meet UL268, 7th Edition.	each
4.17	Supplying, installing, testing and commissioning of addressable fire control/relay module for AHU, Access Control, Lifts, Staircase Pressurization, Fire Suppression & other Third Party Outputs etc., Module shall conforming to IS 5051 Part 2 (Sec 1 to 3) : 1982 reed relays / EN 54/VdS / UL & FM approved with 3 years equipment replacement warranty, as per specification no FFAFAS/ CRM-FCM	each

SR. NO	Description of the item	UNIT
4.18	Supplying, installing, testing and commissioning of addressable fire isolator module for isolating short / dewired / loose circuits with automatic resetting arrangement. Isolator Base can also be proposed, however in that case needs to be considered with each detector & module. The device shall have an LED which shall blink in normal state & get steady on activation to monitor the health status of the device. module complete as required. Module shall conforming to IS 5051 Part 2 (Sec 1 to 3) : 1982, , EN 54/VdS / UL & FM approved with 3 years equipment replacement warranty, FF-AFAS/ISM	each
4.19	Supplying, installing, testing and commissioning of addressable manual call points (break glass type/pull station type) , made of addressable break glass plastic square in shape surface/flush mounted with "Break Glass" message embedded on the glass, complete erected with mounting base and required accessories, Module shall conform to EN 54/VdS / UL & FM approved with 3 years equipment replacement warranty, as per specification no FF-AFAS/MCP.	each
4.20	Supplying, installing, testing and commissioning of Addressable Sounder cum Strobe rated at minimum 75 dB @ 3m for Audible annunciation and minimum 75cd flashing at 1 Hz for visual indication. Module shall conforming to IS 2189: 2008, IS 15908:2021 / EN 54/VdS / UL & FM approved with 3 years equipment replacement warranty, as per specification no FF-AFAS/ S-ST	each
4.21	Supplying, installing, testing and commissioning FR, XLPE armoured cable 2 core 1.5 sq.mm. copper conductor complete erected on wall/ ceiling complete as per specification no. CB-LT/CU	each
4.22	Supplying, erecting, testing & commissioning Mixer Amplifier 250W RMS Power with Built-in Digital Player , MP3 Player with USB/ SD/ MMC Card Reader, Bluetooth with remote and having min 6 Mic & 2 Aux Inputs with Box Speaker/Driver Unit selector switch. Frequency response 50-15,000Hz ± 3 dB. The unit shall have Preamplifier and Line Output for connecting to a Booster Amplifier and for recording the programme with Resettable circuit breaker for protection against overload and short circuit. The unit shall have speaker output range of 4 Ω , 8 Ω /(Low Impedence) and 70V & 100V/(High Impedence) & It can instant transfer to DC power if AC power fails. Signal to noise ratio between 60dB to 65dB complete as per specification no. PA-MA	Each
4.23	Supplying, erecting, testing and commissioning of multistrand annealed bare copper conductor, transparent PVC insulated 2C x 1.5 sqmm speaker wire in provided trunking/conduit etc. complete as per specification no. PA-TSPWR	Each
4.24	Supplying and erecting HMS PVC conduit FRLS grade 25 mm dia. With PVC accessories on wall / ceiling as per specification No: WG-MA/CON.	m
4.25	Supplying and erecting HMS PVC conduit FRLS grade 20 mm dia. with PVC accessories on wall / ceiling as per specification No: WG-MA/CON.	m
	All Make: Honeywell NOTIFIER or equivalent	

ITEM	ITEM DESCRIPTION	UNIT
F	L.V SWITCHBOARDS / PANELS	
	Receiving ,Unloading ,handling ,storing & Assembly at site , installation in correct assigned positions, effecting proper connections, testing & commissioning of 3 Phase, 4 wire, 415 V, 0.8 P.F, 50 Hz. panels as specified in section of MV Switchgear , ITC of Panel Contractor Scope & Handing over to Engineer incharge,Coordination with Panel Vendor for Assembly ,testing on site Contractor scope.As per Approved Schematic.(Panel supply Owner's Scope)	
	The fabrication shall be made with 14SWG cold rolled sheet with M/c pressing. The surface shall be rigorously treated for derusting in 8tank process with finishing treatment of powder coating with 70-120 micron minimum thickness,dephosphating and painting with at least 2 coats of approved paint. The panel shall be totally enclosed metal clad type with double gasketing with rubber/resin lining. The panel shall be of Siemen's Grey painted inside and shall be having control directory pasted inside the panel. Panel shall have cable entry provision from the top and bottom with suitable alley as the case may be. The panel shall be tested for the same KA rating of the relevant highest rating ACB / MCCB. All components shall have relevant IS/IEC approvals without fail. Panels shall be suitable for 415V, 3 phase, 4 wire, 50 HZ supply system. Lifting hooks shall also be provided in case of large panels. Approval shall be taken for each panel in the form of shop drawings before fabrication. Galvanised hardwares with zinc passivation shall be used in fabrication of panels. All the panels shall be floor mounted and dead front construction complete with interconnections. (Form 3 type B)	
	(Fabrication, drawing and list of components and panel detail should be approved by consultants before fabrication).	
	i) Main Al. bus bars with bar type feeder connections & all internal wiring and connections	
	ii) Earthing all components, frame etc. to a common internal earth bar.	
	iii) Painting all sheet metal works.	
	iv) All accessories & supporting structure.	
	vi) All ammeters with C.T's, voltmeter and energy meters with necessary fuses.	
	vii) Panel components as specified. All hinged door shall be earthed through 2.5 sq mm tinned braided copper wire.	
	viii) MS base frame.	
	ix) All switch gear to have short circuit levels as specified.	
	x) All MCCBs should be thermal-Magnetic adjustable type, Icu=Ics. Current density of aluminium shall be 1.3sq mm for 1 Amps for rated current of bus bars. Pad locking of MCCB's handles in "OFF" Position.	
Note:	The Main Distribution Panels & Sub-main distribution panels will be floor standing, Metal clad in Form 3b/4b type with separation panels. These switchboards are designed and manufactured in accordance with IEC 61439 standard with IP42 for indoor & IP54 for outdoor protection.	
	All switchboards shall have 20% spare space for circuit breakers providing for future loads installation.	
	The total harmonic voltage distortion at each Main Low Voltage Switchboard shall not exceed 5%.	
	All firefighting Panels shall be Form 4b type.	
	The cubicle tops, floor plates, side panels, front and rear doors shall be detachable gasket sheets metal plates.	
	The overall height of the switchboards shall not exceed 2200mm above the finished floor level.	

F1	SUPPLY OF PANELS	
4.26	UNIT 1,3 PANEL (REFER ELECTRICAL SLD)	Set
	INCOMER:	
	1 No, 160A, TPN MCCB 25KA ICS =ICU microprocessor based with SC/OL releases with following mounting	
	a) RYB phase indicating lamps - 1 set	
	b) Load Manager/MFM	
	c) 160A /5A CL-1.0 15VA C.T.'s - 3 nos.	
	Following components and scheme shall be incorporated for auto start of fan starters thru Fire Panel :	
	1No. Control MCB 6A SP 10 KA.	
	1No. 230 V / 24 V 50VA Control Transformer.	
	1No. 24Vac Aux. Contactor/Relay with 4/6 Nos Aux. Contacts.	
	Aux. Contactor/Relay shall get 'ON' command (potential free contacts) from Fire panel through 24VAC supply of control transformer and subsequently Aux.contactor/Relay shall give 'ON' command to all (multiple) starters through it's potential free contacts.	
	Electrolytic high conductivity aluminium three phase and neutral busbars rated at 400 Amps, 25 KA, FP, 50Hz, 415V, Al insulated with heat shrinkable coloured PVC sleeves & clip on shrouds for joints. Current density of Bus Bar to be 1.3 sq.mm / amp.	
	OUTGOING:	
	a) 100A FP MCCB 16kA :- 1nos	
	c) 63A TPN MCB 10kA :- 5 no	
	d) 40A TPN MCB 10kA :- 5 nos.	
	f) 32A TPN MCB 10kA :- 1 nos.	
	g) 25A DP MCB 10kA :- 1 nos.	
	INCOMER:	
	1 No. of 100A FP 415 volts, 16KA (lcs) MCCB	
	a) RYB phase indicating lamps - 1 set	
	b) 0 - 160 A Ammeter with Ammeter selector switch - 1 nos.	
	c) 0 - 500 V Voltmeter with selector switch - 1 no.	
	d) APFC Relay with 8 stages	
	Electrolytic high conductivity aluminium three phase and neutral busbars rated at Amps, insulated with heat shrinkable coloured PVC sleeves & clip on shrouds for joints. Current density of Bus Bar to be 1.3 sq.mm / amp.	
	OUTGOING:	
	3 no. 25A TP MCB & 25A TP CAPACITOR DUTY CONTACTOR	
	2 no. 16A TP MCB & 16A TP CAPACITOR DUTY CONTACTOR	
	2 nos. 6A TP MCB & 6A TP CAPACITOR DUTY CONTACTOR	
	2 nos.5kVAr 3 phase, 415V, MPP capacitors	
	3 no.10kVAr 3 phase, 415V, MPP capacitors	
	1 no.2kVAr 3 phase, 415V, MPP capacitors	

4.27	UNIT 2 PANEL (REFER ELECTRICAL SLD)	Set
	INCOMER:	
	1 No, 100A, TPN MCCB 25KA ICS =ICU microprocessor based with SC/OL releases with following mounting	
	a) RYB phase indicating lamps - 1 set	
	b) Load Manager/MFM	
	c) 100A /5A CL-1.0 15VA C.T.'s - 3 nos.	
	Following components and scheme shall be incorporated for auto start of fan starters thru Fire Panel :	
	1No. Control MCB 6A SP 10 KA.	
	1No. 230 V / 24 V 50VA Control Transformer.	
	1No. 24Vac Aux. Contactor/Relay with 4/6 Nos Aux. Contacts.	
	Aux. Contactor/Relay shall get 'ON' command (potential free contacts) from Fire panel through 24VAC supply of control transformer and subsequently Aux.contactor/Relay shall give 'ON' command to all (multiple) starters through it's potential free contacts.	
	Electrolytic high conductivity aluminium three phase and neutral busbars rated at 400 Amps, 25 KA, FP, 50Hz, 415V, Al insulated with heat shrinkable coloured PVC sleeves & clip on shrouds for joints. Current density of Bus Bar to be 1.3 sq.mm / amp.	
	OUTGOING:	
	a) 63A FP MCCB 16kA :- 1nos	
	c) 63A TPN MCB 10kA :- 4 no	
	d) 40A TPN MCB 10kA :- 4 nos.	
	f) 32A TPN MCB 10kA :- 0 nos.	
	g) 25A DP MCB 10kA :- 2 nos.	
	INCOMER:	
	1 No. of 63A FP 415 volts, 16KA (lcs) MCCB	
	a) RYB phase indicating lamps - 1 set	
	b) 0 - 160 A Ammeter with Ammeter selector switch - 1 nos.	
	c) 0 - 500 V Voltmeter with selector switch - 1 no.	
	d) APFC Relay with 8 stages	
	Electrolytic high conductivity aluminium three phase and neutral busbars rated at Amps, insulated with heat shrinkable coloured PVC sleeves & clip on shrouds for joints. Current density of Bus Bar to be 1.3 sq.mm / amp.	
	OUTGOING:	
	2 no. 25A TP MCB & 25A TP CAPACITOR DUTY CONTACTOR	
	1 no. 16A TP MCB & 16A TP CAPACITOR DUTY CONTACTOR	
	1 nos. 10A TP MCB & 10A TP CAPACITOR DUTY CONTACTOR	
	1 nos. 6A TP MCB & 6A TP CAPACITOR DUTY CONTACTOR	
	1 nos.5kVAr 3 phase, 415V, MPP capacitors	
	2 no.10kVAr 3 phase, 415V, MPP capacitors	
	1 no.3kVAr 3 phase, 415V, MPP capacitors	
	1 no.2kVAr 3 phase, 415V, MPP capacitors	

4.28	UNIT 4 PANEL (REFER ELECTRICAL SLD)	Set
	INCOMER:	
	1 No, 100A, TPN MCCB 25KA ICS =ICU microprocessor based with SC/OL releases with following mounting	
	a) RYB phase indicating lamps - 1 set	
	b) Load Manager/MFM	
	c) 100A /5A CL-1.0 15VA C.T.'s - 3 nos.	
	Following components and scheme shall be incorporated for auto start of fan starters thru Fire Panel :	
	1No. Control MCB 6A SP 10 KA.	
	1No. 230 V / 24 V 50VA Control Transformer.	
	1No. 24Vac Aux. Contactor/Relay with 4/6 Nos Aux. Contacts.	
	Aux. Contactor/Relay shall get 'ON' command (potential free contacts) from Fire panel through 24VAC supply of control transformer and subsequently Aux.contactor/Relay shall give 'ON' command to all (multiple) starters through it's potential free contacts.	
	Electrolytic high conductivity aluminium three phase and neutral busbars rated at 400 Amps, 25 KA, FP, 50Hz, 415V, Al insulated with heat shrinkable coloured PVC sleeves & clip on shrouds for joints. Current density of Bus Bar to be 1.3 sq.mm / amp.	
	OUTGOING:	
	a) 63A FP MCCB 16kA :- 1nos	
	c) 63A TPN MCB 10kA :- 4 no	
	d) 40A TPN MCB 10kA :- 4 nos.	
	f) 32A TPN MCB 10kA :- 0 nos.	
	g) 25A DP MCB 10kA :- 2 nos.	
	INCOMER:	
	1 No. of 63A FP 415 volts, 16KA (lcs) MCCB	
	a) RYB phase indicating lamps - 1 set	
	b) 0 - 160 A Ammeter with Ammeter selector switch - 1 nos.	
	c) 0 - 500 V Voltmeter with selector switch - 1 no.	
	d) APFC Relay with 8 stages	
	Electrolytic high conductivity aluminium three phase and neutral busbars rated at Amps, insulated with heat shrinkable coloured PVC sleeves & clip on shrouds for joints. Current density of Bus Bar to be 1.3 sq.mm / amp.	
	OUTGOING:	
	2 no. 25A TP MCB & 25A TP CAPACITOR DUTY CONTACTOR	
	1 no. 16A TP MCB & 16A TP CAPACITOR DUTY CONTACTOR	
	1 nos. 10A TP MCB & 10A TP CAPACITOR DUTY CONTACTOR	
	1 nos. 6A TP MCB & 6A TP CAPACITOR DUTY CONTACTOR	
	1 nos.5kVAr 3 phase, 415V, MPP capacitors	
	2 no.10kVAr 3 phase, 415V, MPP capacitors	
	1 no.3kVAr 3 phase, 415V, MPP capacitors	
	1 no.2kVAr 3 phase, 415V, MPP capacitors	

NOS	DESCRIPTION	UNIT
A	SANITARY FIXTURES	
5.01	Providing and fixing white vitreous china pedestal type water closet (European type) with seat and lid, 10 litre low level white vitreous china flushing cistern & C.P. flush bend with fittings & C.I. brackets, 40 mm flush bend, overflow arrangement with specials of standard make and mosquito proof coupling of approved municipal design complete, including painting of fittings and brackets, cutting and making good the walls and floors wherever required.(prior approval of sample and brand by Ex. Engineer is necessary before use) DSR 17.3/17.3.1	Nos.
5.02	Providing and fixing wash basin with C.I. brackets, 15 mm C.P. brass pillar taps, 32 mm C.P.brass waste of standard pattern, including painting of fittings and brackets, cutting and making good the walls wherever require DSR 17.7/17.7.1	Nos.
5.03	Providing and fixing Stainless Steel A ISI 304 (18/8) kitchen sink (510x1040 mm bowl depth 250 mm) as per IS:13983 with C.I.brackets and stainless steel plug 40 mm, including painting of fittings and brackets, cutting and making good the walls wherever required: DSR 17.10/17.10.1/17.10.1.1	Nos.
5.04	Providing and fixing C.P. brass long nose bib cock of approved quality conforming to IS standards and weighing not less than 810 gms. For sink DSR 18.50 15 mm nominal bore	Nos.
5.05	Providing and fixing C.P. brass angle valve for basin mixer and geyser points of approved quality conforming to IS:8931 DSR 18.53/18.53.1	Nos.
5.06	Providing and fixing C.P. brass stop cock (concealed) of standard design and of approved make conforming to IS:8931. for geyser DSR 18.52/18.52.1	Nos.
5.07	Providing and Fixing in position C.P. brass Two way Bib Tap with Health Fauset along with one meter length of flexible pipe, C.P. wall bracket for hanging the spray etc. complete. (For work within Toilet W.C.).	Nos.
5.08	Providing and Fixing, Testing and Commissioning of below mentioned sanitary fittings and accessories provided by client .Works includes cutting & making good the walls, floors, slab wherever required. All consumable items such as Teflon tape ,sealant, gasket, cement solvent, nut bolts, washers etc.with all necessary accessories should be provided by vendor and it should be complete in full respect as per technical specification.Single function (regular type) Showers for Bathrooms with wall mixer with Shower head(Rose) arrangement with 15mm dia inlet and necessary provision for geyser. The cost shall include the diverter for hot and cold water.	Nos.
5.09	Providing, Fixing, Testing and Commissioning of short type PVC NAHNI TRAPS with water seal (10) along with cover including making holes in RCC /masonry work, including if, required extension pipe, Fixing NT to correct level & line. Providing MS (epoxy coated) clamps etc complete. Fixing of grating circular type in SS as per technical specification.	Nos.
5.1	Providing, Fixing, Testing and Commissioning of short type PVC MULTI TRAPS with water seal (10) along with cover including making holes in RCC /masonry work, including if, required extension pipe, Fixing NT to correct level & line. Providing MS (epoxy coated) clamps etc complete. Fixing of grating circular type in SS as per technical specification.	Nos.
5.11	Providing and fixing white vitreous china flat back half stall urinal of size 580x380x350 mm with white PVC automatic flushing cistern, with fittings, standard size C.P. brass flush pipe, spreaders with unions and clamps (all in C.P. brass) with waste fitting as per IS : 2556, C.I.trap with outlet grating and other couplings in C.P. brass, including painting of fittings and cutting and making good the walls and floors wherever required: DSR 17.5/17.5.1	Nos.

	Providing, fixing, testing and commissioning UPVC Pipe Type B conforming to IS:13592 for soil, waste, vent including structural supports, clamps & injection moulded fittings e.g. tees, bends, Y junctions, reducers, coupling, adapters, door bend and terminal cowl etc. with solvent welded including cuttings the walls and floor as required and making good the walls and floors as required at site. The supporting structure for UPVC pipes should be of hot dip galvanised Iron to prevent rusting.	
5.12	75mm	Rmt
5.13	110mm	Rmt
5.14	Providing and fixing of P.V.C. pipe 40mm dia.10kg/cm2 (class IV) pressure waste/soil pipe and with necessary fixtures and fitting such as bends, tees, single junctions, slotted vent, clamps etc. complete	Rmt
5.15	Providing and fixing of P.V.C. pipe 50mm dia.10kg/cm2 (class IV) pressure waste/soil pipe and with necessary fixtures and fitting such as bends, tees, single junctions, slotted vent, clamps etc. complete	Rmt
5.16	Supply, Installation, Testing, Commissioning of following items required for Instant Geysers for Bathroom with all fittings etc. complete	Rmt
INTERNAL WATER SUPPLY		
	Providing and fixing Chlorinated Polyvinyl Chloride (CPVC) pipes, having thermal stability for hot & cold water supply, including all CPVC plain & brass threaded fittings and fixing the pipe with clamps at 1.00 m spacing. This includes jointing of pipes & fittings with one step CPVC solvent cement and the cost of cutting chases and making good the same including testing of joints complete as per direction of Engineer in Charge. Concealed work, including cutting chases and making good the walls etc DSR 18.8	
5.17	15MM	Rmt
5.18	20MM	Rmt
5.19	25MM	Rmt
5.2	Providing and fixing gun metal gate valve with C.I. wheel of approved quality (screwed end): 20MM	Each
5.21	Supply and installation of Grab Bar, Range:Accessories (For Disable-friendly Bathroom) Code:WAC-SAP-BR0600CSN Bar 680 mm Long	Nos.
5.22	Supply and installation of Grab Bar - White Range:Accessories (For Disable-friendly Bathroom) Code:WAC-WHT-BG0800N Description:Grab Bar Vertical Swing	Nos.
5.23	Supply and installation of Toilet paper Holder with flap - Chrome, Range:Accessories Code:ACN-CHR-1153S Description:Toilet paper Holder with flap Finish: Chrome	Nos.

	VRV SYSTEM	
SR.NO.	DESCRIPTION	UNIT
	Designing, engineering, fabricating and supplying, unloading, shifting, lifting of the following equipment / material and erection, testing and commissioning of the HVAC (Air-cooled VRF / VRV System) as under:	
a	Indoor units comprising of combination of Cassette, Hi-Wall, Ductable Units, (Hi-wall units	
b	Electrical power supply – Single / 3-phase near each of the IDUs (Indoor Units) and 3-	
c	Controls – remote, indoors, inside the occupied area, System should be BMS compatible	
d	Designing, engineering, fabricating and supplying, unloading, shifting, lifting of the following	
6.00	Supply of VRV or VRF ODU / IDU and Other Accessories	
	VRV or VRF Out-Door Units	
	<p>The system shall comprise of Outdoor Units with Air-cooled condenser suitable for operation at ambient temp. of 43.3 Deg C, high pressure Rotary / Scroll Compressors with hermetic motor, assembled and wired in a single package complete, starting controls, safety controls, operating controls and with full feature microcomputer based controller with real time clock and programming / diagnosis facility. 100% Compressors shall be Inverter type based on manufacturer's technology. The unit is to be given a complete factory operating and control sequence test under load conditions with fluid hooked up, and is to be shipped with full operating charge of refrigerant and oil. Air-cooled Condensor, refrigeration-piping controls, first charge of refrigerant etc. The Refrigerant used shall be any CFC / HCFC free gas either R410A refrigerant OR any other variant of CFC/ HCFC free refrigerant gas. The Outdoor units shall be complete as per technical specifications. For LEED Submission, please provide EER values at 100% load @ AHRI conditions of 210/240 conditions in the Data sheets for HVAC equipments. Outdoor units suitable for following capacities with Top/Side Discharge type:</p>	
	<p>S. I.T.C. of Inverter type VRF Units with 100% inverter Scroll compressor. The unit has to be compatible for any third party BMS and should release open protocol like BACnet / MODBUS . All the condenser units shall be with anticorrosive. Supply VRV or VRF Out-door units System with R407 C / R410A Refrigerant Note: (The Prices of ODU is including with REFNET Joints for Out door Units) Loading & Unloading, & Lifting Shifting till the dedicated floor level to be done by the AC Vendor.</p>	
	Preferred Make : Carrier	
6.01	18 HP (Top Discharge unit)	No.
6.02	16 HP (Top Discharge unit)	No.
6.03	10 HP (Side Discharge unit)	No.
6.04	6 HP (Side Discharge unit)	No.
	VRV or VRF of In-Door Units	
	<p>Supply of Ductable, Cassette & Hi-Wall Type Units as follows in VRF / VRV System suitable for functioning with above outdoor units: Indoor Fan coil unit consisting of 3/4 row-cooling coil blower with motor, filters, drain pan & casing. The indoor unit shall be complete with all necessary controls including air and refrigerant temperature sensors and electronic expansion valves thus giving individual, variable refrigerant flow. The electronic expansion valve shall be controlled by the 'fuzzy logic' microprocessor control system via a control board within the indoor unit that includes a unit address recognition system. Indoor Units to trip in case of fire signal. Units for critical rooms on working & standby basis shall work on sequential basis as specified. All Indoor units shall include the standard condensate pump kit as supplied by the manufacturer. Units below ceiling level / wall mounted may require an additional condensate pump and shall be supplied by the installation contractor & same to be included here. The indoor unit shall be suitable for a power supply of 240V/ 1 phase/ 50Hz OR 415V / 3 phase / 50Hz. The indoor units shall be complete as per Technical Specifications and requirements as specified below.</p>	

6.03	10 HP (Side Discharge unit)	No.
	Hi- Static Ductables Ceiling concealed type with Pre Filter efficiency 85% down to 20 micron with MS frame	
6.05	10.0 HP / 8.0 TR	No.
6.06	8.0 HP / 6.5 TR	No.
6.07	6.0 HP / 5.5 TR	No.
	Split Hi-Wall Unit (FOR SERVER ROOM)	
	Supply Aircooled Split type Hi-Wall Airconditioners with Rotary Compressor comprising Indoor Air Handling Unit, Outdoor Condensing unit, isolating valves, thermostatic control, safety cutouts, cordless remote, wiring,	
6.08	2.0 TR HI WALL (Invertor Type) (With R32 A Gas)	No.
	Remote control	
	Supply of Remote control	
6.09	Corded Remote control for (1 way cassette / Compact CASSETTE / Normal Cassette / Ductable)	No.

6.03	10 HP (Side Discharge unit)	No.
	REFNET Joints	
6.10	Supply of All REFNET Joints for IDU only	No.
6.11	Supply of All REFNET Joints for ODU only	No.
	Centralised Remote Controller system (CRC)	
	Supply of Centralised Remote Controller system of VRV system for all the indoor & outdoor units.	
6.12	Only ON/OFF Type Centralised Remote Controller system	No.
6.13	BACNET protocol for BMS interface BACnet gateway with CRC & required control cabling to Central BMS with suitable software and accessories. Necessary integrator, convertor, software, hardware, license's etc. as applicable for the VRF / VRVs / SETFREE / MMS to interact & be controllable thru' central BMS. Necessary protocol for connecting with MODBUS RTU, BACNET, LO5WORKS etc. shall also be included.	LOT
	Intelligent Manager system	
6.14	Supply of Intelligent Manager system controller of VRV system for all the indoor & outdoor units.	No.
	Installation of VRV or VRF ODU / IDU and Other Accessories	
	VRV or VRF Outdoor Units	
	Lifting Shifting, Erection, Installation, Testing and Commissioning of Out Door Units suitable for VRF / VRV System & including refrigerant gas & oil upto commissioning & warranty period for all above Indoor & Outdoor Systems - Pressure Testing, Nitrogen flushing, gas charging (R410A), testing & commissioning of the air-conditioning system The costs shall also include for MS stand and supporting arrangement, Cowl piece for ventilation as required for the ODU installation. A suitable arrangement to be provided for Electrical isolator installation. Note: (The Prices of ODU is including with REFNET Joints for Out door Units	
6.15	18 HP (Top Discharge unit)	No.
6.16	16 HP (Top Discharge unit)	No.
6.17	10 HP (Side Discharge unit)	No.
6.18	6 HP (Side Discharge unit)	No.
	VRV or VRF of In-Door Units	
	Lifting Shifting, Erection, Installation, Testing and Commissioning of Indoor Units suitable for VRF / VRV System. MS Frame for In-door units complete with epoxy painting, vibration isolation pads, supports, hangers, railing, brackets etc.	
	Ductables Ceiling concealed type with Pre Filter efficiency 85% down to 20 micron with MS frame	
6.19	10.0 HP / 8.0 TR	No.
6.20	8.0 HP / 6.5 TR	No.
6.21	6.0 HP / 5.5 TR	No.
	Split Hi-Wall Unit (FOR SERVER ROOM)	
	Supply Aircooled Split type Hi-Wall Airconditioners with Rotary Compressor comprising Indoor Air Handling Unit, Outdoor Condensing unit, isolating valves, thermostatic control, safety cutouts, cordless remote, wiring,	
6.22	2.0 TR HI WALL (Invertor Type) (With R32 A Gas)	No.
	Remote control	
	Installation,Testing and Commissioning of Remote control	
6.23	Corded Remote control for (Compact CASSETTE / Normal Casstte / Ductable)	No.
	REFNET Joints	
6.24	Installation,Testing and Commissioning of All REFNET Joints for IDU only	No.
6.25	Installation,Testing and Commissioning of All REFNET Joints for ODU only	No.
	Centralised Remote Controller system (CRC)	
	Installation,Testing and Commissioning of Centralised Remote Controller system of VRV system for all the indoor & outdoor units.	
6.26	Only ON/OFF Type Centralised Remote Controller system	No.
6.27	BACNET protocol for BMS interface	No.
6.28	Supply & Laying of Control cabling between ODU's & CRC System.	RMT
6.29	Installation of Intelligent Manager system controller of VRV system for all the indoor & outdoor units.	No.

6.03	10 HP (Side Discharge unit)	No.
	REFRIGERANT PIPING	
	Supply, Installation, Testing and Commissioning of All refrigerant piping between indoor & outdoor units duly insulated as per specifications All piping inside the room shall be properly supported with hanger and exposed piping shall be properly supported in cable tray. All piping shall be pressure tested for 1.5 times the working pressure. and multiple indoor units with gas & liquid line to be considered as 1 circuit . 19mm for Liquid, 19mm for Suction Nitrile Rubber Insulation to be considered . Hard Copper refrigerant piping of required sizes for pair of gas (suction) & liquid, with 19 mm Closed Cell Insulation material class O / 60 kg/m ³ density for wrapping the copper pipe lines. The piping system must be supported at 1.75 m distance. Rates to include special damping and supporting system including installation of factory made joints as required. Pressure Testing of VRF piping shall be as per VRF Manufacturer's requirements. G.I. Ready made Ladder type Cable Tray for refrigerant piping & Power cable for ODU (tray with cover only for vertically installed ref.pipes in shaft and horizontal ref.piping on terrace. For all other ref.piping and cable, the ladder type tray shall be without cover)	
6.30	SYSTEM 01 (18.0 HP)	RMT
6.31	SYSTEM 02 (18.0 HP)	RMT
6.32	SYSTEM 03 (16.0 HP)	RMT
6.33	SYSTEM 03 (10.0 HP)	RMT
6.34	SYSTEM 04 (18.0 HP)	RMT
6.35	SYSTEM 04 (6.0 HP)	RMT

6.03	10 HP (Side Discharge unit)	No.
	Refrigerant Charging	
6.36	Supply, Installation, Testing and Commissioning charges along with Topping-up of Refrigerant	Lot
	FRAME WORK	
	Supply, fabrication and installation, Testing and Commissioning of MS base frame for outdoor units complete with epoxy painting, vibration isolation pads, supports, hangers, railing, brackets etc.	
	Note: For constructions approved by Architect/ Consultant. Apply 2 coats of epoxy primer and 2 coats of finish painting (black paint) as approved by Architect. Stand to be made as per site conditions.	
6.37	18 HP	No.
6.38	16 HP	No.
6.39	10 HP	No.
6.40	6.0 HP	No.
6.41	Indoor Hanging bracket	No.
6.42	MS L Angle (50 x50 x6 mm)/ MS channel (100 x50 mm) / MS plate (10 mm thick) with all accessories , as per site requirement.	LOT
	SHEET METAL WORK	
	GI Duct	
	Supply, installation, testing & commissioning of Factory fabricated Galvanised	
	Iron (GI)shall conform IS: 227 – 1977 Sheet ducting complete with	
	splitter dampers, turning vanes, access doors, supports etc. as per	
	drawings and specifications. Supports for ducts at 2.4m distance apart	
	upto 2250/1.2m distance part for larger ducts. Each support shall have	
	minimum 2 vertical rods of 10mm/12mm diameter with 40 x 40 x 6 or 50 x	
	50 x 6 angles as approved by Consultant. No slip joints shall be allowed. Flanges shall be Rolamate or equivalent and ducts upto 1500 width shall be with rod Support.	
	Note : All exposed ventilation duct work should be painted with 2 coats	
	of epoxy primer and 2 coats of epoxy paint.All the supports of the duct	
	will be painted to match the ducting. Please note that the supports for	
	ducting have to be taken from the ceiling slab only.	
	as per SMACNA	
	Ducts to be sent in Factory fabricated . The factory fabricated ducts shall be of pre-approved make only.	
	The quoted costs should include:	
	i) Ducts with reinforcement/ strengthening	
	ii) Air tight joints	
	iii) Accessories such as splitter, damper, guide vane etc.	
	iv) Hangers and supports, rigid Supporting method to be used	
	v) Painting with Black color paint for duct sides behind the grills.	
	vi) The gasket used in case for all ducts shall be fire retardant type	
	vii) Ducts shall be fully sealed with Silicon Sealant for leak tight installation.	
	Ducts shall be leak tested & leakages should be within acceptable limits as specified at Min. 500 Pa	
6.43	18 G Plenum (Site Fabricated)	SQMT
6.44	20 G Ducting (upto 1500mm upto 2250mm any side)	SQMT
6.45	22 G Ducting (above 750mm upto 1500mm anyside)	SQMT
6.46	24 G Ducting (upto 750mm any side)	SQMT
6.47	20 G Ducting (upto 1500mm upto 2250mm any side) (Flat Oval Ducting)	SQMT
6.48	22 G Ducting (above 750mm upto 1500mm anyside) (Flat Oval Ducting)	SQMT
6.49	24 G Ducting (upto 750mm any side) (Flat Oval Ducting)	SQMT
6.50	24 G Ducting (Spiral Ducting)	SQMT

6.03	10 HP (Side Discharge unit)	No.
	Flexible Duct	
	Supply, installation, testing and commissioning of following sizes of insulated flexible ducting with its matching supports and other accessories. Flexible Duct are made of flexible plastic over a metal wire coil to make round, with layer of fiberglass insulation. Supply, Installation, Testing and Commissioning of insulated flexible ducts. The insulated flexible duct shall have inner core made of double lamination of metalized polyester film permanently bonded to a coated spring steel wire helix. Fibreglass insulation of minimum 14 kg.cu.m. density having a R-value 4.2oF-Ft2-hr/ btu and 25 mm thk shall be wrapped over the inner core and covered with stronger outer jacket cum vapor barrier made of fibreglass reinforced metalized polyester film laminate. The insulated flexible duct should be fire retardant type. Limit Flexible Duct to not more than 3 Ft Length for Diffuser Connection	
6.51	200mm dia.	RMT
6.52	150mm dia.	RMT
6.53	100 mm dia	RMT
	Continous Linear Grilles	
	Supply, installation, testing and commissioning of following sizes of	
	Aluminium extruded powder coated continous grilles with 4 side flanges (color to match as per architects requirements) In extruded aluminium construction, powder coated. One way/ 2 way fixed deflection - 15deg. with end flanges as required and as shown in the drawings.	
	Note : If required Contractor should blank off the extra portion of	
	grille without additional cost and provide deflection of 0 deg to 45 deg	
	without extra cost	
	300mm wide Supply, installation and adjusting of Non Vision transfer grilles in extruded aluminium comprising of a non vision door grille on one side and complete with sliding frame on the opposing side. The assemble shall be suitable for the door thickness as per site conditions. The color shall match the interior requirements.	
6.54	150mm wide	Sqmt
6.55	100mm wide	Sqmt
6.56	250mm wide	Sqmt

6.03	10 HP (Side Discharge unit)	No.
	Continuous Linear Curved Grilles	
	Supply, installation, testing and commissioning of following sizes of Aluminium extruded powder coated continuous Curved grilles with 4 side flanges.	
	Note : If required Contractor should blank off the extra portion of grille without additional cost and provide deflection of 0 deg to 45 deg without extra cost	
	Preferred makes : (Dynacraft, Cosmos, Airproducts).	
6.57	150mm wide for Flat Oval Duct	sqmt
	Supply Air Round Diffusers	
	Supply, installation of Al. extruded powder coated round diffusers with removable core	
	construction. Provide damper arrangement. Damper should be aluminum powder coated,	
	multiple flap type. Supply Air diffuser with damper of following Overall size. For SA Diffuser G.I Black painted plenum shall be mounted with a circular neck to accept the insulated flexible duct.	
6.58	225 mm dia (3/4')	NOS
	Return Air Round Diffusers	
	Supply, installation of Al. extruded powder coated round diffusers with removable core	
	construction. Without damper arrangement. R. A. diffuser without damper of following Overall size.	
6.59	225 mm dia (3/4')	NOS
	Disc Valve (Round)	
	Supply, installation, testing and commissioning of Al. extruded powder coated Supply Air Disc Valve (Round). Supply, installation and adjusting of disc valves suitable for exhausting toilet foul air, comprising of an adjustable centre cone and coupling sleeve made of Aluminum sheet duly epoxy painted with approved color. The disc valve shall be fitted with a galvanised steel installation frame and the sleeve shall incorporate a foam-rubber gasket for airtight sealing. The centre cone should be adjustable for balancing and with a locking arrangement to maintain the desired flow rate.	
	Face size given below.	
6.60	100 mm Neck Size or 164mm Face Size	NOS
	Fire Dampers	
	Supply, installation of fire dampers with control cabling at the unit outlet.	
6.61	Fire dampers in supply air duct	SQMT
6.62	Fire damper in return air	SQMT
	The Actuator shall be direct coupled spring return type and motorised.	
	The Actuator shall be in line with the Technical Specifications and shall be maintenance free direct coupled spring return type suitable to work on 24 V electric supply.	
	The torque rating of the actuator shall exceed at least by 15% over torque required to open / close the damper. Shall have manual over ride facility. The selection of actuator size shall be the responsibility of the manufacturer.	
	Fire Damper Panel comprising of should be provided comprising of Power ON indicating lamps with 230V / 24V transformer, damper close & open indication, reset push button, push button for manual running of actuator for periodic inspection, auxiliary contacts 24V & 230 V, contact points to receive signal from smoke detector / fire alarm panel etc.	
6.63	Motorized actuators rated for fire dampers and spring return type (R.A.)	NOS
6.64	Fusible link as per specification UL 555 and CBRI approved (S.A. Duct)	NOS
	Fire and Smoke Dampers (FSD) shall be installed in supply air duct when they pass through AHU room walls as shown in the drawings and as per specifications. The Fire Dampers shall be operated with atleast 90 minutes fire rating as per UL-555S-Class I for fire and smoke management rated for 90 min. and UL listing.	
	Fusible Link should be rated for 72°C. Each FSD shall be of multi leaf type, low leakage and shall be tested in the factory and will be certified by the manufacturer in form of the test certificate.	
	Each FSD shall be supplied with matching extended sleeve (factory supply) and set of retaining angles for installation on wall / slab as indicated on drawings. [up to max size of 1200 mm x 350 mm - This duct size is given as guideline for estimate, actual duct sizes in the approved drawings shall prevail]. Fire Dampers shall be provided with access doors in ducts / false ceiling.	
6.65	Control cabling	LOT

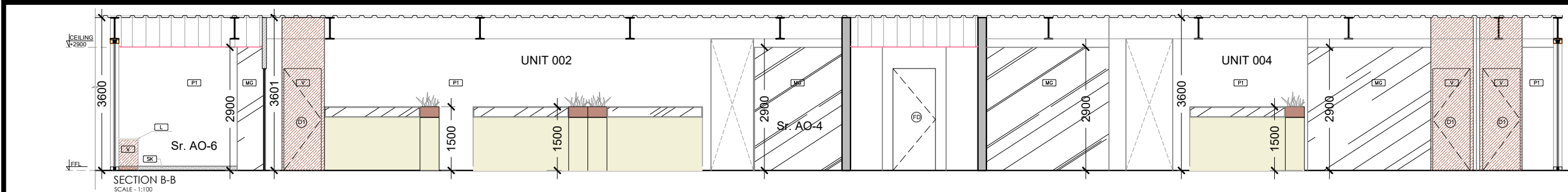
6.03	10 HP (Side Discharge unit)	No.
	Volume Control Dampers for Duct	
	Supply, installation, testing and commissioning of volume control dampers	
6.66	at Machine outlet and in Branch duct. (Gear Operated and Low Leakage) Supply, installation and adjusting of GSS Volume Control Damper in 18 G within ducts complete with suitable links, levers. Blades should be opposed blade type. The blades should be mounted in nylon bushes operated by an interior wheel gear system. Manual quadrant control with position indicator to be provided to enable adjust volume of air as required.	SQMT
	Volume Control Dampers for FLAT OVAL Duct	
	Supply, installation, testing and commissioning of volume control dampers	
6.67	at Machine outlet and in Branch duct. (Gear Operated and Low Leakage) Supply, installation and adjusting of GSS Volume Control Damper in 18 G within ducts complete with suitable links, levers. Blades should be opposed blade type. The blades should be mounted in nylon bushes operated by an interior wheel gear system. Manual quadrant control with position indicator to be provided to enable adjust volume of air as required.	SQMT
	Volume Control Dampers for SA Collars	
6.68	Supply and Installation of Black MS Box- Type Volume Control Dampers	SQMT
	for Coller. Aluminium adjustable louvre type grills in matt black powder coated finishing with volume control damper	
	Volume Control Dampers for SA Collars for Flat oval duct	
6.69	Supply and Installation of Black MS Box- Type Volume Control Dampers	SQMT
	for Coller. Aluminium adjustable louvre type grills in matt black powder coated finishing with volume control damper	
	Double Canvass Connections	
6.70	Supply, installation, testing and commissioning of Flexible double Canvass	NOS
	Connections for AHU, FCU & FAN. Supply, fabrication & installation of double canvass (fire retardant) flexible connection as per drawings & specifications.	

6.03	10 HP (Side Discharge unit)	No.
	Outdoor Units COWL piece with rain protection louvers	
6.71	Supply, installation, testing and commissioning of outdoor connection with rain protection louvers, GI wiremesh, Bird screen, cowl & dampers.	NOS
	Cable Trays	
	Perforated Type Trays	
	Supply and installation of 14 SWG GI Decorative type trays with MS painted tray supports of. Supply and installation of ladder type/perforated type cable trays of the following sizes fabricated out of perforated hot dip galvanised MS sheets of minimum 2 mm thick with 75 mm flange to be installed horizontally or vertically. The cable tray shall be complete including cost of bends, elbows, cross, tees, reducers etc as per drawings/ site condition and rate shall include cost of anchor fasteners, screws, nuts, bolts and misc. other fixing hardware painting of support structure etc as required.	
	Notes:	
	i) Structural steel such as ISMC, ISA, flats, rods etc to be used for support shall be included in this item.	
	The contractor may refer to the tray installation drawings/ specification for this purpose.	
	ii) The cable tray shall be factory built. Bidder shall include in his price, required numbers of Tees, Crosses, Bends, Elbows etc as required as per actual site conditions.	
	iii) Earthing strip shall be paid separately under sub head "Earthing".	
	Ladder Type G.I. Cable Tray with GI Supports (Cable Trays on terrace shall be with GI covers) :	
	Cable trays as required for equipment shall be included in respective item.	
	following sizes:	
6.72	150mm wide	RMTR
6.73	100 mm wide	RMTR
	Z-PIECES	
	Supply and installation of RA intake with acoustic duct Z pieces of 450 / 600 / 900 mm length to suit site requirements & as shown on the approved drawing complete with:	
	a) Sheet steel enclosure	
	b) Acoustic Z piece duct (inside of duct sheets with both sides lining & a centre baffle sheet also lined on both sides with 10 mm thk Open Cell Armasound /K-Fonic Nitrile Rubber /Foam acoustic insulation- with Thermal conductivity 0.045 W/m deg.K / density 140~180 kg/m3, with manufacturer recommended adhesive bonding.	
	c) Z piece sample to be approved at site beforehand.	
6.74	Supply, installation, testing and commissioning of Z-PIECES. as per the supply air duct sizes shown in the drawings with 10 mm Accoustic Nitrile Rubber Insulation from inside.	SQMT
	as per the supply air duct sizes shown in the drawings	
	Exhaust Air Grille	
	Constant type louvers	
6.75	Supply,Installation & Commissioning of Constant type louvers . louvers at least 50mm deep will be made of G.I. construction and Aluminium with weather proof coating. Bird / insect screen will be provided with the louvers. The blades shall be inclined at 45 degree with bird net. The scope covers the fabricated support structure and site spray painting of the louvers.	SQMT
	THERMAL, ACOUSTIC INSULATION & UNDERDECK WORKS	
	Thermal Insulation for Duct	
	Supply, installation, testing and commissioning of Duct insulation with	
	following type fixed with adhesive as per manufacturers specs or using	
	shalikote primer & hot bitumen.Supply, fabrication & Installation of thermal insulation on GI ducts complete with Closed Cell Foam with minimum density of 40 Kg/m3 with minimum R Value 4.1/inch & thermal conductivity -0.035 w/mok confirming to Class 'O' & the inner side stuck to the outer facia of the GI ducts with recommended / Proprietary Synthetic adhesive bonding (SR998 or equivalent) & installed as per manufacturers recommendation. The insulation joints shall be sealed with 3" wide Black Tape. All adhesives, sealants, paints, resins etc. to have VOC level as permitted by LEED requirements.	
6.76	13 mm thick aluminium foil faced XLPE insulation for supply air ducts in return air path.	SQMT
6.77	10 mm thick aluminium foil faced XLPE insulation for supply air ducts in return air path. (ROUND / FLAT OVAL DUCT FROM INSIDE)	SQMT

6.03	10 HP (Side Discharge unit)	No.
	Accoustic Insulation for Duct	
	Supply, installation, testing and commissioning of Acoustic lining of duct	
	work with following type (Supply, fabrication and installation of acoustic lining of supply and return air ducts as specified and shown on the drawing complete with 10 mm thick acoustic insulation with Open Cell Foam Insulation - Microban antimicrobial product protection with Thermal conductivity 0.045 W/m deg.K / density 140~180 kg/m3, with manufacturer recommended adhesive 520 bonding. All adhesives, sealants, paints, resins etc. to have VOC level as permitted by LEED requirements.	
6.78	10 mm thick accoustic lining for AC DUCTS	SQMT
6.79	10 mm thick accoustic lining for initial portion of the ducting (FOR ROUND / FLAT OVAL DUCT)	SQMT
6.80	15 mm thick Nitrile Rubber open cell Armasound for IDU's Trap Door	SQMT

6.03	10 HP (Side Discharge unit)	No.
	VENTILATION FANS	
	INLINE / CABIENT FANS	
	FANS with motor, Starter panels/MCB , with potential free contacts for fire signal trip. SITC cubicle type Local Control Panels / DOL StarterPanels with MCB Single Phase Preventer/DP Switch	
	The inline fans & Cabinet fans shall be complete with Centrifugal fan, unit casing	
	access door, electrical connections canopy fan shall be suitable for	
	outdoor installation A/C contractor to include all accessories for installation	
	of inline fan with motors, starters, power cabling from power, sockets	
	nearby. Fresh air to have EU Filter with frame & bird screen.	
	Inline Ducted Circular / Rectangular fans shall be direct driven type with all accessories etc.complete as per specifications & drawings shall be included.	
	Quoted cost shall include control & starter panel, OLP, SPP, ON/OFF push buttons with ON indications, 2nos. non polarised NO-NC contacts. Fans shall able to be controlled from remote location by suitable arrangement.	
	Cabling: Power cabling of copper armoured cable from control panel to motor with double compression gland. Cabling and earthing limited to 10 RMT max. Contol cabling for hook up to BMS is not included here.	
	(Installation of fans shall mean unloading, lifting-shifting, positioning, levelling & installation in place)	
	For Exhaust Air	
6.81	Inline Circular Fan 300CFM @25 MM Static	NOS
6.82	Inline Circular Fan 100CFM @20 MM Static	NOS
	For Fresh Air(with Pre Filter 90% efficiency)	
6.83	Inline Circular Fan 550CFM @30 MM Static	NOS
6.84	Inline Circular Fan 350CFM @30 MM Static	NOS
6.85	Inline Circular Fan 300CFM @30 MM Static	NOS
6.86	Inline Circular Fan 160CFM @30 MM Static	NOS
	DRAIN PIPING	
	PVC Drain Pipe	
	Condensate Drain Water piping constructed out of PVC / HDPE hard pipes, fitting, accessories, bends, elbows, tees, flanges, tappings, wall sleeves, hangers, supports, anchors. . Drain piping in hard PVC with all fittings, supports and clamps upto 50 mm dia. including drilling hole in wall chipping wall etc to conceal and to route the drain pipe. The piping shall be suitably insulated with 19 mm thk Closed Cell foam Class O (Nitrile Rubber) / 60kg/m3 density stuck with approved adhesive compound. The insulation shall be covered with glass cloth and painted with rubberised paint.	
6.87	50 mm Dia	RMT
6.88	40 mm Dia	RMT
6.89	32 mm Dia	RMT
6.90	25 mm Dia	RMT
	ELECTRICAL WORK	
	Electrical contractor shall terminate power in individual switch socket for each IDU as per requirement. For VRF ODU incoming power shall be provided at the PDB / isolator, from there to each VRF ODU the cabling shall be carried out by HVAC contractor.	
	POWER CABLES FOR ODU	
	Supply, laying, dressing, termination, testing & commissioning	
	1100 V grade, aluminium/copper conductor, PVC insulated, steel	
	wire/strip armoured, PVC sheathed power and control cables	
	as per specs. Of following sizes, to be laid on trays including	
	clamping, as per specs.	
6.91	4c x 16 sqmm YRY cable (for 14 HP TO 20 HP ODU)	RMT
6.92	4c x 10 sqmm YRY cable (for 6 HP TO 12 HP ODU)	RMT

6.03	10 HP (Side Discharge unit)	No.
	POWER CABLES FOR IDU	
	Supply, laying, dressing, termination, testing & commissioning	
	1100 V grade, aluminium/copper conductor, PVC insulated, steel	
	wire/strip armoured, PVC sheathed power and control cables	
	as per specs. Of following sizes, to be laid on trays including	
	clamping, as per specs.	
6.93	4c x 2.5 sqmm YRY cable (for 1 HP TO 10 HP IDU)	RMT
6.94	4c x 2.5 sqmm YRY cable (for 16 & 20 HP IDU)	RMT
	CONTROL CABLES FOR BETWEEN ODU AND IDU	
	Supply & Installation of All control cables between indoor and outdoor unit and between ODU & ODU laid in PVC pipe and clamped .	
6.95	3c x 2.5 sqmm YRY cable	RMT
6.96	3c x 1.5 sqmm YRY cable for Fans	RMT
	CONTROL CABLES FOR BETWEEN IDU AND THEIR REMOTE	
	Supply & Installation of All control cables between indoor and their Remote laid in PVC pipe and clamped .	
6.97	2c x 1.5 sqmm YRY cable	RMT
	Earthing	
	Supply, installation, testing, commissioning laying & connection of	
	Earthing of following sizes.	
6.98	2R x 4 sqmm Copper Wire	RMT
6.99	2R x 2.5 sqmm Copper Wire	RMT



DOOR NO.	DESCRIPTION
D1	1000 x 2400 (VENEER FINISH)
D2	850 x 2400 (SOLID DOOR)
D3	2000 x 2400 (SOLID DOOR)
D4	900 x 2400 (TOILET SOLID DOOR)
D5	800 x 2400 (TOILET SOLID DOOR)
D6	2000 x 1200 (SECURITY ENTRANCE SWING DOOR)
D7	1000 x 2400 (LAMINATE FINISH)
FD	1000 x 2400 (FIRE DOOR)
V1	600 x 1000 (TOILET VENT)

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PROPOSED OFFICE INTERIORS AT
SEEPZ, MUMBAI, MAHARASHTRA

PEB CONSULTANTS :

STRUCTURAL CONSULTANTS :

ARCHITECTURAL DESIGN CONSULTANT :

CHORD DESIGN

06 B Zeenath Hsg. Soc. Behind German Bakery
Lane A - Koregaon Park, Pune - 411001
P : 02041213819
E : info@chorddesign.com

SUBJECT OF DRAWING :

FURNITURE LAYOUT

CAD FILE :

DEALT: SALONI	DATE: 04.04.2025	PROJECT NO.
CHECKED: MIHIR	SCALE: 1:100 (A2)	SDN 24.Ar

DRAWING NO. :

FD-001

REVISION NO.

R1



LIGHTING LEGEND

W01	HYBEC- GALRE LESS DARK REFLECTOR SERIES, LED MODULE LIGHT (MODELNO- PRO-104), 15W COB, WHITE COLOR BODY, 38DEG AND 55DEG BEAM ANGLE DIMENSION: DIA=55MM, H=72MM, 4000K/5000K.	
H01	HYBEC DC 48V LINER SPOT LIGHT -10W, BLACK COLOR BODY, 100LM / W FIXTURE OUTPUT, 36 DEG BEAM ANGLE, 4000K/5000K. L=205MM, B=24.5, H=45MM	
W04	WIPRO (VERTICA) SUSPENDED CYLINDER 20W LED LIGHT FIXTURE WITH 36 DEG BEAM ANGLE, SIZE - DIA 80MM, HT = 165 MM, 4000K/5000K. LD30-201-36B-40-PS	
W02	WIPRO (Stylus with Standard Diffuser) LM43-321-XXX-57-WX, DOWN 30W L=1200 LED, BLACK COLOR BODY, CONTINUOUS LINEAR SUSPENDED LIGHT FIXTURE, THE LIGHT DISTRIBUTION SHALL BE UNIFORM WITH NO HOT SPOTS. 4000K/5000K.	
W03	WIPRO (Stylus with Standard Diffuser) LM43-651-XXX-57-WX, DOWN 40W L=2400 LED, BLACK COLOR BODY, CONTINUOUS LINEAR SUSPENDED LIGHT FIXTURE, THE LIGHT DISTRIBUTION SHALL BE UNIFORM WITH NO HOT SPOTS. 4000K/5000K.	
W06	MAIN CABIN SPOT LIGHT IN RAFTER WOODEN CEILING 4000K.	
W07	Philips Slimline Super Bright LED Tube light 30W Product SKU- 919415920162	

DOOR NO.	DESCRIPTION
D1	1000 x 2400 (VENEER FINISH)
D2	850 x 2400 (SOLID DOOR)
D3	2000 x 2400 (SOLID DOOR)
D4	900 x 2400 (TOILET SOLID DOOR)
D5	800 x 2400 (TOILET SOLID DOOR)
D6	2000 x 1200 (SECURITY ENTRANCE SWING DOOR)
D7	1000 x 2400 (LAMINATE FINISH)
FD	1000 x 2400 (FIRE DOOR)
V1	600 x 1000 (TOILET VENT)

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R1	18.03.2025	CEILING LAYOUT REVISED

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PROJECT : PROPOSED OFFICE INTERIORS AT SEEPZ, MUMBAI, MAHARASHTRA

PEB CONSULTANTS :

STRUCTURAL CONSULTANTS :

ARCHITECTURAL DESIGN CONSULTANT :

CHORD DESIGN
06 B Zeenath Hsg. Soc. Behind German Bakery
Lane A - Koregaon Park, Pune - 411001
P. 02041213819
E. info@chorddesign.com

SUBJECT OF DRAWING :

REFLECTED CEILING PLAN

CAD FILE :			
DEALT :	SALONI	DATE :	04.04.2025
CHECKED :	MIHIR	SCALE :	1:100 (A2)
DRAWING NO. :			FD-004
			REVISION NO. R1



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	00.00.2025		

REVISIONS :

REV.No.	REV. DATE	REMARKS

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PROJECT :
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SEEPZ, MUMBAI, MAHARASHTRA

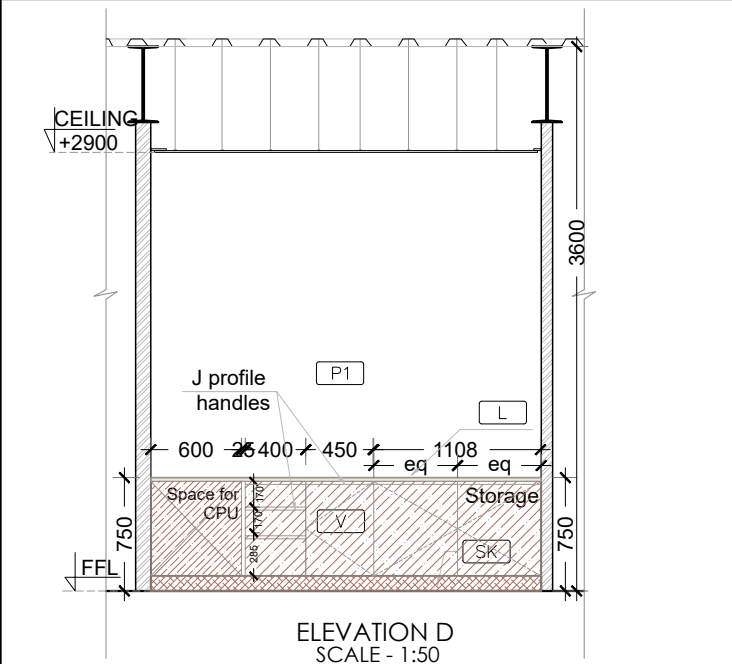
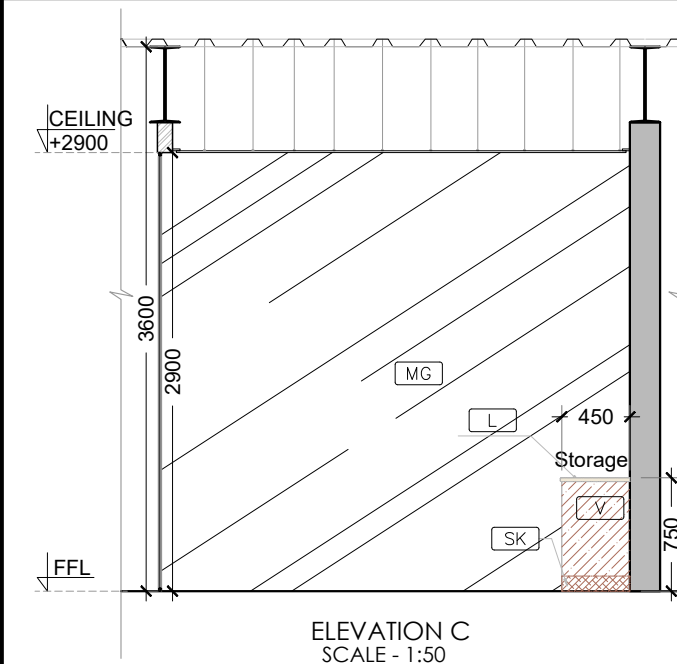
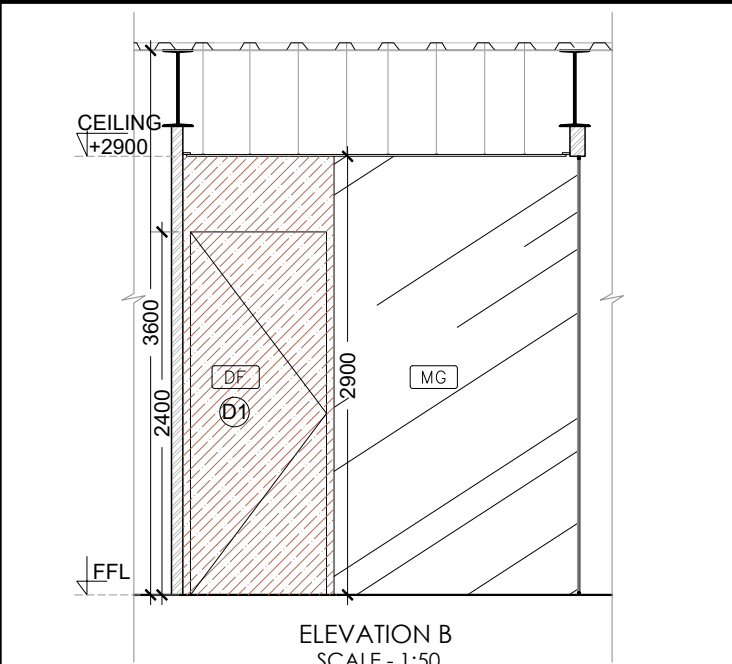
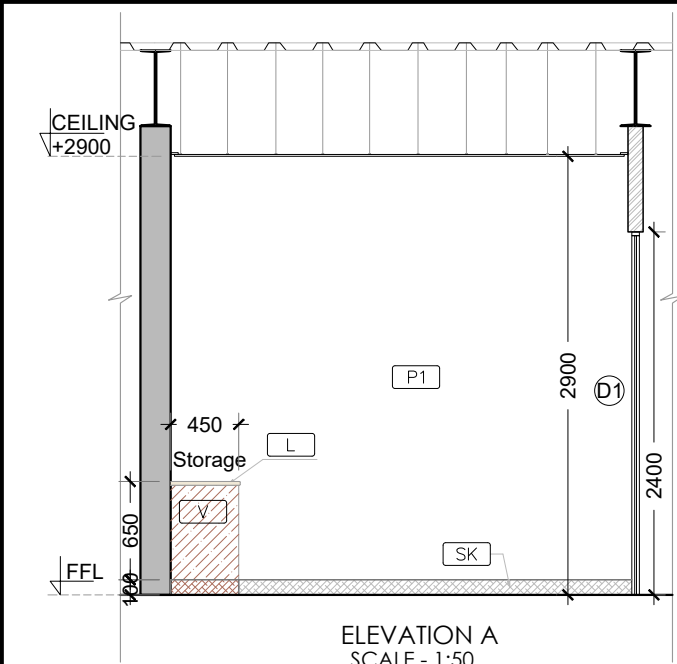
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STRUCTURAL CONSULTANTS :

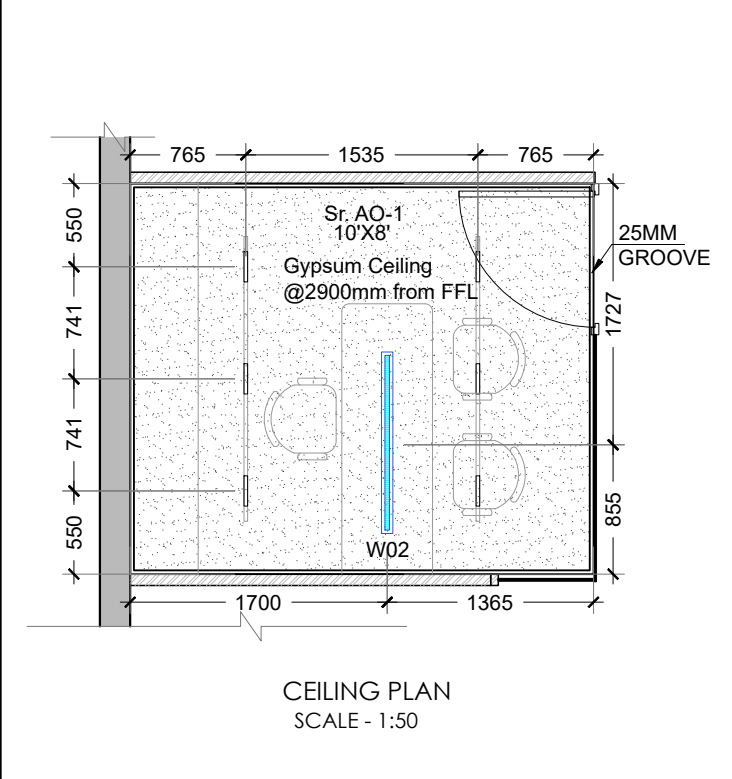
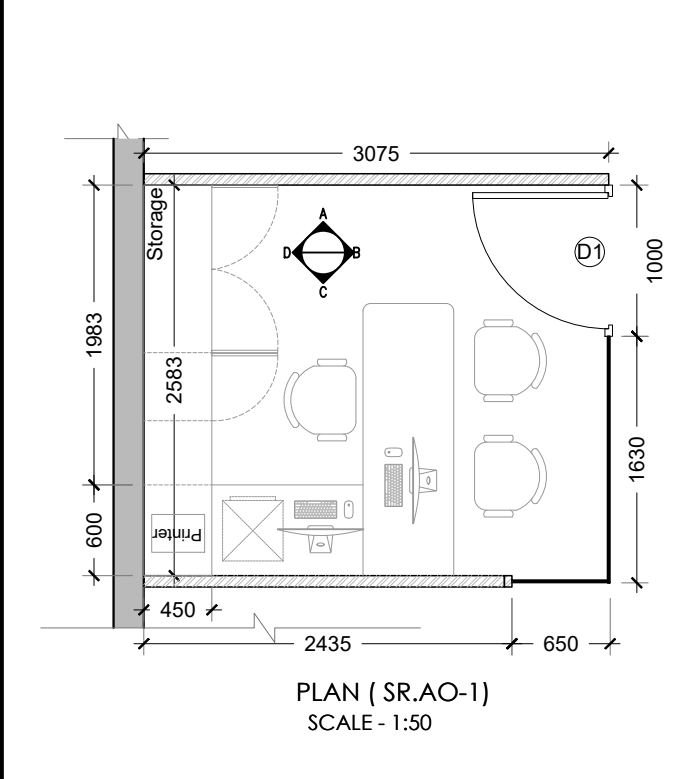
ARCHITECTURAL DESIGN CONSULTANT :
CHORD DESIGN
06 B Zeenath Hsg. Soc. Behind German Bakery
Lane A - Koregaon Park, Pune - 411001
P. 02041213819
E. info@chorddesign.com

SUBJECT OF DRAWING :
**PARTITION SETTING OUT LAYOUT
& TYPES**

CAD FILE :	DEALT :	DATE :	PROJECT NO.
	SALONI	04.04.2025	SDN.24.Ar
CHECKED :	SCALE :	1:100 (A2)	SDN.24.Ar
DRAWING NO. :	FD-002	REVISION NO.	R0

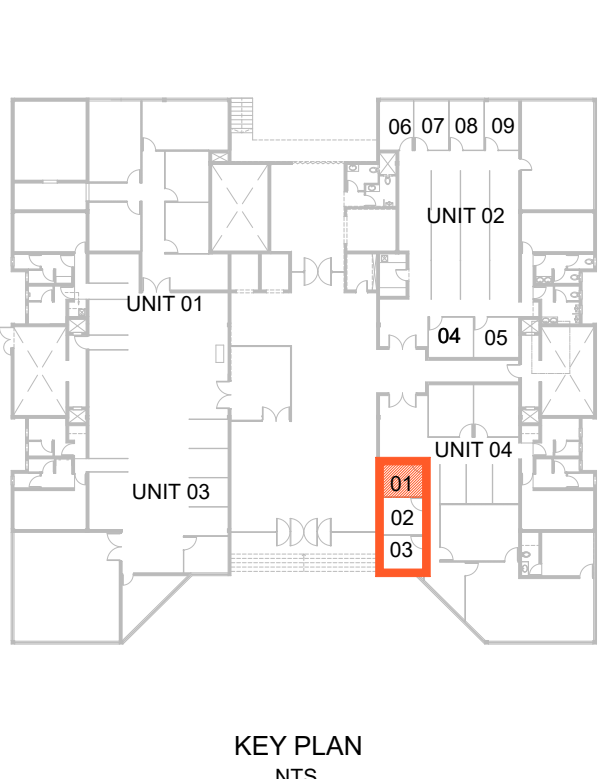


LIGHTING LEGEND		
W01	HYBEC- GALRE LESS DARK REFLECTOR SERIES, LED MODULE LIGHT (MODELNO-PRO-104), 15W COB, WHITE COLOR BODY, 38DEG AND 55DEG BEAM ANGLE DIMENSION: DIA=55MM,H=72MM, 4000K/5000K.	
H01	HYBEC DC 48VLINER SPOT LIGHT -10W, BLACK COLOR BODY, 100LM / W FIXTURE OUTPUT, 36 DEG BEAM ANGLE, 4000K/5000K. L=205MM,B=24.5,H=45MM	
W04	WIPRO (VERTICA) SUSPENDE CYLINDER 20W LED LIGHT FIXTURE WITH 36 DEG BEAM ANGLE , SIZE - DIA 80MM, HT = 165 MM, 4000K/5000K. LD30-201-36B-40-PS	
W02	WIPRO (Stylus with Standard Diffuser) LM43-321-XXX-57-WX, DOWN 30W L=1200 LED, BLACK COLOR BODY, CONTINUOUS LINEAR SUSPENDED LIGHT FIXTURE, THE LIGHT DISTRIBUTION SHALL BE UNIFORM WITH NO HOT SPOTS . 4000K/5000K.	
W03	WIPRO (Stylus with Standard Diffuser) LM43-651-XXX-57-WX, DOWN 40W L=2400 LED, BLACK COLOR BODY, CONTINUOUS LINEAR SUSPENDED LIGHT FIXTURE, THE LIGHT DISTRIBUTION SHALL BE UNIFORM WITH NO HOT SPOTS . 4000K/5000K.	
W06	MAIN CABIN SPOT LIGHT IN RAFTER WOODEN CEILING 4000K.	



WALL & JOINERY FINISHES		
	V	VENEER
	L	CUBBOARD LAMINATE
	WP	WALL PANELING
	OG	OUTDOOR GLAZING WITH CURTAIN BLINDS
	SK	SKIRTING (50MM)
	MG	MODULAR GLASS PARTITION
	BP	LACQUERED GLASS / BACK PAINTED GLASS
	P1	APPROVED PAINT
		GYPSUM BOARD CEILING @2900MM FROM FFL

DOOR NO.	DESCRIPTION
D1	1000 x 2400 (VENEER FINISH)
D2	850 x 2400 (SOLID DOOR)
D3	2000 x 2400 (SOLID DOOR)
D4	900 x 2400 (TOILET SOLID DOOR)
D5	800 x 2400 (TOILET SOLID DOOR)
D6	2000 x 1200 (SECURITY ENTRANCE SWING DOOR)
D7	1000 x 2400 (LAMINATE FINISH)
FD	1000 x 2400 (FIRE DOOR)
V1	600 x 1000 (TOILET VENT)



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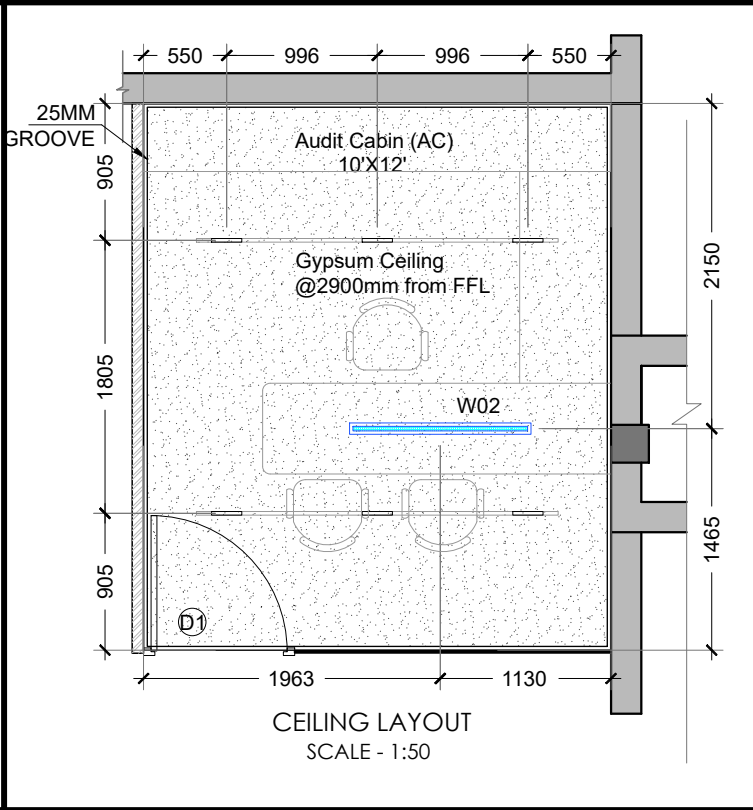
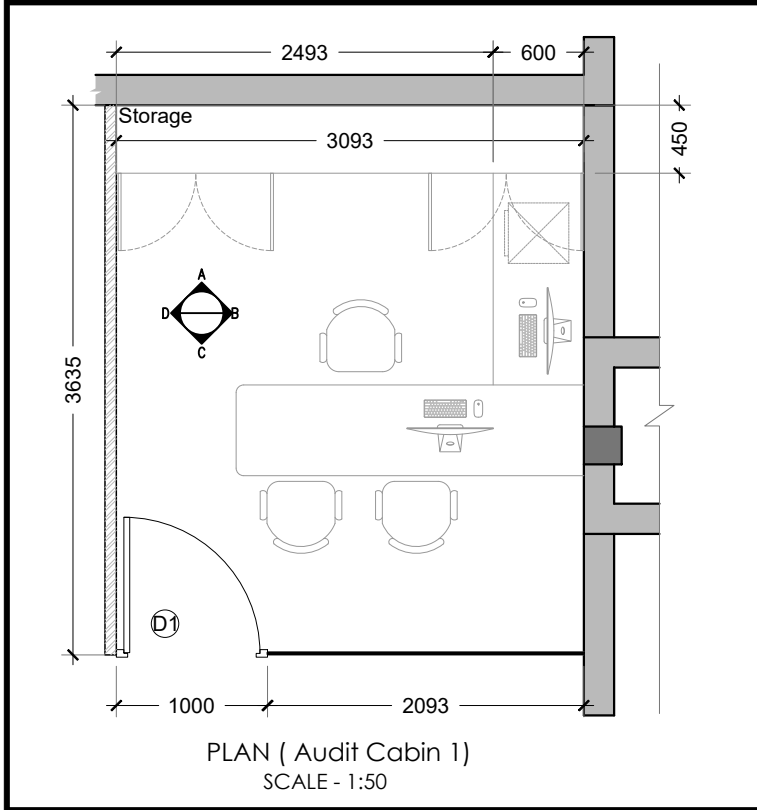
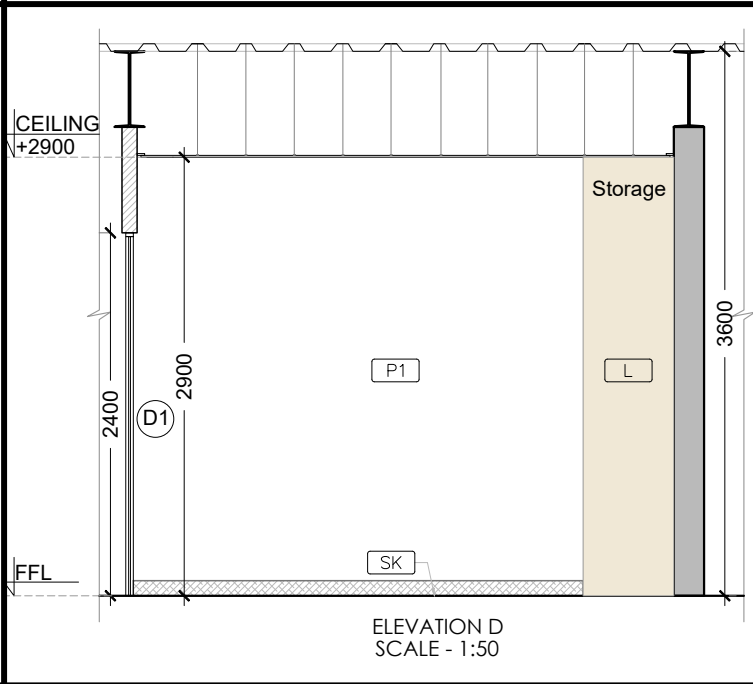
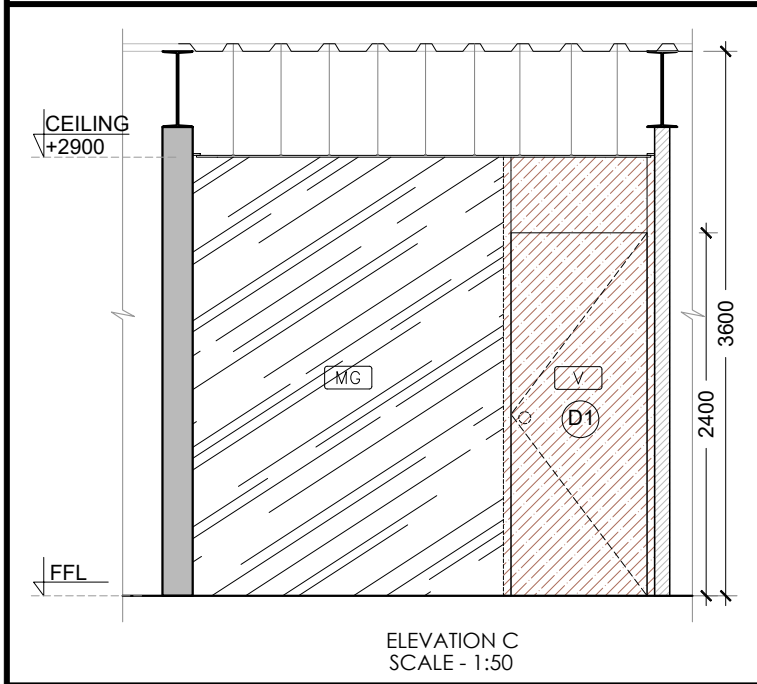
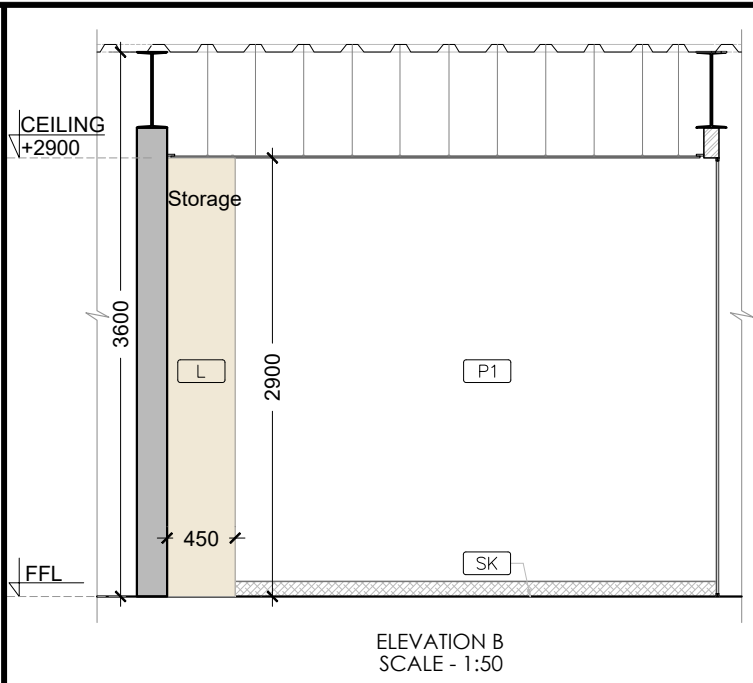
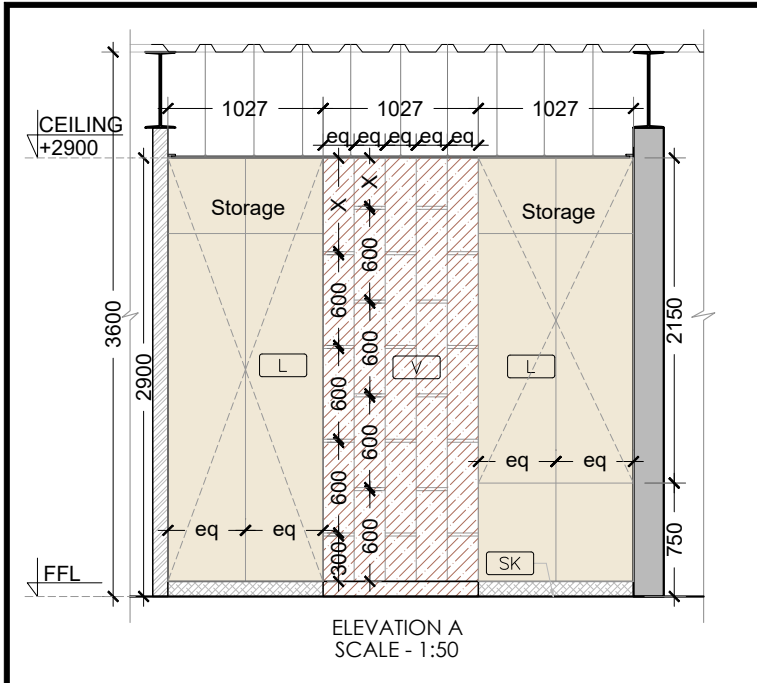
PEB CONSULTANTS :

STRUCTURAL CONSULTANTS :

ARCHITECTURAL DESIGN CONSULTANT :
CHORD DESIGN
06 B Zeenath Hsg. Soc. Behind German Bakery
Lane A – Koregaon Park, Pune - 411001
P 02041213819
E info@chorddesign.com

SUBJECT OF DRAWING :
UNIT04 - SR A0-01 ,02 & 03

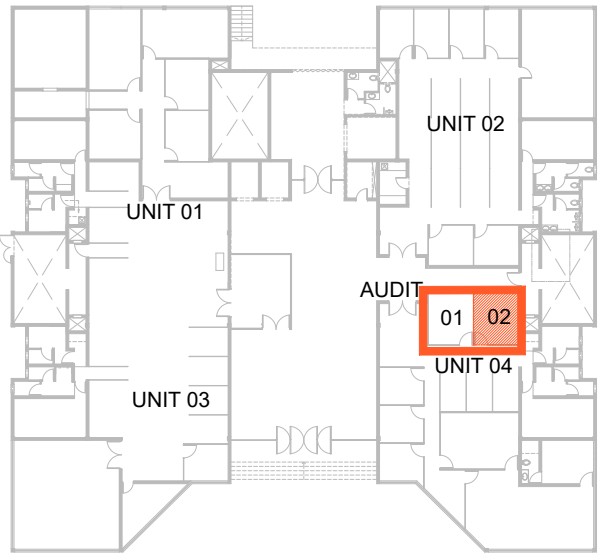
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CHECKED :	MIHIR	SCALE :	1:50 (A3)
DRAWING NO. :	EL-03		PROJECT NO. SDN.24 Ar
			REVISION NO. R0



LIGHTING LEGEND

W01	HYBEC- GALRE LESS DARK REFLECTOR SERIES, LED MODULE LIGHT (MODELNO-PRO-104), 15W COB, WHITE COLOR BODY, 38DEG AND 55DEG BEAM ANGLE DIMENSION: DIA=55MM,H=72MM, 4000K/5000K.	
H01	HYBEC DC 48V LINER SPOT LIGHT -10W, BLACK COLOR BODY, 100LM / W FIXTURE OUTPUT, 36 DEG BEAM ANGLE, 4000K/5000K. L=205MM,B=24.5,H=45MM	
W04	WIPRO (VERTICA) SUSPENDED CYLINDER 20W LED LIGHT FIXTURE WITH 36 DEG BEAM ANGLE . SIZE - DIA 80MM, HT = 165 MM, 4000K/5000K. LD30-201-36B-40-PS	
W02	WIPRO (Stylus with Standard Diffuser) LM43-321-XXX-57-WX, DOWN 30W L=1200 LED, BLACK COLOR BODY, CONTINUOUS LINEAR SUSPENDED LIGHT FIXTURE, THE LIGHT DISTRIBUTION SHALL BE UNIFORM WITH NO HOT SPOTS . 4000K/5000K.	
W03	WIPRO (Stylus with Standard Diffuser) LM43-651-XXX-57-WX, DOWN 40W L=2400 LED, BLACK COLOR BODY, CONTINUOUS LINEAR SUSPENDED LIGHT FIXTURE, THE LIGHT DISTRIBUTION SHALL BE UNIFORM WITH NO HOT SPOTS . 4000K/5000K.	
W06	MAIN CABIN SPOT LIGHT IN RAFTER WOODEN CEILING 4000K.	

WALL & JOINERY FINISHES		
	V	VENEER
	L	CUBBOARD LAMINATE
	WP	WALL PANELING
	OG	OUTDOOR GLAZING WITH CURTAIN BLINDS
	SK	SKIRTING (50MM)
	MG	MODULAR GLASS PARTITION
	BP	LACQUERED GLASS / BACK PAINTED GLASS
	P1	APPROVED PAINT
		GYPSUM BOARD CEILING @2900MM FROM FFL
DOOR NO.	DESCRIPTION	
D1	1000 x 2400 (VENEER FINISH)	
D2	850 x 2400 (SOLID DOOR)	
D3	2000 x 2400 (SOLID DOOR)	
D4	900 x 2400 (TOILET SOLID DOOR)	
D5	800 x 2400 (TOILET SOLID DOOR)	
D6	2000 x 1200 (SECURITY ENTRANCE SWING DOOR)	
D7	1000 x 2400 (LAMINATE FINISH)	
FD	1000 x 2400 (FIRE DOOR)	
V1	600 x 1000 (TOILET VENT)	



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NTS

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PROPOSED OFFICE INTERIORS AT
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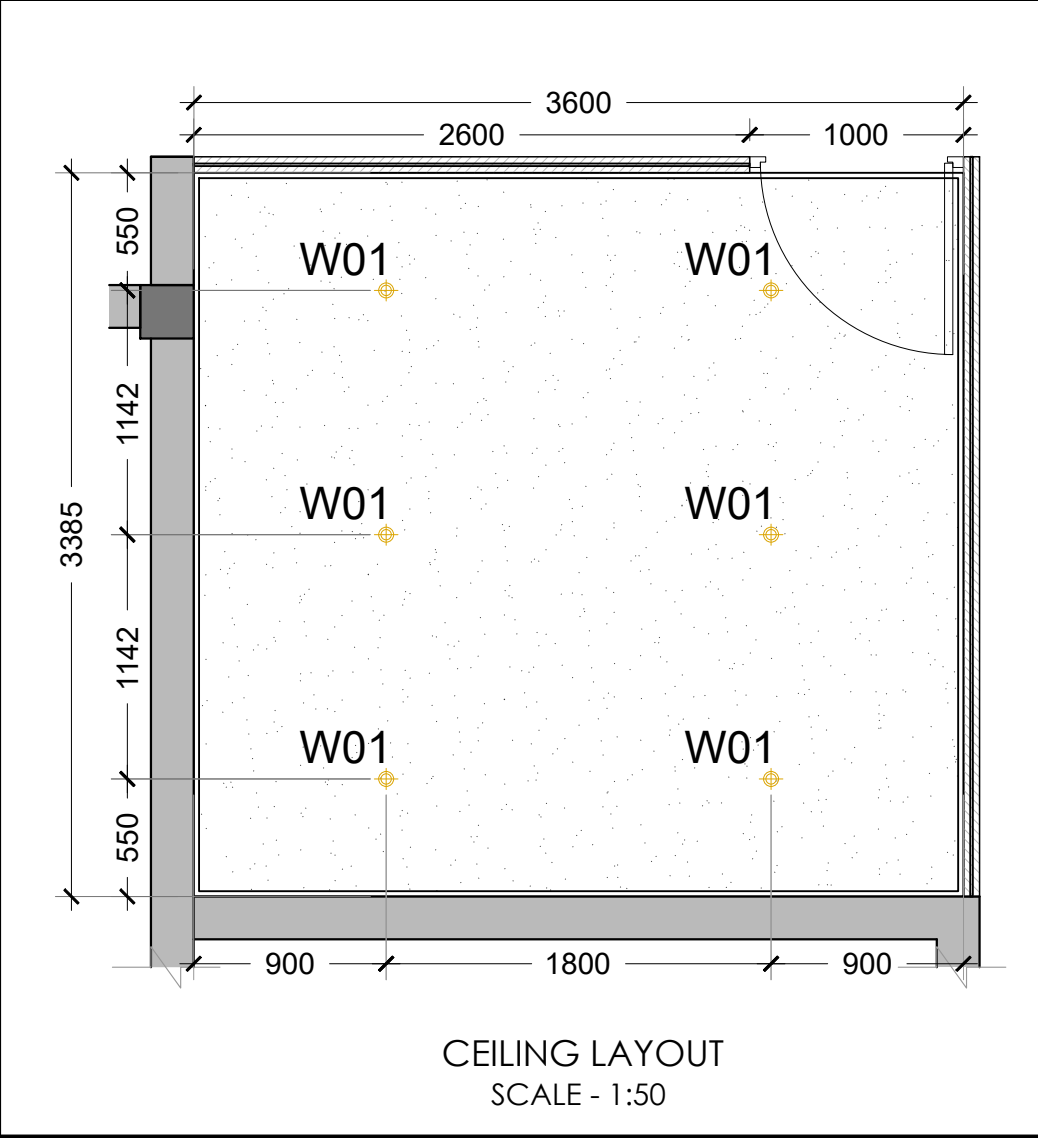
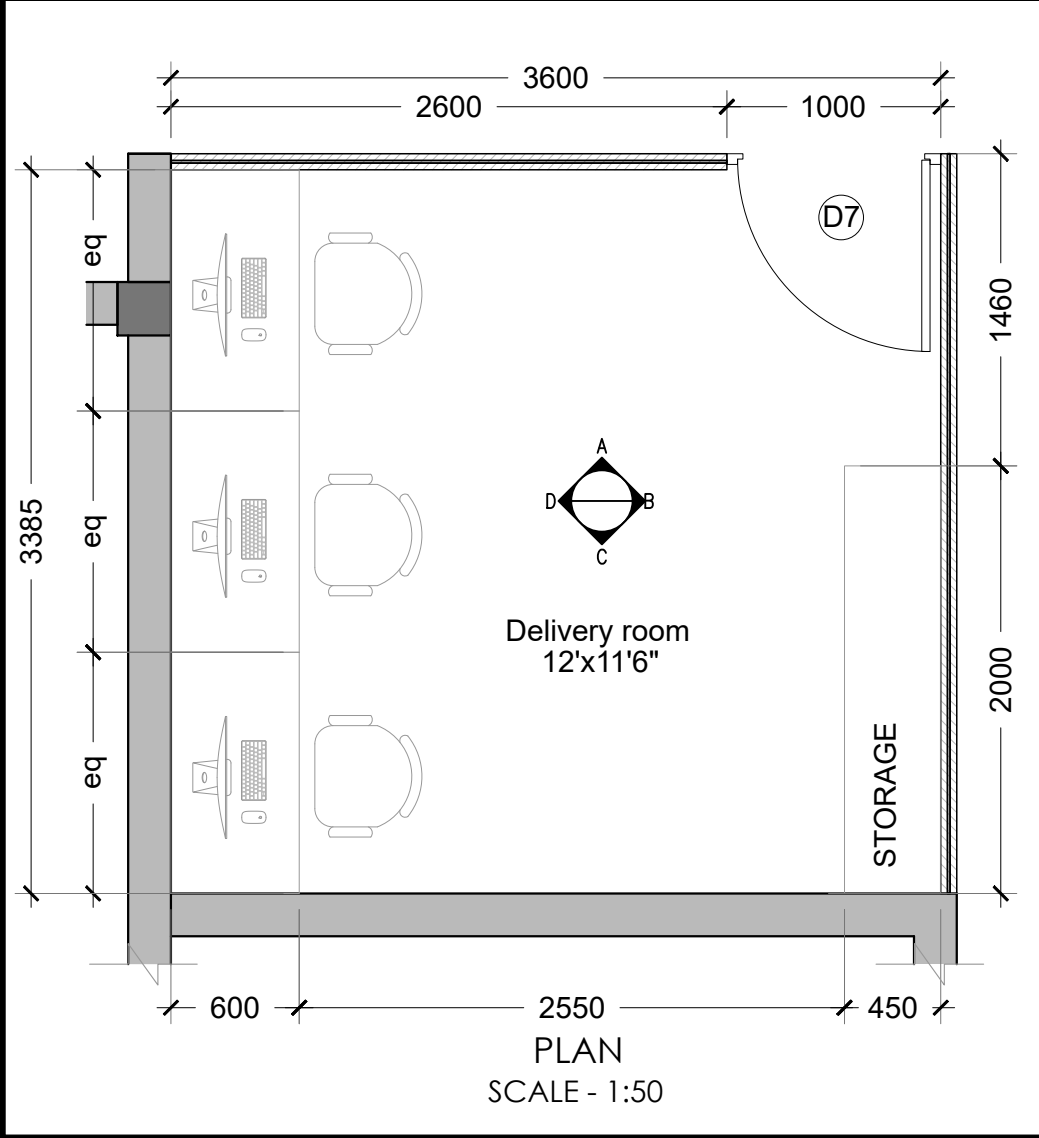
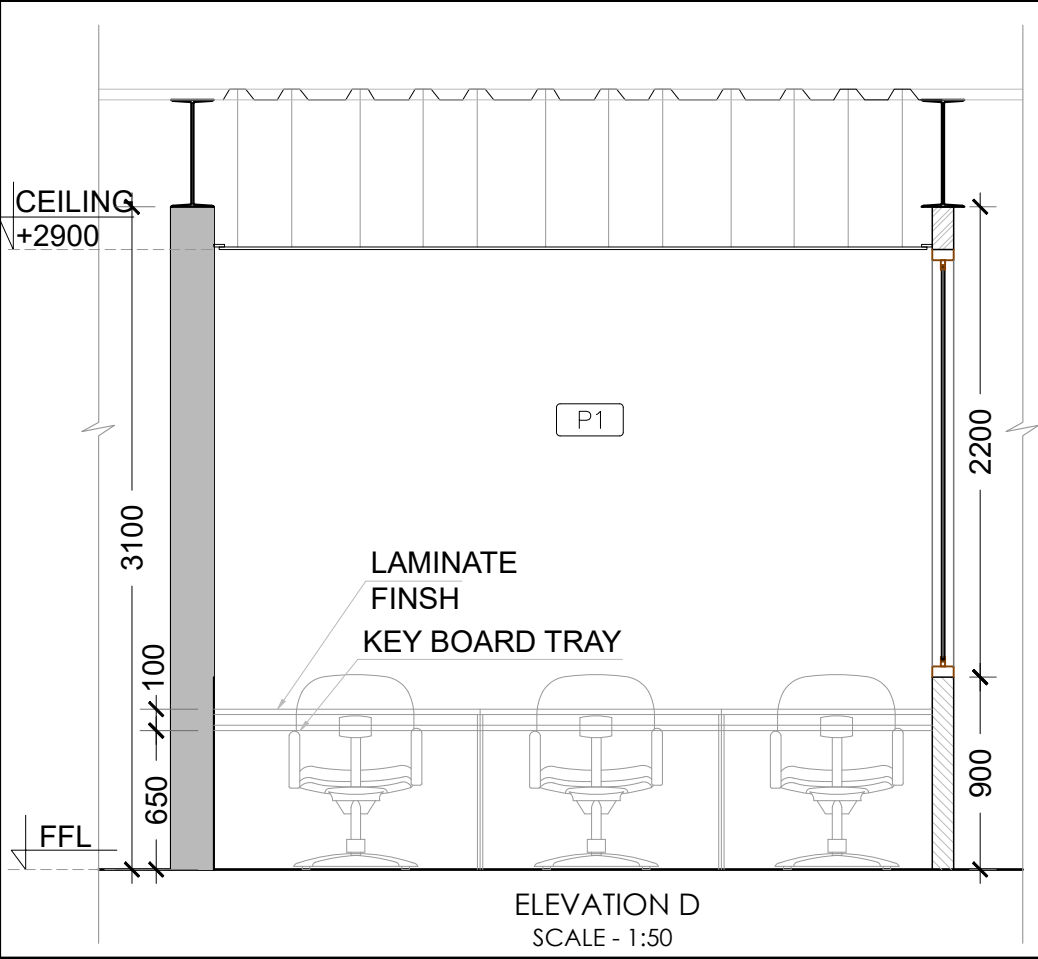
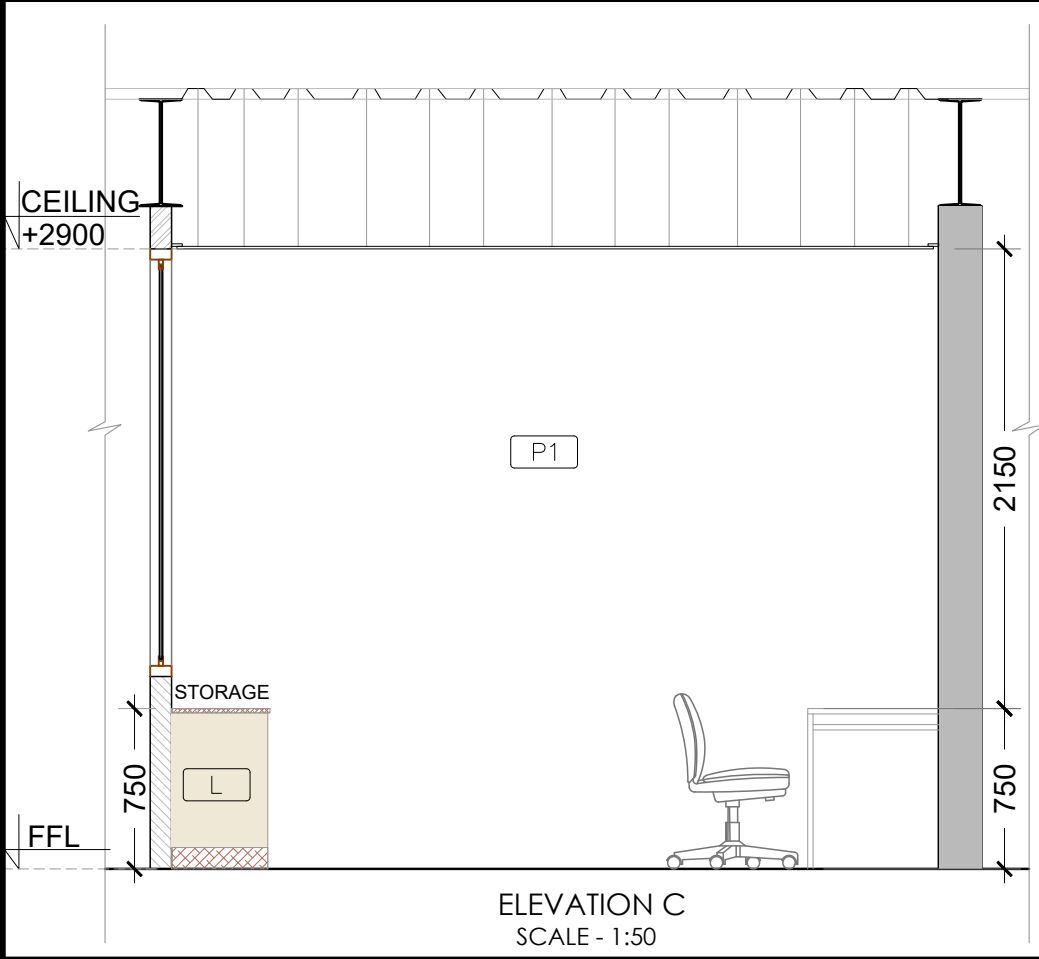
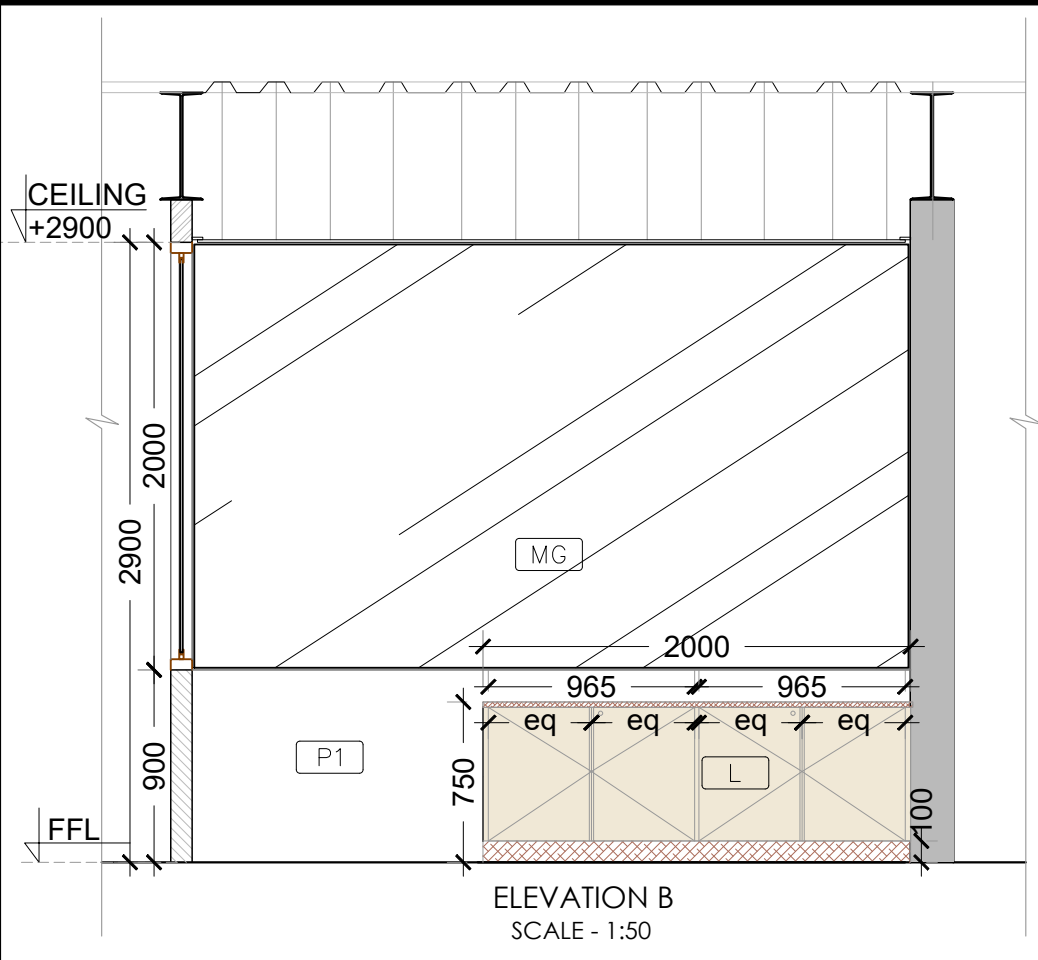
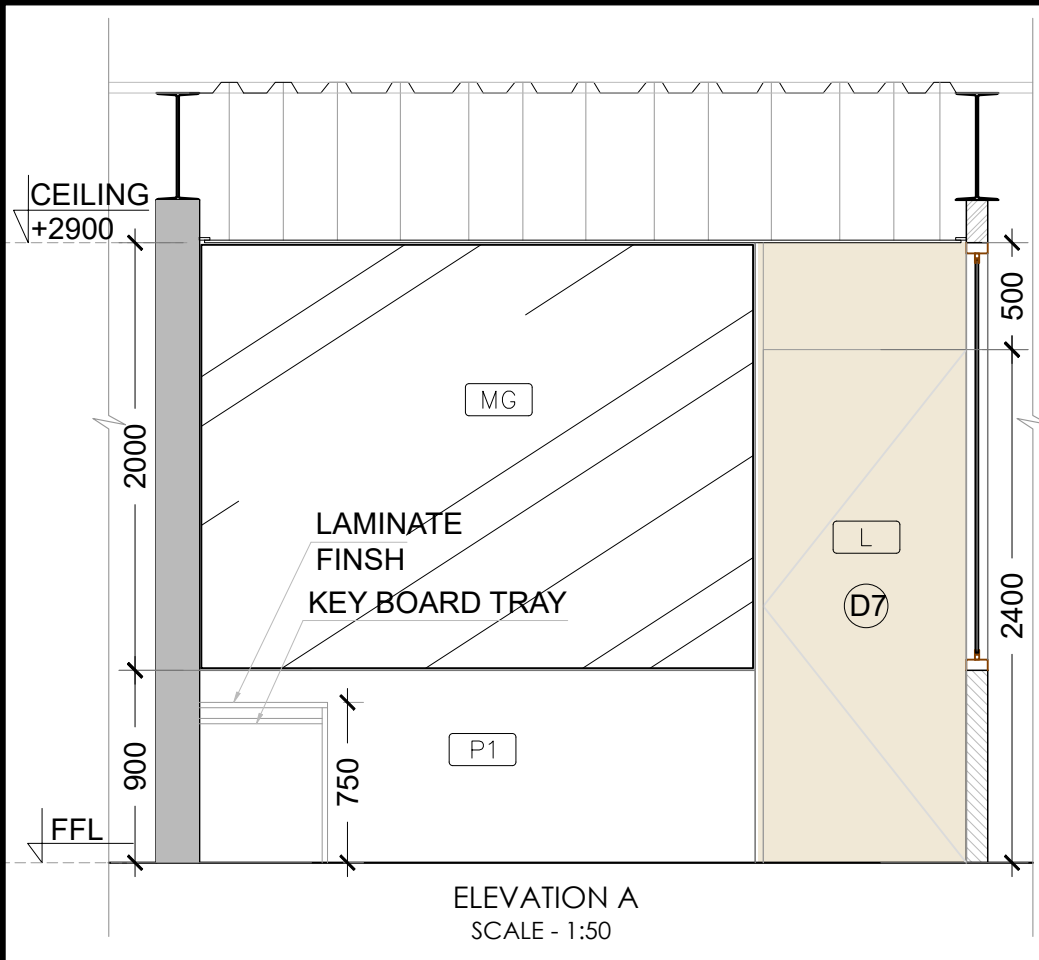
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ARCHITECTURAL DESIGN CONSULTANT :
CHORD DESIGN
06 B Zeenath Hsg. Soc. Behind German Bakery
Lane A – Koregaon Park, Pune - 411001
P 02041213819
E info@chorddesign.com

SUBJECT OF DRAWING :
UNIT04 - AUDIT CABIN-01 & 02

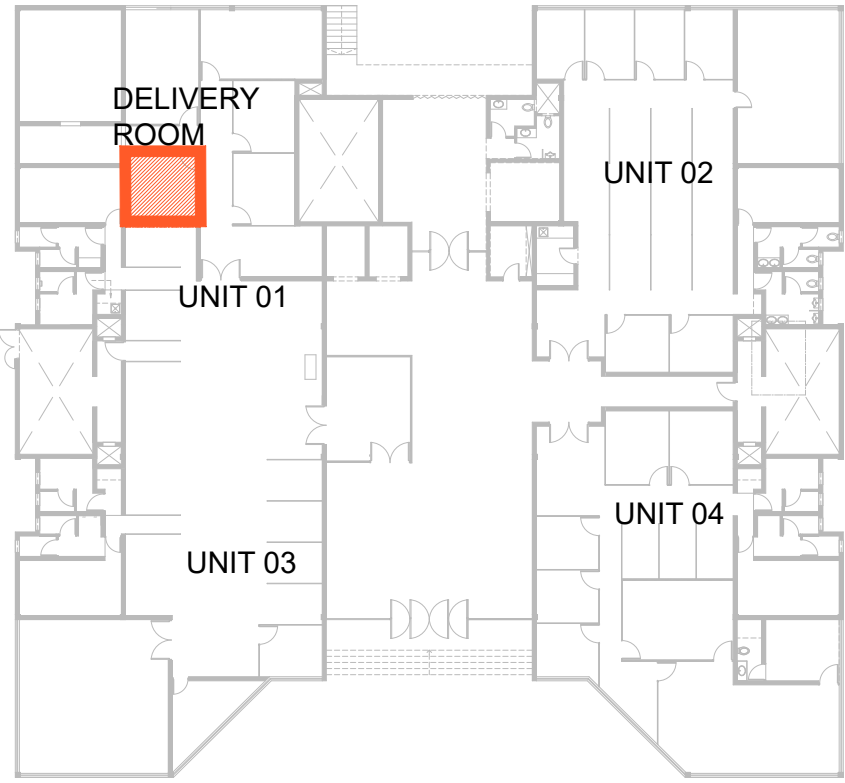
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CHECKED :	MIHIR	SCALE :	1:50 (A3)
DRAWING NO. :	EL-04		REVISION NO. : R0



LIGHTING LEGEND

W01	HYBEC- GALRE LESS DARK REFLECTOR SERIES, LED MODULE LIGHT (MODELNO-PRO-104), 15W COB, WHITE COLOR BODY, 38DEG AND 55DEG BEAM ANGLE DIMENSION: DIA=55MM,H=72MM, 4000K/5000K.	
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W02	WIPRO (Stylus with Standard Diffuser) LM43-321-XXX-57-WX, DOWN 30W L=1200 LED, BLACK COLOR BODY, CONTINUOUS LINEAR SUSPENDED LIGHT FIXTURE, THE LIGHT DISTRIBUTION SHALL BE UNIFORM WITH NO HOT SPOTS . 4000K/5000K.	
W03	WIPRO (Stylus with Standard Diffuser) LM43-651-XXX-57-WX, DOWN 40W L=2400 LED, BLACK COLOR BODY, CONTINUOUS LINEAR SUSPENDED LIGHT FIXTURE, THE LIGHT DISTRIBUTION SHALL BE UNIFORM WITH NO HOT SPOTS . 4000K/5000K.	
W06	MAIN CABIN SPOT LIGHT IN RAFTER WOODEN CEILING 4000K.	

WALL & JOINERY FINISHES		
	V	VENEER
	L	CUBBOARD LAMINATE
	WP	WALL PANELING
	OG	OUTDOOR GLAZING WITH CURTAIN BLINDS
	SK	SKIRTING (50MM)
	MG	MODULAR GLASS PARTITION
	BP	LACQUERED GLASS / BACK PAINTED GLASS
	P1	APPROVED PAINT
		GYPSUM BOARD CEILING @2900MM FROM FFL
DOOR NO.	DESCRIPTION	
D1	1000 x 2400 (VENEER FINISH)	
D2	850 x 2400 (SOLID DOOR)	
D3	2000 x 2400 (SOLID DOOR)	
D4	900 x 2400 (TOILET SOLID DOOR)	
D5	800 x 2400 (TOILET SOLID DOOR)	
D6	2000 x 1200 (SECURITY ENTRANCE SWING DOOR)	
D7	1000 x 2400 (LAMINATE FINISH)	
FD	1000 x 2400 (FIRE DOOR)	
V1	600 x 1000 (TOILET VENT)	



KEY PLAN
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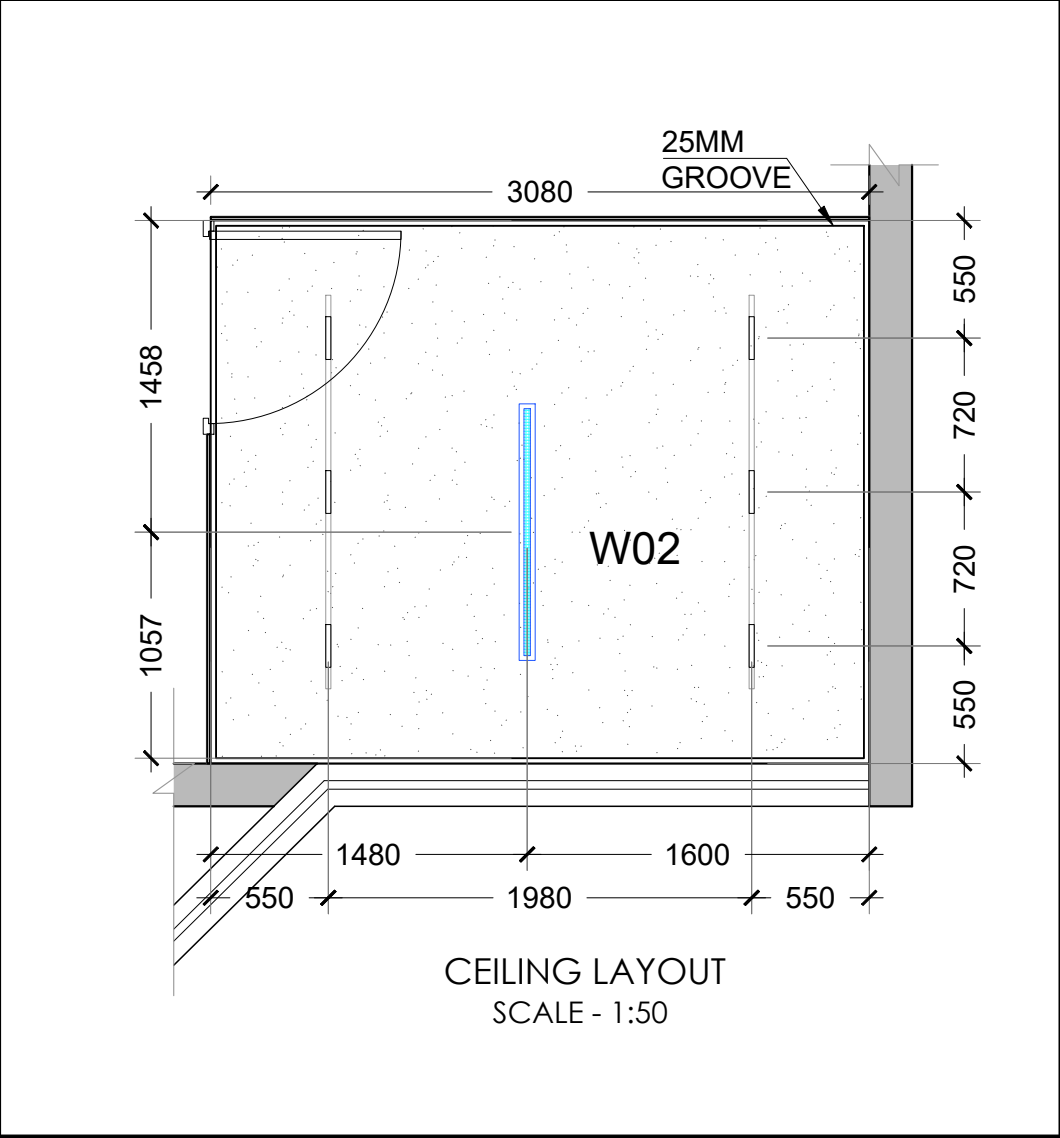
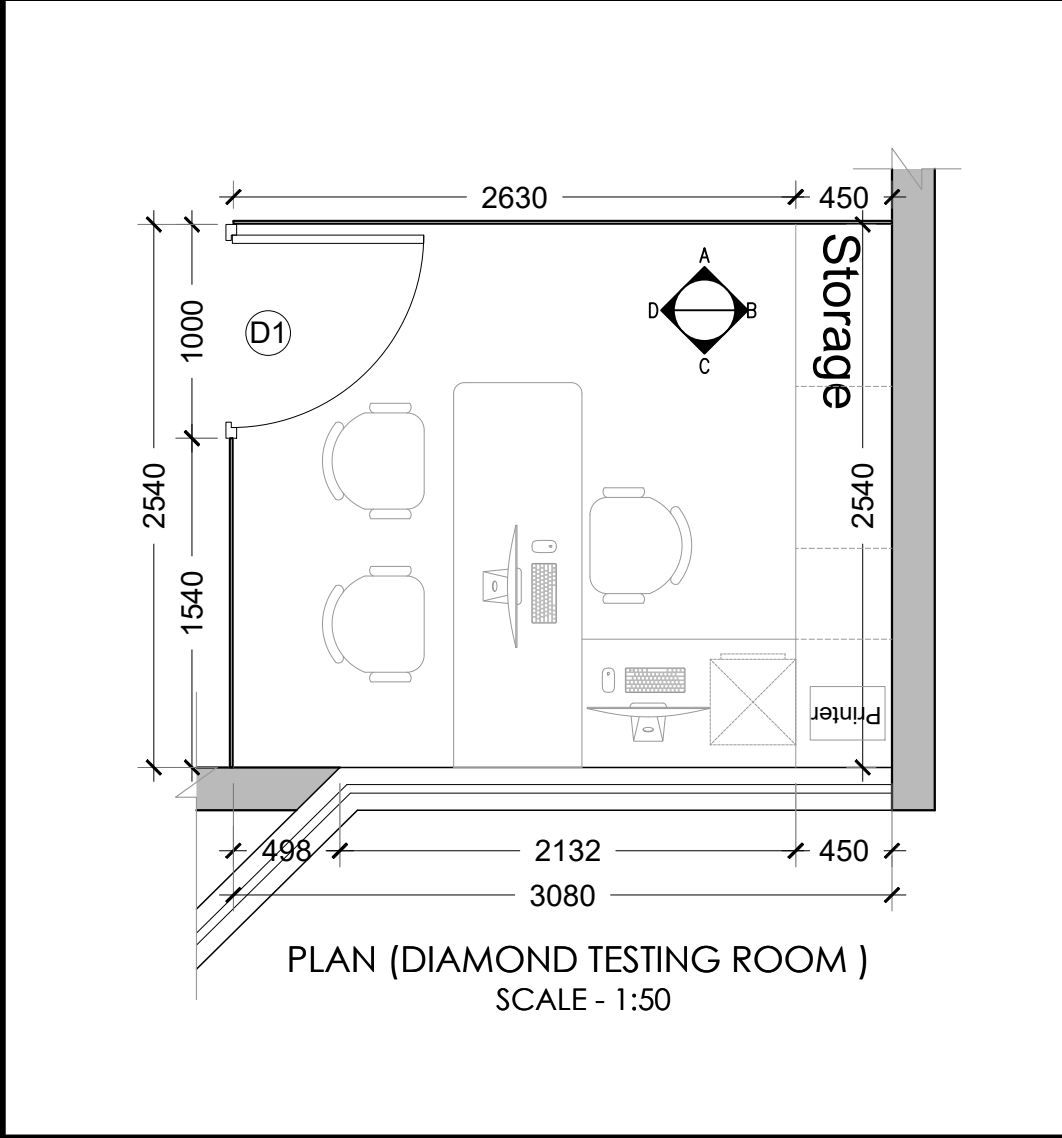
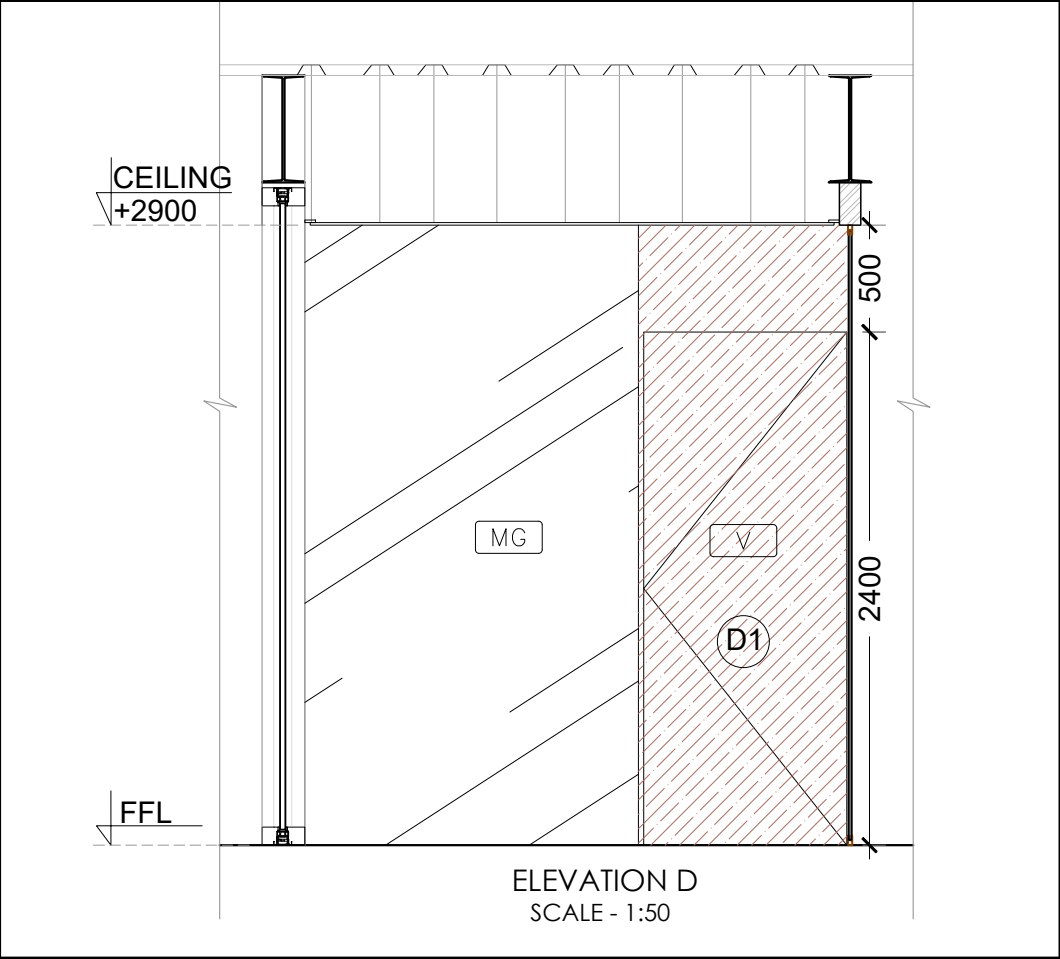
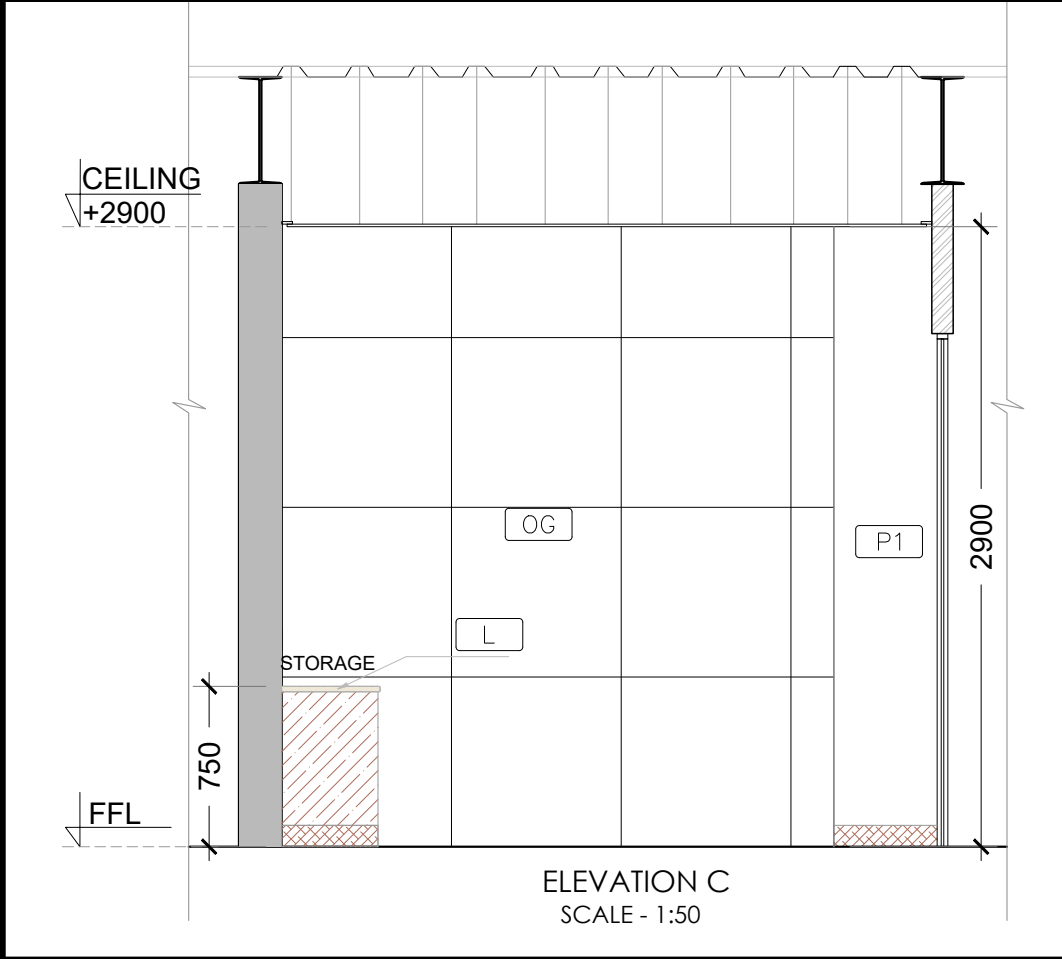
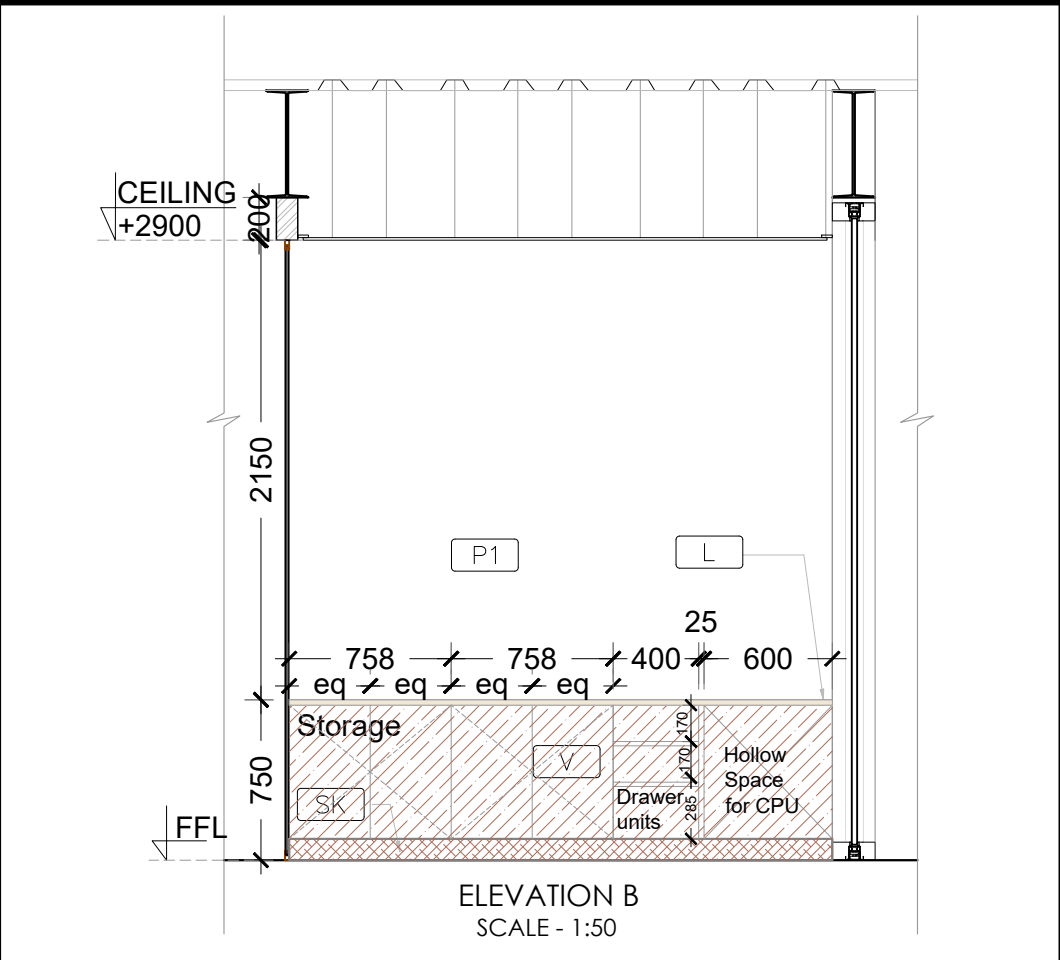
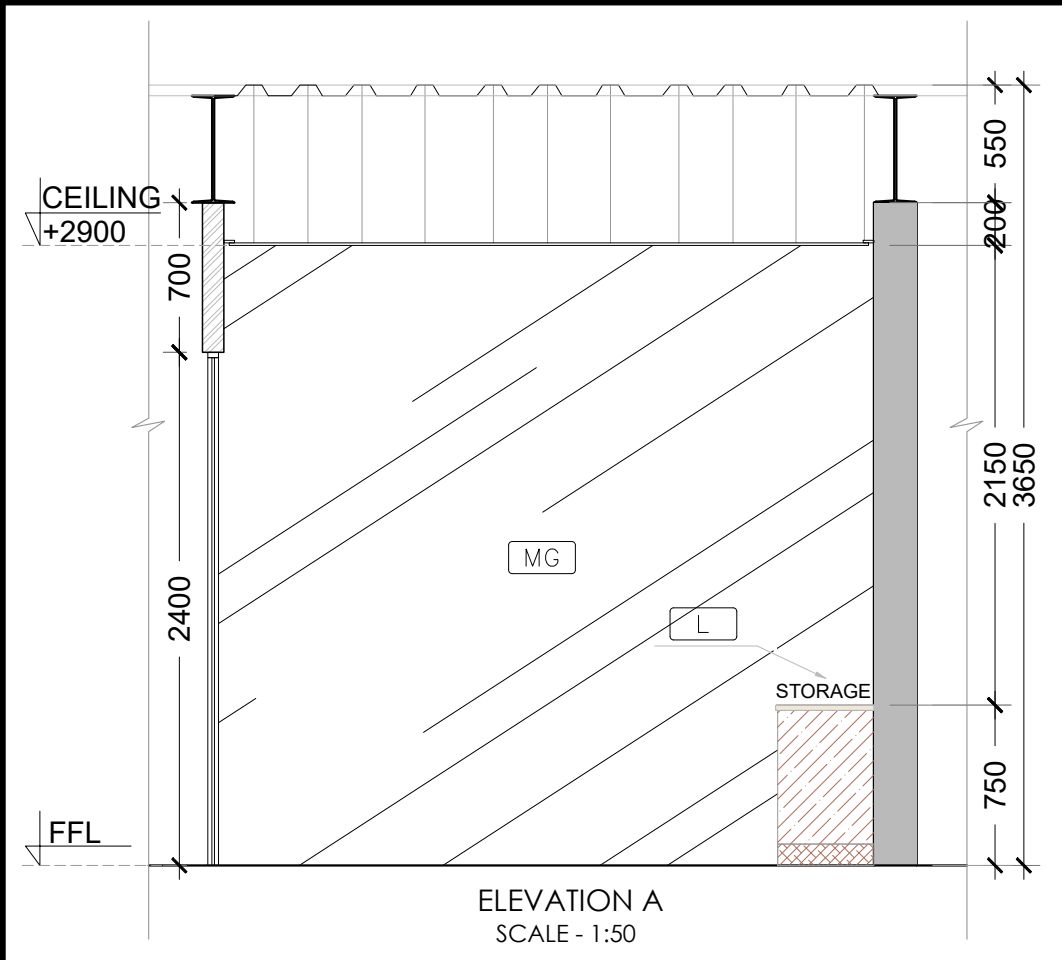
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STRUCTURAL CONSULTANTS :

ARCHITECTURAL DESIGN CONSULTANT :
CHORD DESIGN
06 B Zeevath Hsg. Soc. Behind German Bakery
Lane A - Koregaon Park, Pune - 411001
P 02041213819
E info@chorddesign.com

SUBJECT OF DRAWING :
UNIT01 - DELIVERY ROOM

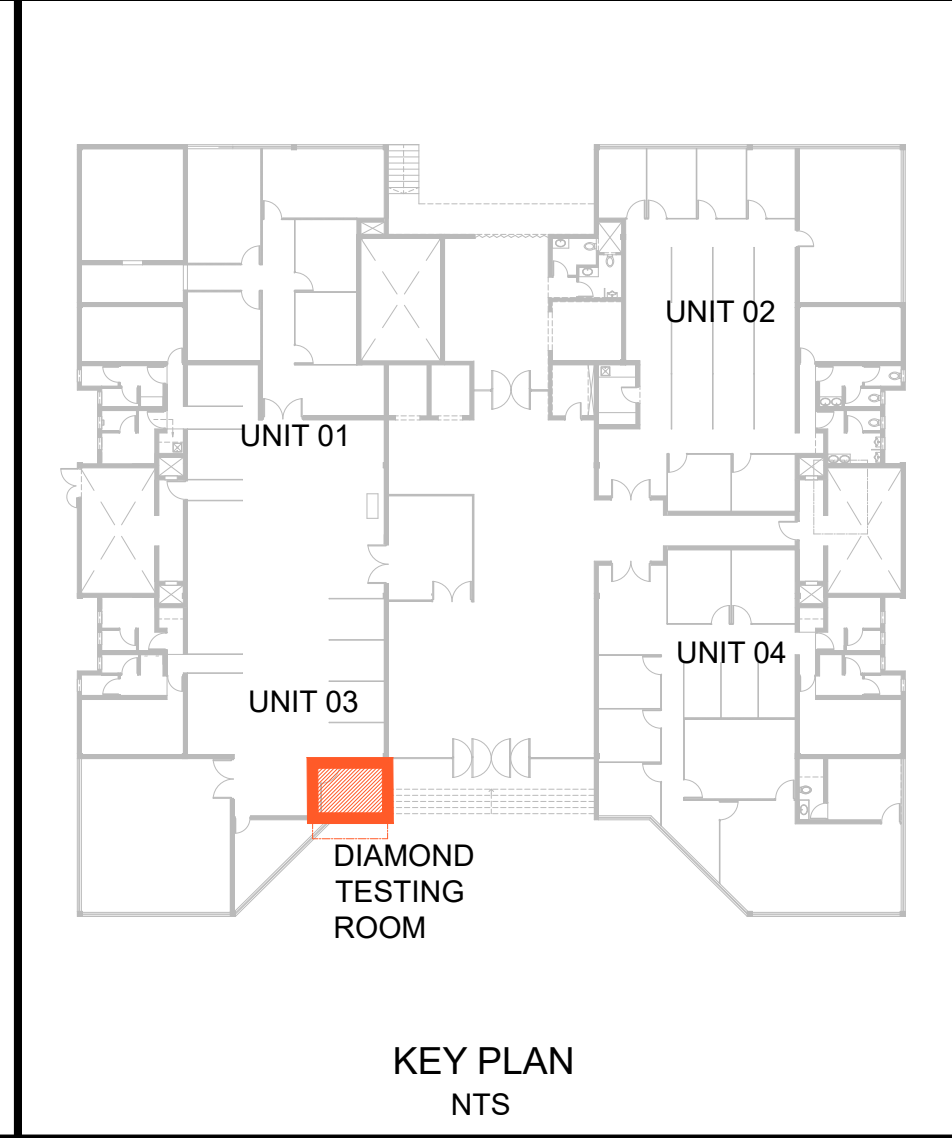
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LIGHTING LEGEND		
W01	HYBEC- GALRE LESS DARK REFLECTOR SERIES, LED MODULE LIGHT (MODELNO-PRO-104), 15W COB, WHITE COLOR BODY, 38DEG AND 55DEG BEAM ANGLE DIMENSION: DIA=55MM,H=72MM, 4000K/5000K.	
H01	HYBEC DC 48VLINER SPOT LIGHT -10W, BLACK COLOR BODY, 100LM / W FIXTURE OUTPUT, 36 DEG BEAM ANGLE, 4000K/5000K. L=205MM,B=24.5,H=45MM	
W04	WIPRO (VERTICA) SUSPENDED CYLINDER 20W LED LIGHT FIXTURE WITH 36 DEG BEAM ANGLE , SIZE - DIA 80MM, HT = 165 MM, 4000K/5000K. LD30-201-36B-40-PS	
W02	WIPRO (Stylus with Standard Diffuser) LM43-321-XXX-57-WX, DOWN 30W L=1200 LED, BLACK COLOR BODY, CONTINUOUS LINEAR SUSPENDED LIGHT FIXTURE, THE LIGHT DISTRIBUTION SHALL BE UNIFORM WITH NO HOT SPOTS . 4000K/5000K.	
W03	WIPRO (Stylus with Standard Diffuser) LM43-651-XXX-57-WX, DOWN 40W L=2400 LED, BLACK COLOR BODY, CONTINUOUS LINEAR SUSPENDED LIGHT FIXTURE, THE LIGHT DISTRIBUTION SHALL BE UNIFORM WITH NO HOT SPOTS . 4000K/5000K.	
W06	MAIN CABIN SPOT LIGHT IN RAFTER WOODEN CEILING 4000K.	

WALL & JOINERY FINISHES		
	V	VENEER
	L	CUBBOARD LAMINATE
	WP	WALL PANELING
	OG	OUTDOOR GLAZING WITH CURTAIN BLINDS
	SK	SKIRTING (50MM)
	MG	MODULAR GLASS PARTITION
	BP	LACQUERED GLASS / BACK PAINTED GLASS
	P1	APPROVED PAINT
		GYPSUM BOARD CEILING @2900MM FROM FFL

DOOR NO.	DESCRIPTION
D1	1000 x 2400 (VENEER FINISH)
D2	850 x 2400 (SOLID DOOR)
D3	2000 x 2400 (SOLID DOOR)
D4	900 x 2400 (TOILET SOLID DOOR)
D5	800 x 2400 (TOILET SOLID DOOR)
D6	2000 x 1200 (SECURITY ENTRANCE SWING DOOR)
D7	1000 x 2400 (LAMINATE FINISH)
FD	1000 x 2400 (FIRE DOOR)
V1	600 x 1000 (TOILET VENT)



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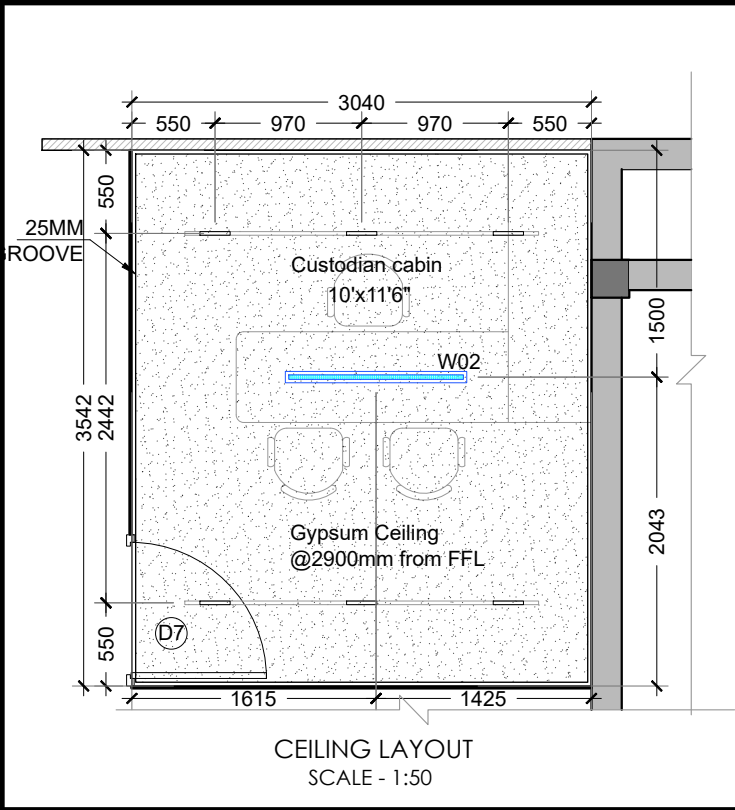
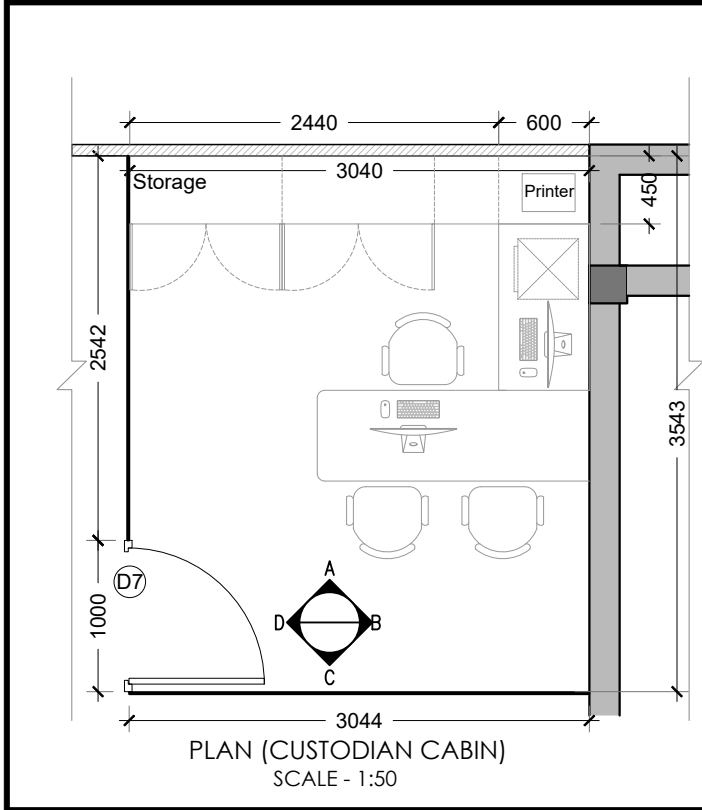
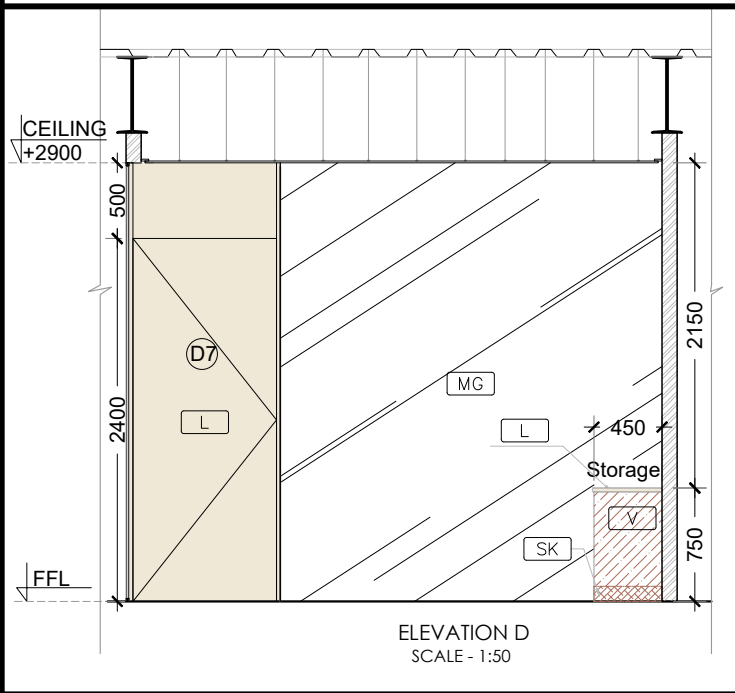
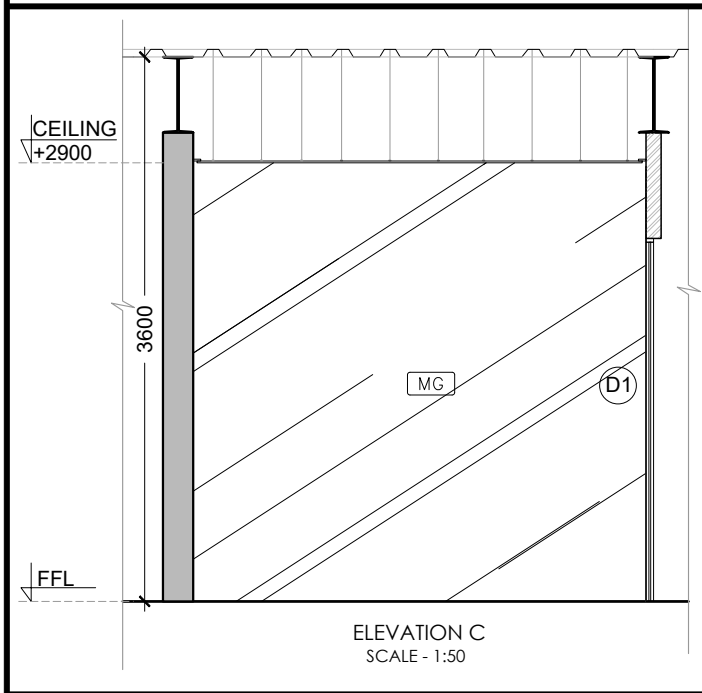
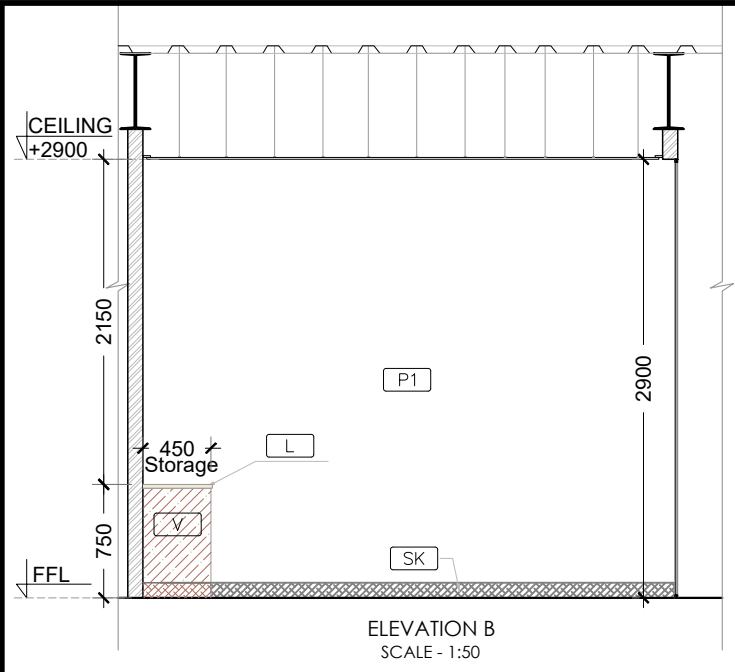
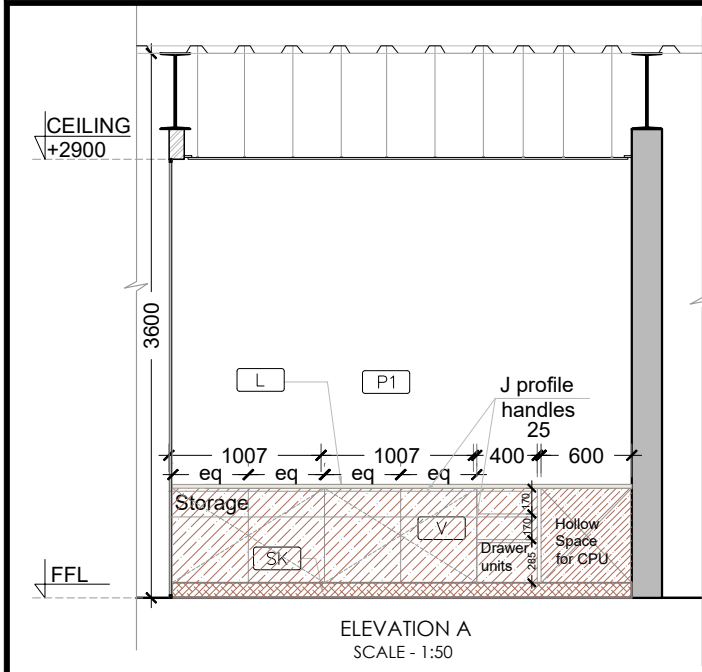
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Lane A – Koregaon Park, Pune - 411001
P 02041213819
E info@chorddesign.com

SUBJECT OF DRAWING :
UNIT01 - DIAMOND TESTING ROOM

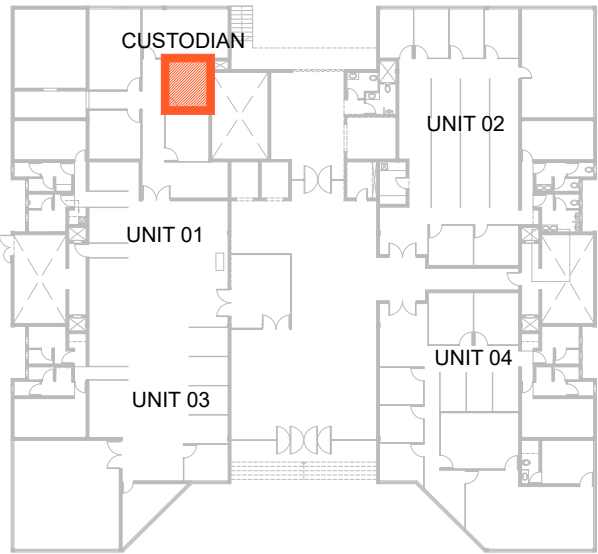
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PROJECT NO.		SDN.24.Ar
REVISION NO.		R0



LIGHTING LEGEND

W01	HYBEC- GALRE LESS DARK REFLECTOR SERIES, LED MODULE LIGHT (MODELNO-PRO-104), 15W COB, WHITE COLOR BODY, 38DEG AND 55DEG BEAM ANGLE DIMENSION: DIA=55MM,H=72MM, 4000K/5000K.	
H01	HYBEC DC 48VLINER SPOT LIGHT -10W, BLACK COLOR BODY, 100LM / W FIXTURE OUTPUT, 36 DEG BEAM ANGLE, 4000K/5000K. L=205MM,B=24.5,H=45MM	
W04	WIPRO (VERTICA) SUSPENDED CYLINDER 20W LED LIGHT FIXTURE WITH 36 DEG BEAM ANGLE , SIZE - DIA 80MM, HT = 165 MM, 4000K/5000K. LD30-201-36B-40-PS	
W02	WIPRO (Stylus with Standard Diffuser) LM43-321-XXX-57-WX, DOWN 30W L=1200 LED, BLACK COLOR BODY, CONTINUOUS LINEAR SUSPENDED LIGHT FIXTURE, THE LIGHT DISTRIBUTION SHALL BE UNIFORM WITH NO HOT SPOTS . 4000K/5000K.	
W03	WIPRO (Stylus with Standard Diffuser) LM43-651-XXX-57-WX, DOWN 40W L=2400 LED, BLACK COLOR BODY, CONTINUOUS LINEAR SUSPENDED LIGHT FIXTURE, THE LIGHT DISTRIBUTION SHALL BE UNIFORM WITH NO HOT SPOTS . 4000K/5000K.	
W06	MAIN CABIN SPOT LIGHT IN RAFTER WOODEN CEILING 4000K.	

WALL & JOINERY FINISHES		
	V	VENEER
	L	CUBBOARD LAMINATE
	WP	WALL PANELING
	OG	OUTDOOR GLAZING WITH CURTAIN BLINDS
	SK	SKIRTING (50MM)
	MG	MODULAR GLASS PARTITION
	BP	LACQUERED GLASS / BACK PAINTED GLASS
	P1	APPROVED PAINT
		GYPSUM BOARD CEILING @2900MM FROM FFL
DOOR NO.	DESCRIPTION	
D1	1000 x 2400 (VENEER FINISH)	
D2	850 x 2400 (SOLID DOOR)	
D3	2000 x 2400 (SOLID DOOR)	
D4	900 x 2400 (TOILET SOLID DOOR)	
D5	800 x 2400 (TOILET SOLID DOOR)	
D6	2000 x 1200 (SECURITY ENTRANCE SWING DOOR)	
D7	1000 x 2400 (LAMINATE FINISH)	
FD	1000 x 2400 (FIRE DOOR)	
V1	600 x 1000 (TOILET VENT)	



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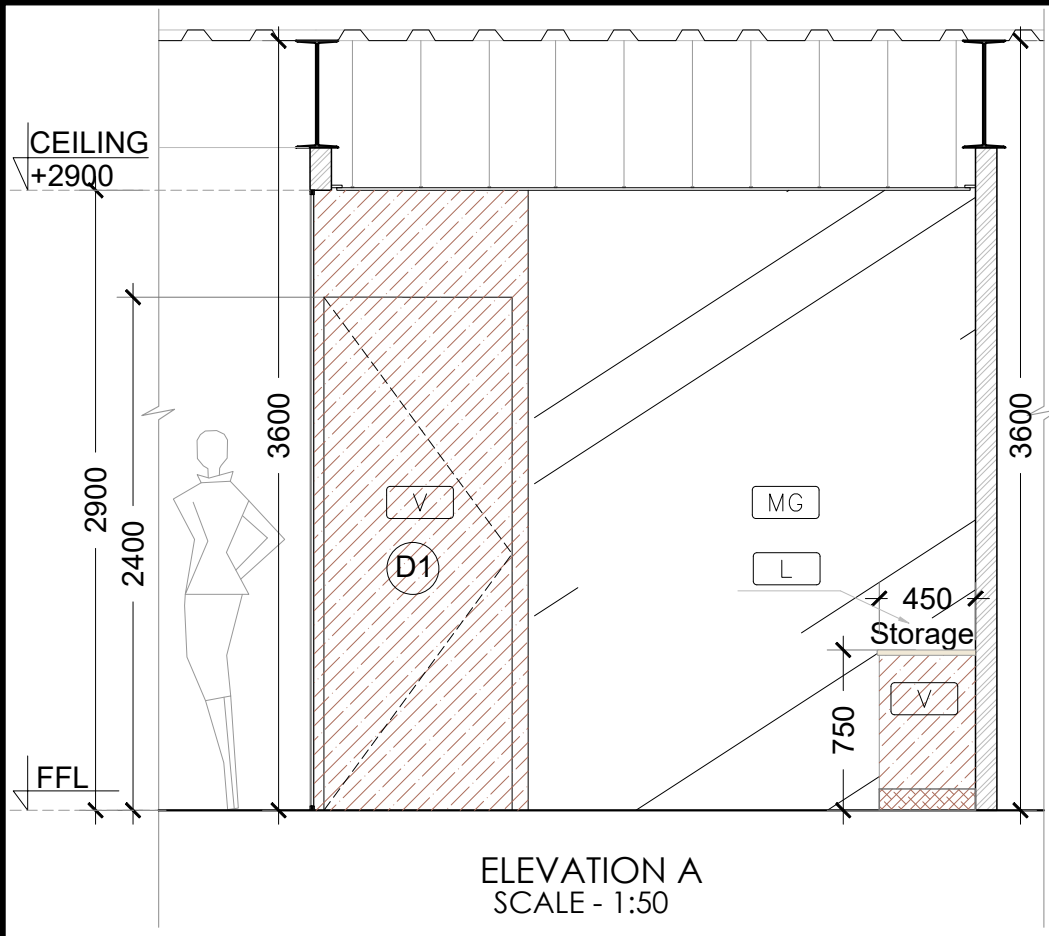
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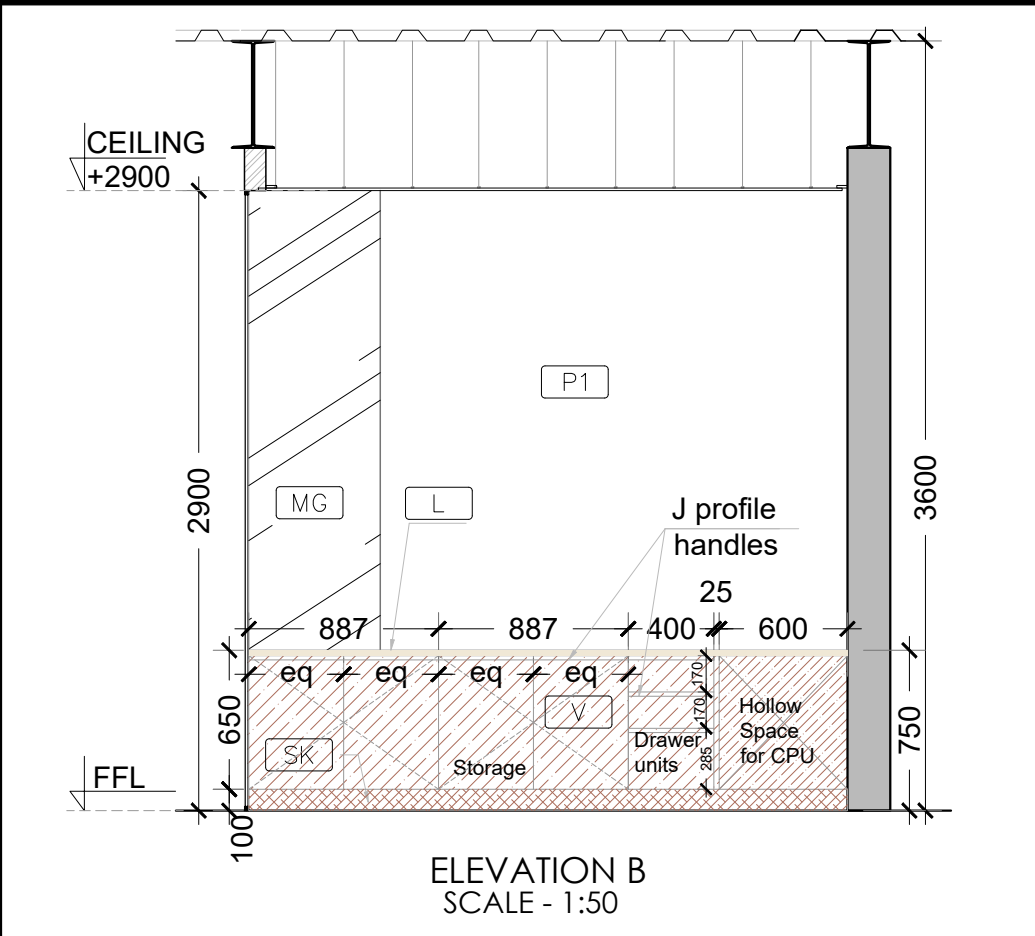
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P 02041213819
E info@chorddesign.com

SUBJECT OF DRAWING :
UNIT01 - CUSTODIAN CABIN

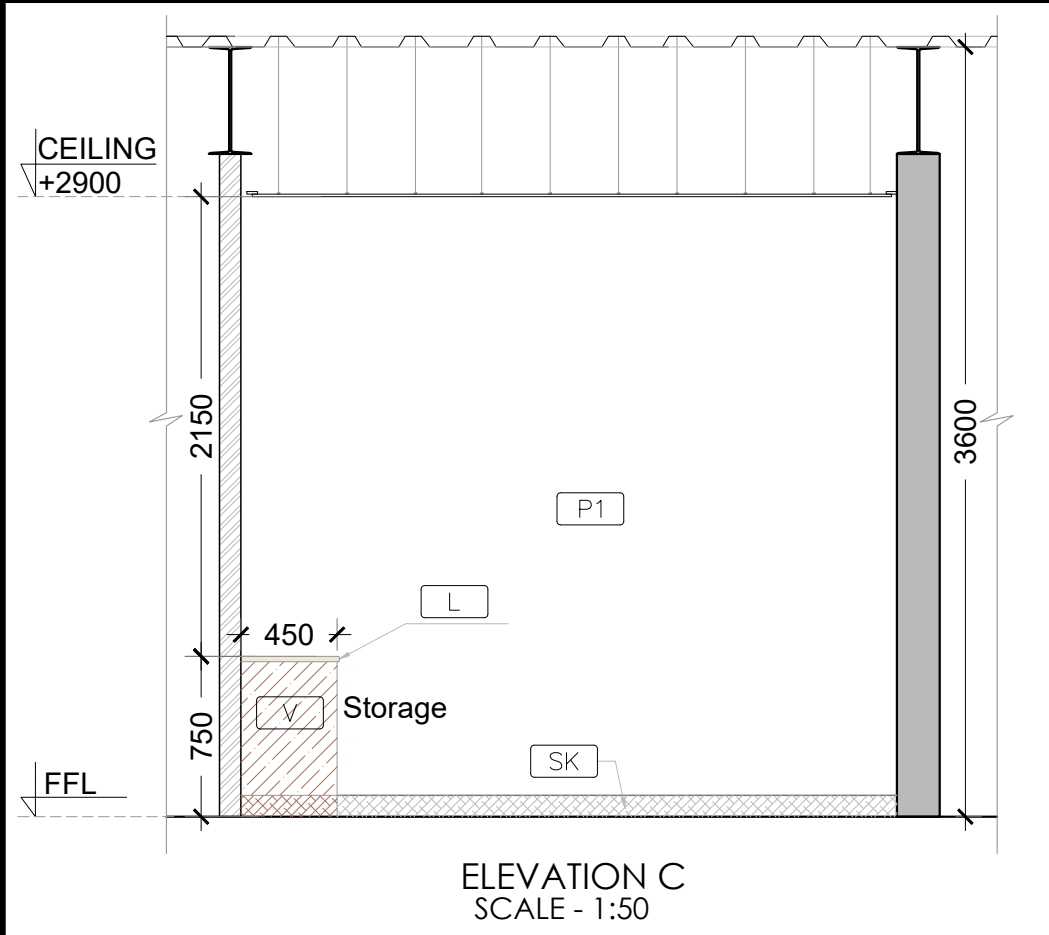
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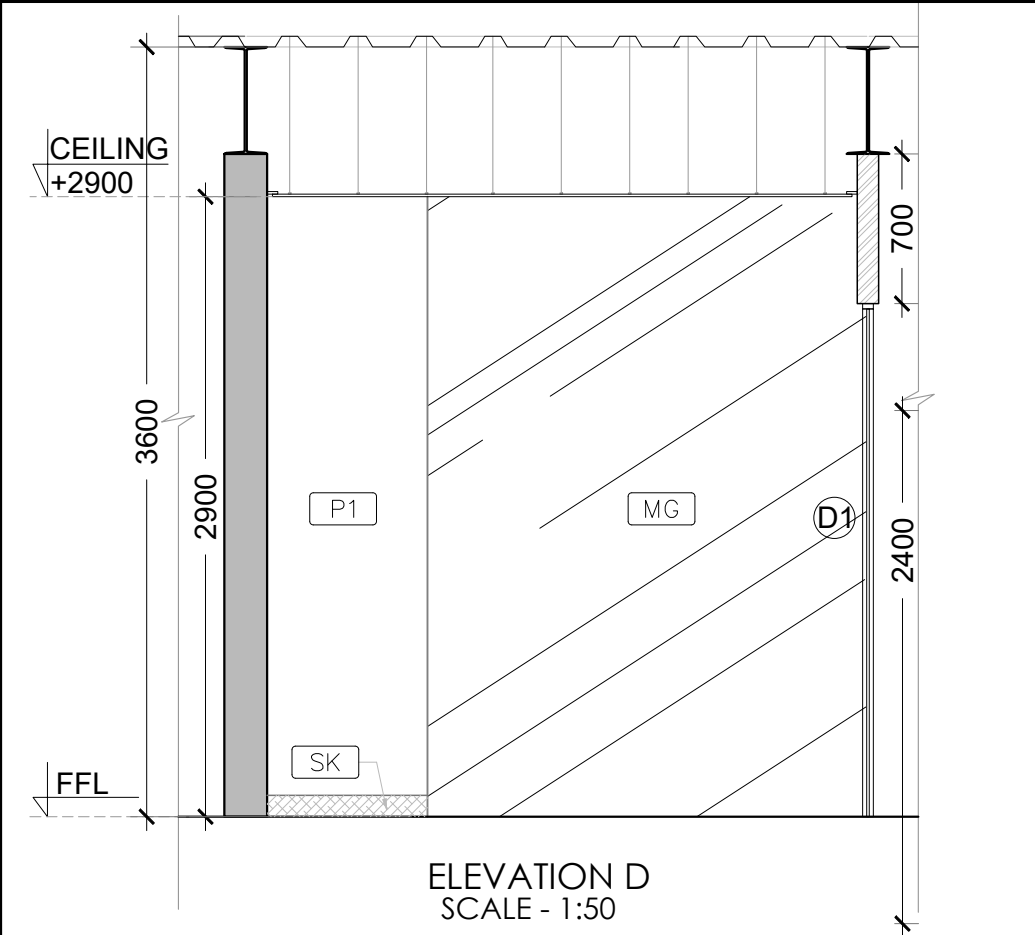
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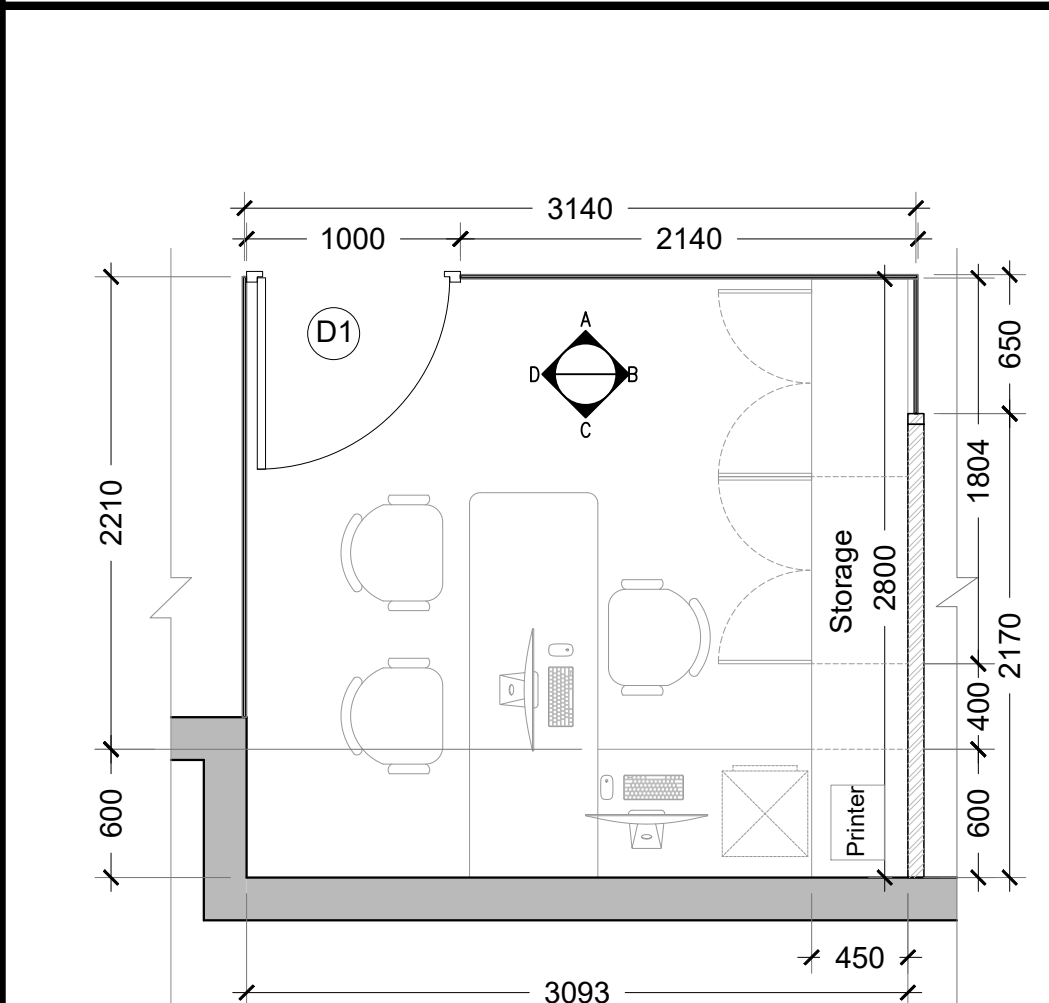
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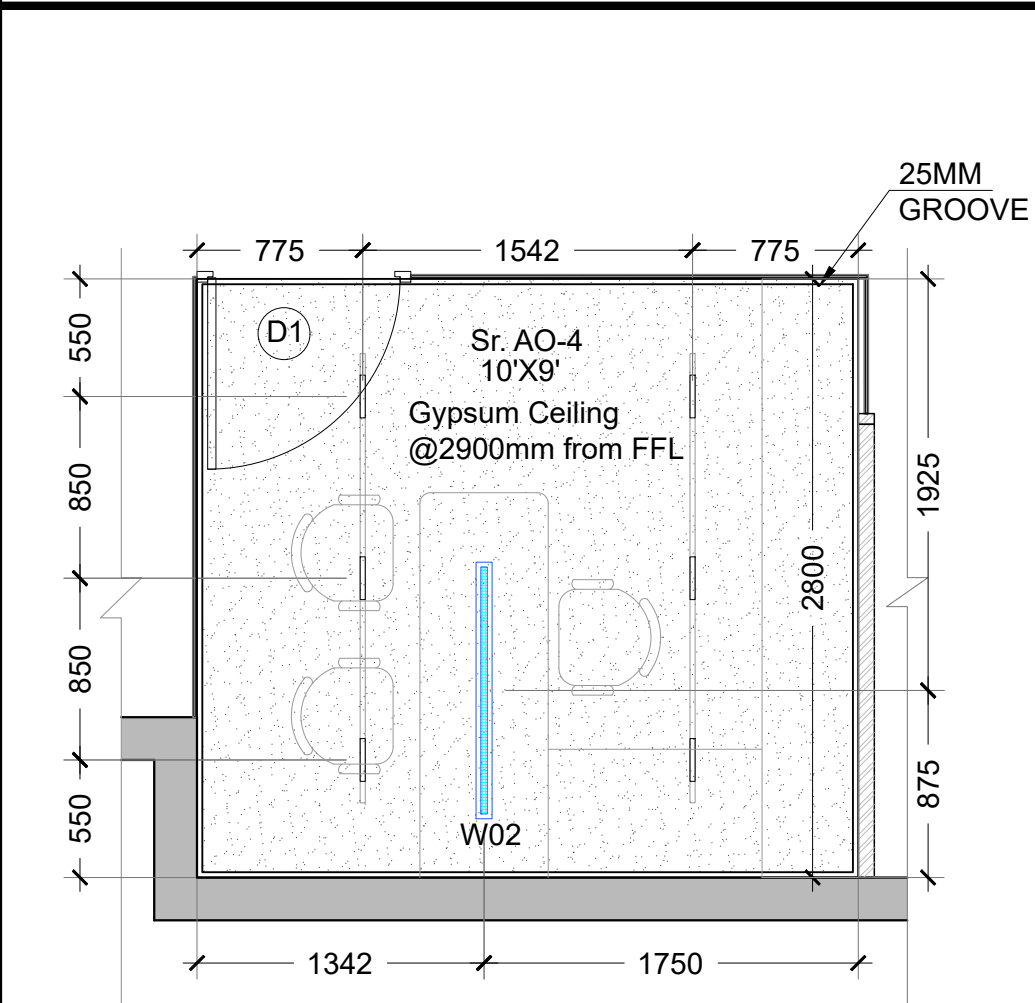
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ELEVATION D
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PLAN (SR.AO-4)
SCALE - 1:50

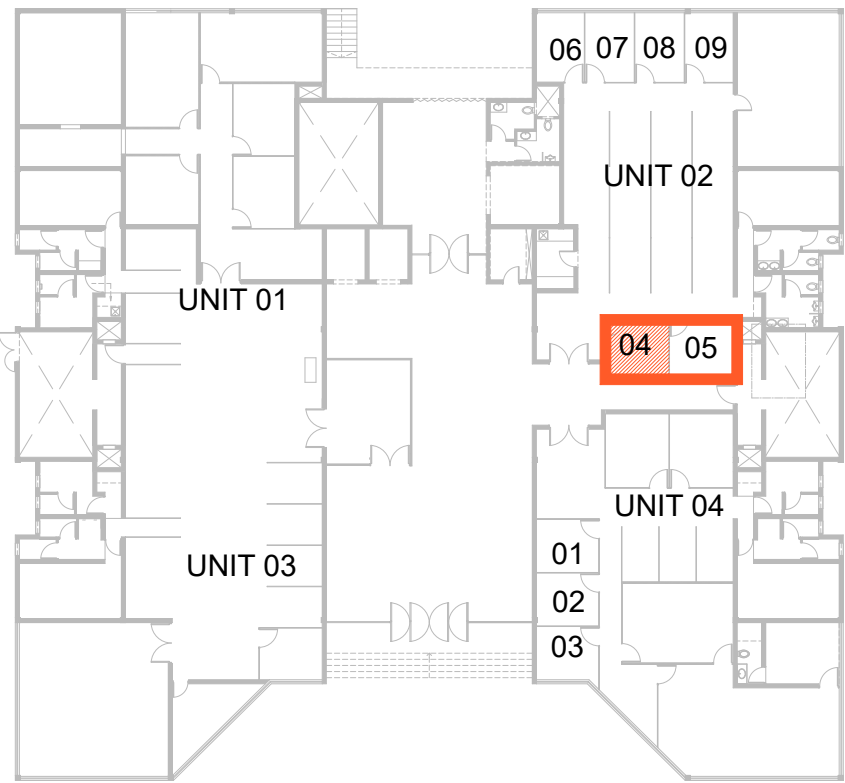


CEILING LAYOUT (SR.AO-4)
SCALE - 1:50

LIGHTING LEGEND

W01	HYBEC- GALRE LESS DARK REFLECTOR SERIES, LED MODULE LIGHT (MODELNO-PRO-104), 15W COB, WHITE COLOR BODY, 38DEG AND 55DEG BEAM ANGLE DIMENSION: DIA=55MM,H=72MM, 4000K/5000K.	
H01	HYBEC DC 48VLINER SPOT LIGHT -10W, BLACK COLOR BODY, 100LM / W FIXTURE OUTPUT, 36 DEG BEAM ANGLE, 4000K/5000K. L=205MM,B=24.5,H=45MM	
W04	WIPRO (VERTICA) SUSPENDED CYLINDER 20W LED LIGHT FIXTURE WITH 36 DEG BEAM ANGLE , SIZE - DIA 80MM, HT = 165 MM, 4000K/5000K. LD30-201-36B-40-PS	
W02	WIPRO (Stylus with Standard Diffuser) LM43-321-XXX-57-WX, DOWN 30W L=1200 LED, BLACK COLOR BODY, CONTINUOUS LINEAR SUSPENDED LIGHT FIXTURE, THE LIGHT DISTRIBUTION SHALL BE UNIFORM WITH NO HOT SPOTS . 4000K/5000K.	
W03	WIPRO (Stylus with Standard Diffuser) LM43-651-XXX-57-WX, DOWN 40W L=2400 LED, BLACK COLOR BODY, CONTINUOUS LINEAR SUSPENDED LIGHT FIXTURE, THE LIGHT DISTRIBUTION SHALL BE UNIFORM WITH NO HOT SPOTS . 4000K/5000K.	
W06	MAIN CABIN SPOT LIGHT IN RAFTER WOODEN CEILING 4000K.	

WALL & JOINERY FINISHES		
	V	VENEER
	L	CUBBOARD LAMINATE
	WP	WALL PANELING
	OG	OUTDOOR GLAZING WITH CURTAIN BLINDS
	SK	SKIRTING (50MM)
	MG	MODULAR GLASS PARTITION
	BP	LACQUERED GLASS / BACK PAINTED GLASS
	P1	APPROVED PAINT
		GYPSUM BOARD CEILING @2900MM FROM FFL
DOOR NO.	DESCRIPTION	
D1	1000 x 2400 (VENEER FINISH)	
D2	850 x 2400 (SOLID DOOR)	
D3	2000 x 2400 (SOLID DOOR)	
D4	900 x 2400 (TOILET SOLID DOOR)	
D5	800 x 2400 (TOILET SOLID DOOR)	
D6	2000 x 1200 (SECURITY ENTRANCE SWING DOOR)	
D7	1000 x 2400 (LAMINATE FINISH)	
FD	1000 x 2400 (FIRE DOOR)	
V1	600 x 1000 (TOILET VENT)	



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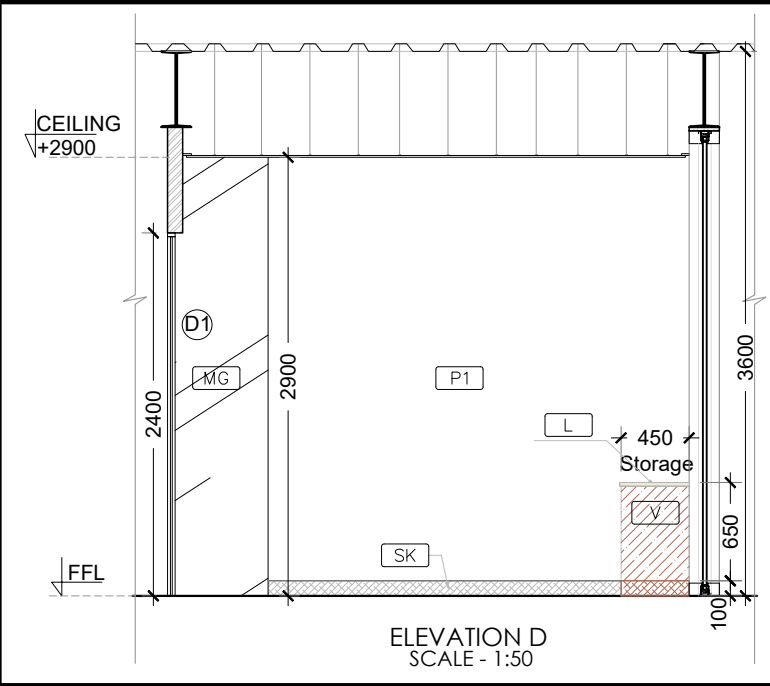
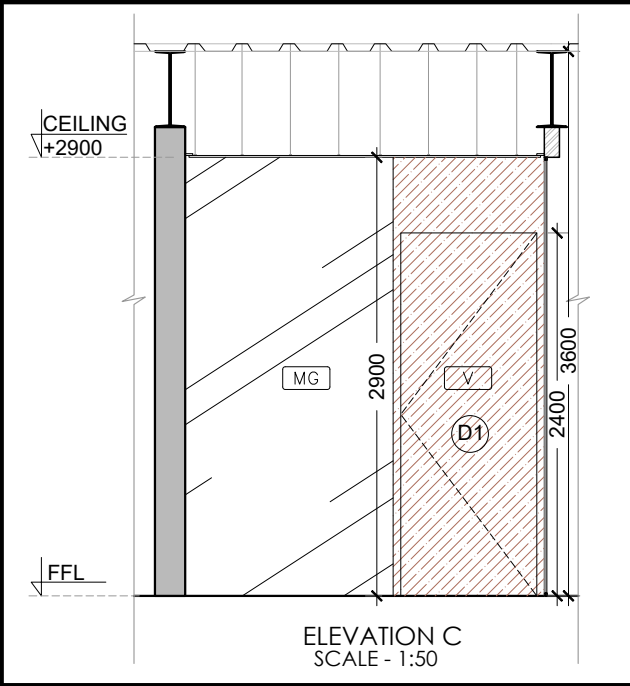
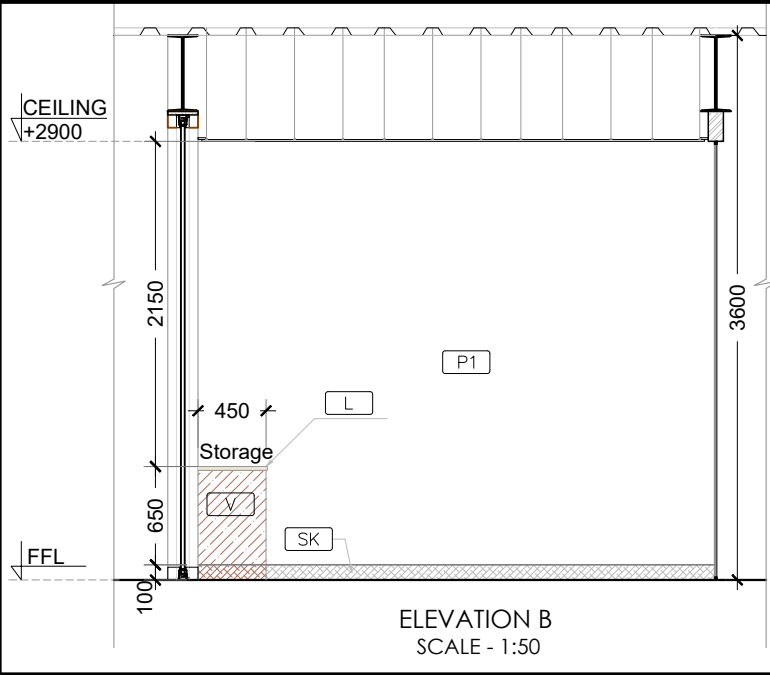
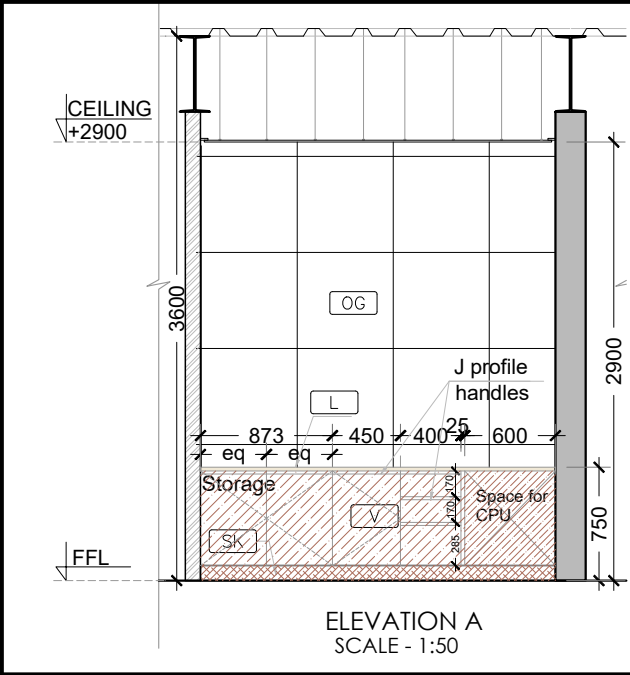
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STRUCTURAL CONSULTANTS :

ARCHITECTURAL DESIGN CONSULTANT :
CHORD DESIGN
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P 02041213819
E info@chorddesign.com

SUBJECT OF DRAWING :
UNIT02 - SR A0-04 , 05

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DRAWING NO. : EL-02				REVISION NO. R0



LIGHTING LEGEND

W01	HYBEC- GALRE LESS DARK REFLECTOR SERIES, LED MODULE LIGHT (MODELNO-PRO-104), 15W COB, WHITE COLOR BODY, 38DEG AND 55DEG BEAM ANGLE DIMENSION: DIA=55MM,H=72MM, 4000K/5000K.	
H01	HYBEC DC 48VLINER SPOT LIGHT -10W, BLACK COLOR BODY, 100LM / W FIXTURE OUTPUT, 36 DEG BEAM ANGLE, 4000K/5000K. L=205MM,B=24.5,H=45MM	
W04	WIPRO (VERTICA) SUSPENDED CYLINDER 20W LED LIGHT FIXTURE WITH 36 DEG BEAM ANGLE , SIZE - DIA 80MM, HT = 165 MM, 4000K/5000K. LD30-201-36B-40-PS	
W02	WIPRO (Stylus with Standard Diffuser) LM43-321-XXX-57-WX, DOWN 30W L=1200 LED, BLACK COLOR BODY, CONTINUOUS LINEAR SUSPENDED LIGHT FIXTURE, THE LIGHT DISTRIBUTION SHALL BE UNIFORM WITH NO HOT SPOTS . 4000K/5000K.	
W03	WIPRO (Stylus with Standard Diffuser) LM43-651-XXX-57-WX, DOWN 40W L=2400 LED, BLACK COLOR BODY, CONTINUOUS LINEAR SUSPENDED LIGHT FIXTURE, THE LIGHT DISTRIBUTION SHALL BE UNIFORM WITH NO HOT SPOTS . 4000K/5000K.	
W06	MAIN CABIN SPOT LIGHT IN RAFTER WOODEN CEILING 4000K.	

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PROJECT :
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PEB CONSULTANTS :

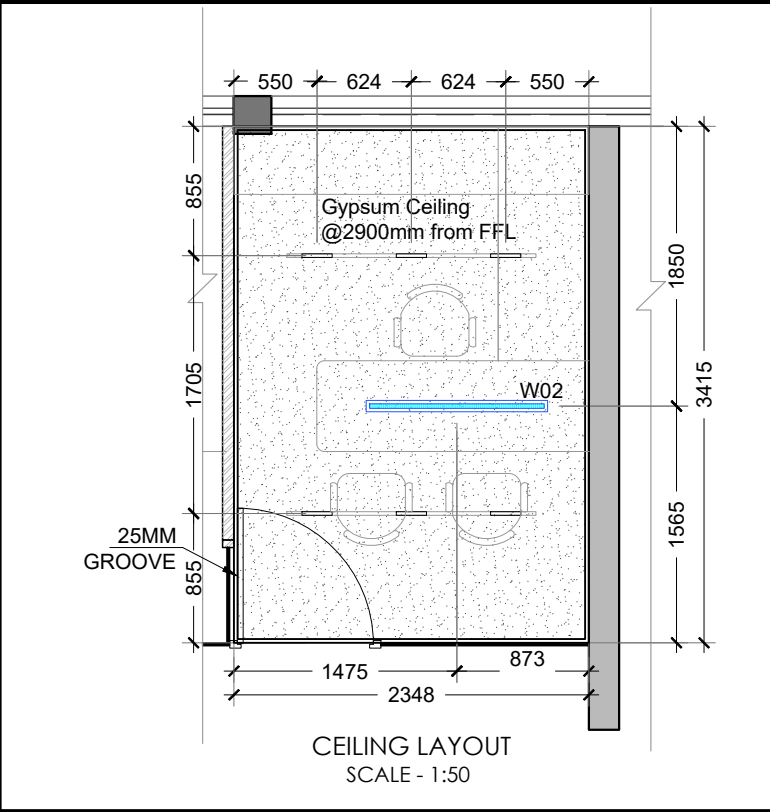
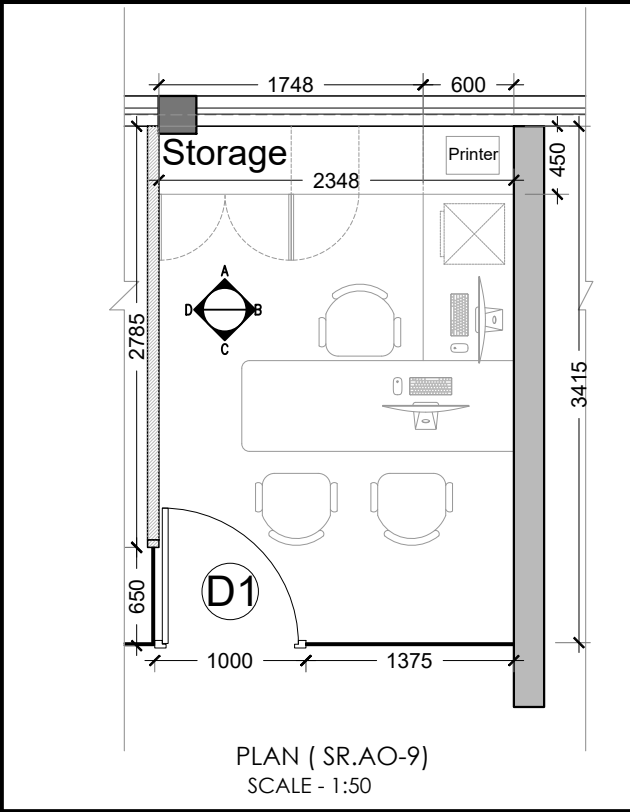
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ARCHITECTURAL DESIGN CONSULTANT :
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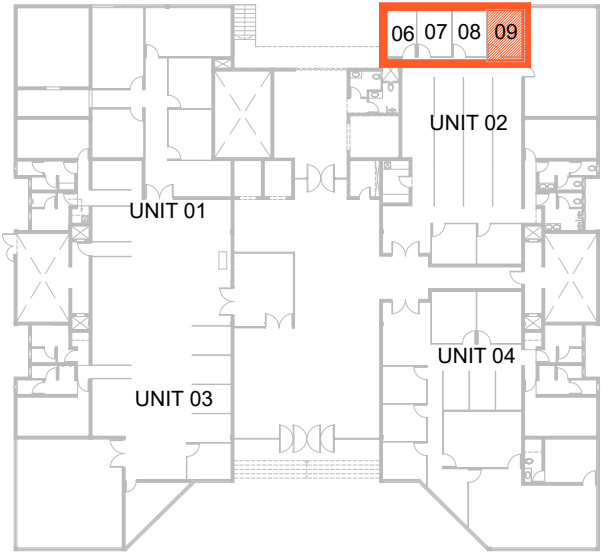
06 B Zeevath Hsg. Soc. Behind German Bakery
Lane A – Koregaon Park, Pune - 411001
P 02041213819
E info@chorddesign.com

SUBJECT OF DRAWING :
UNIT02 - SR A0-09,08,07,06

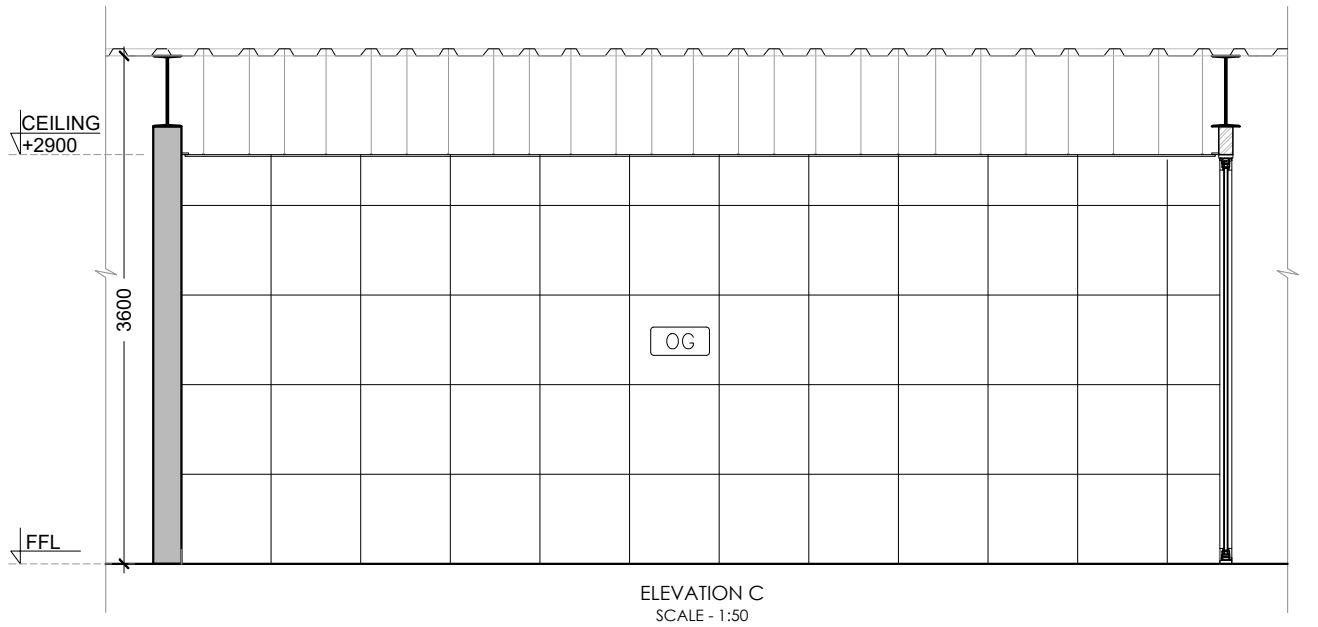
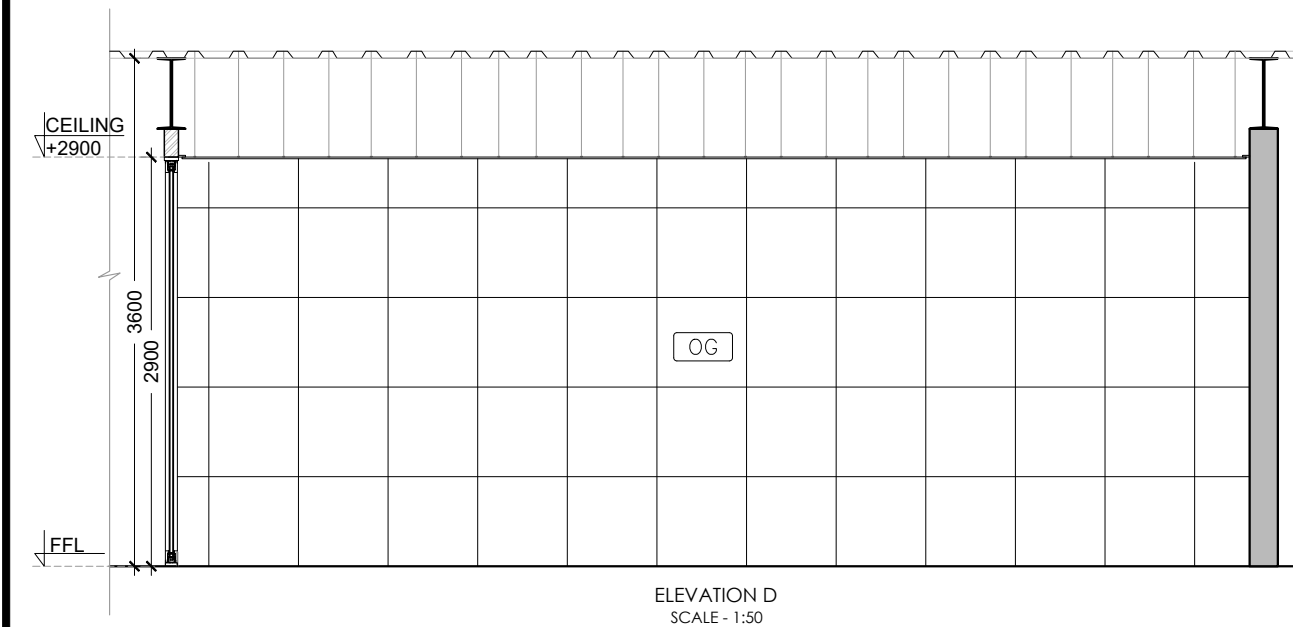
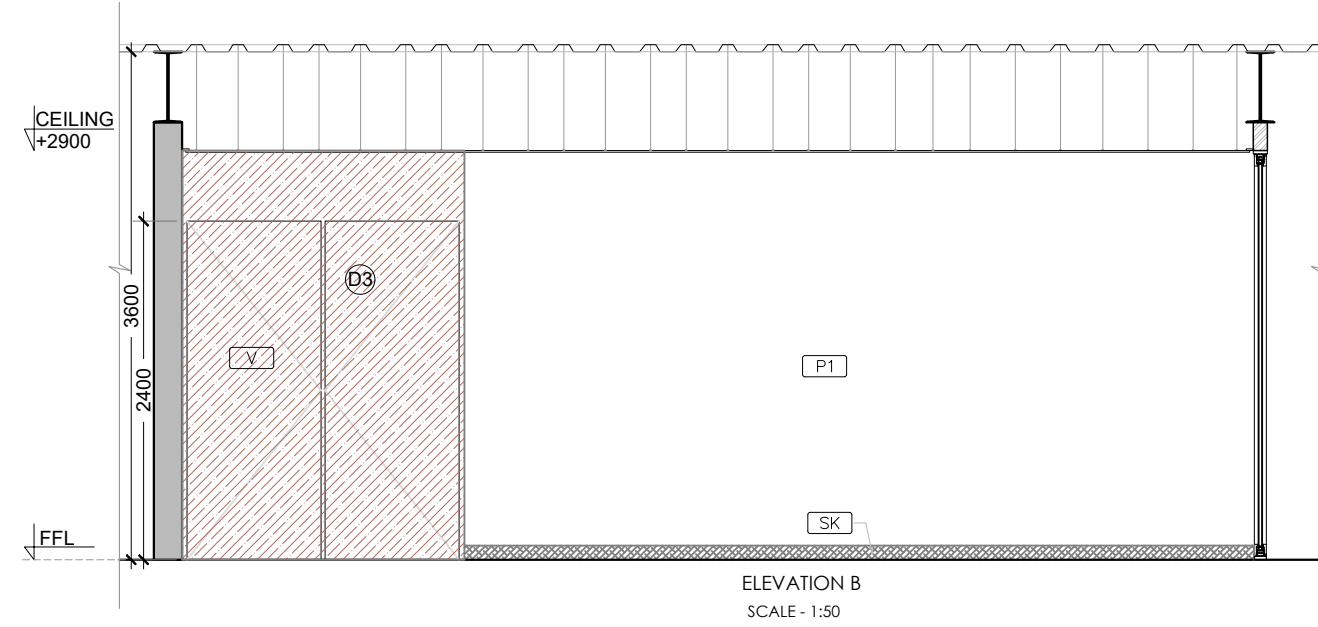
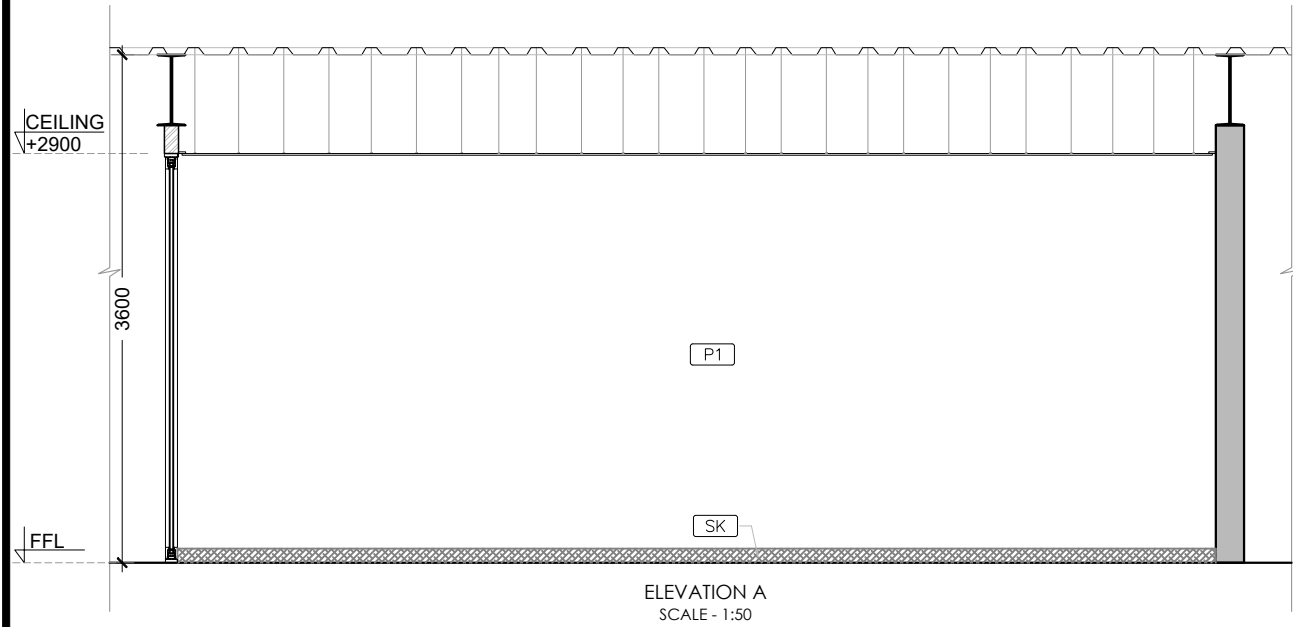
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DRAWING NO. :				REVISION NO.
EL-01				R0



WALL & JOINERY FINISHES		
	V	VENEER
	L	CUBBOARD LAMINATE
	WP	WALL PANELING
	OG	OUTDOOR GLAZING WITH CURTAIN BLINDS
	SK	SKIRTING (50MM)
	MG	MODULAR GLASS PARTITION
	BP	LACQUERED GLASS / BACK PAINTED GLASS
	P1	APPROVED PAINT
		GYPSUM BOARD CEILING @2900MM FROM FFL
DOOR NO.	DESCRIPTION	
D1	1000 x 2400 (VENEER FINISH)	
D2	850 x 2400 (SOLID DOOR)	
D3	2000 x 2400 (SOLID DOOR)	
D4	900 x 2400 (TOILET SOLID DOOR)	
D5	800 x 2400 (TOILET SOLID DOOR)	
D6	2000 x 1200 (SECURITY ENTRANCE SWING DOOR)	
D7	1000 x 2400 (LAMINATE FINISH)	
FD	1000 x 2400 (FIRE DOOR)	
V1	600 x 1000 (TOILET VENT)	

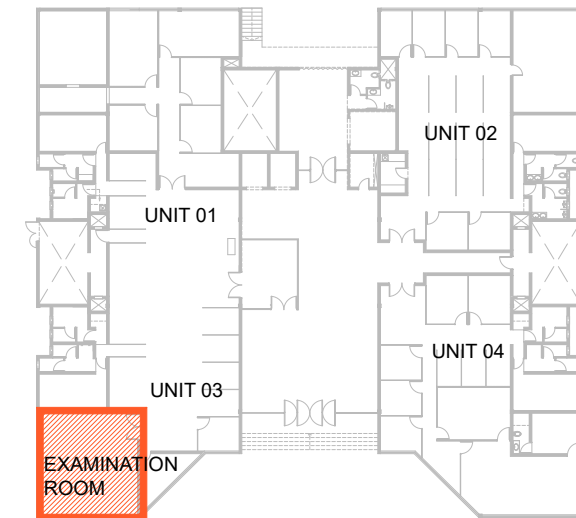


KEY PLAN
NTS



WALL & JOINERY FINISHES		
	V	VENEER
	L	CUBBOARD LAMINATE
	WP	WALL PANELING
	OG	OUTDOOR GLAZING WITH CURTAIN BLINDS
	SK	SKIRTING (50MM)
	MG	MODULAR GLASS PARTITION
	BP	LACQUERED GLASS / BACK PAINTED GLASS
	P1	APPROVED PAINT
		GYPSUM BOARD CEILING @2900MM FROM FFL

DOOR NO.	DESCRIPTION
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D2	850 x 2400 (SOLID DOOR)
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D7	1000 x 2400 (LAMINATE FINISH)
FD	1000 x 2400 (FIRE DOOR)
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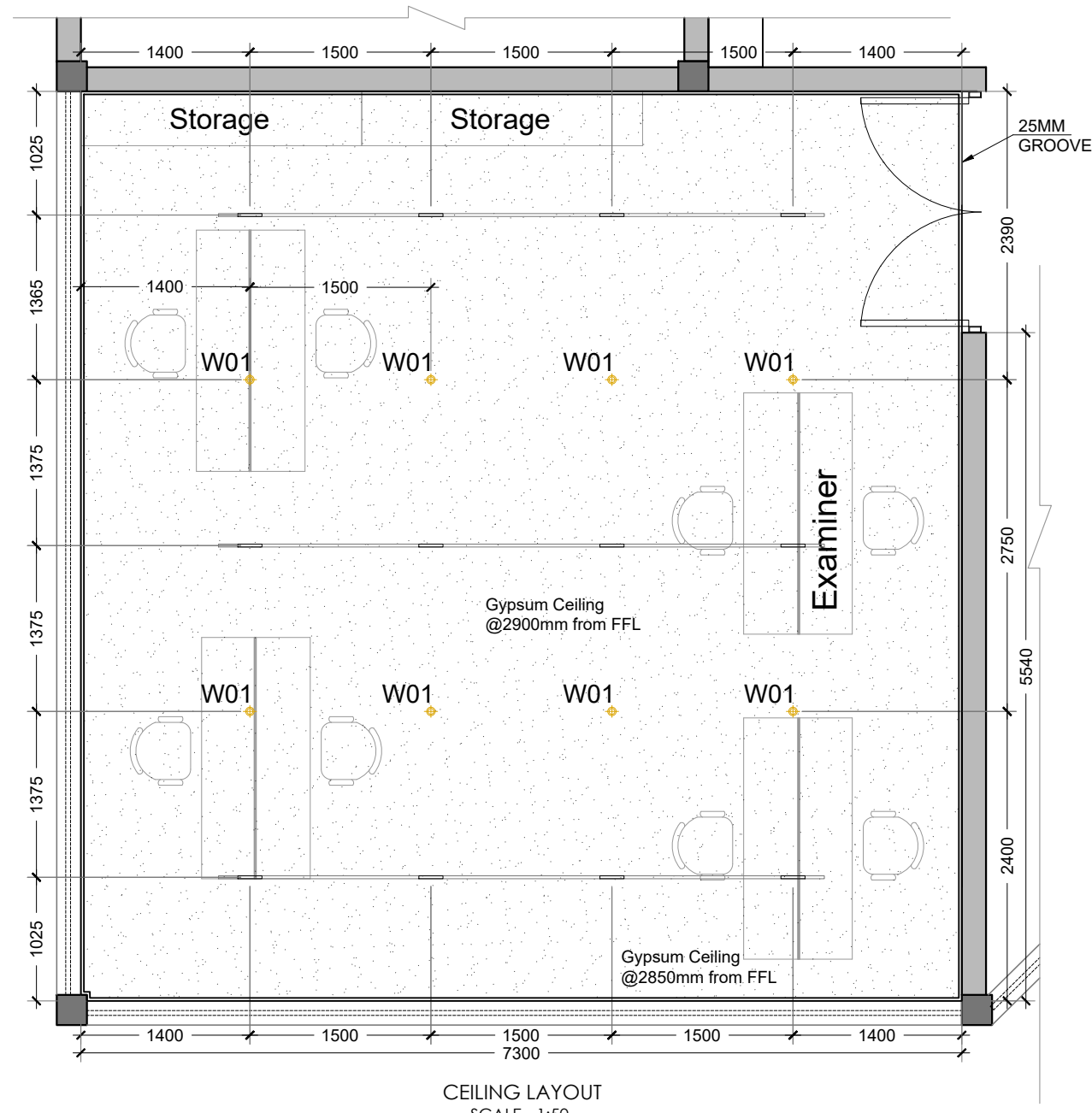
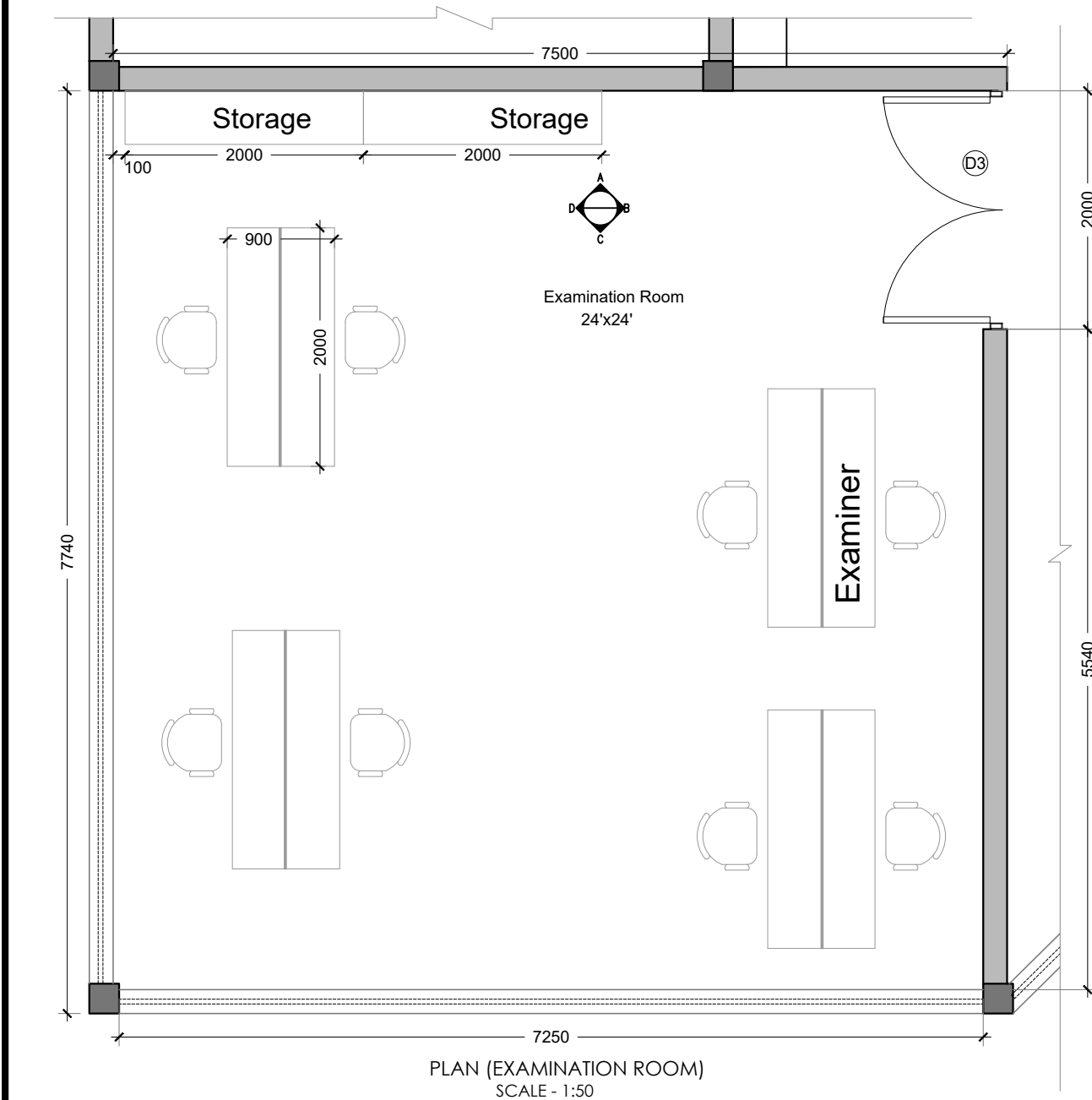
PEB CONSULTANTS :

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ARCHITECTURAL DESIGN CONSULTANT :
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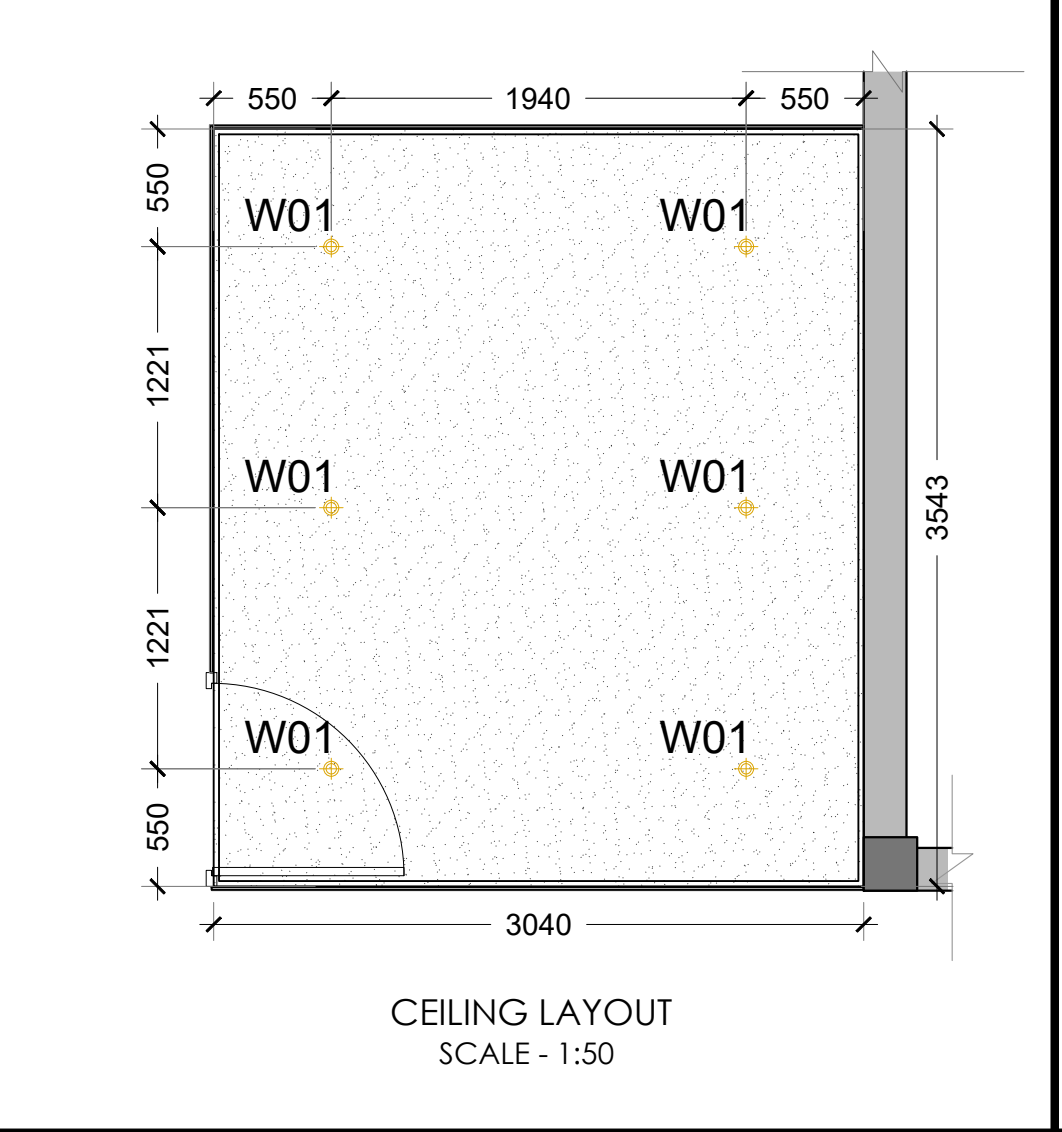
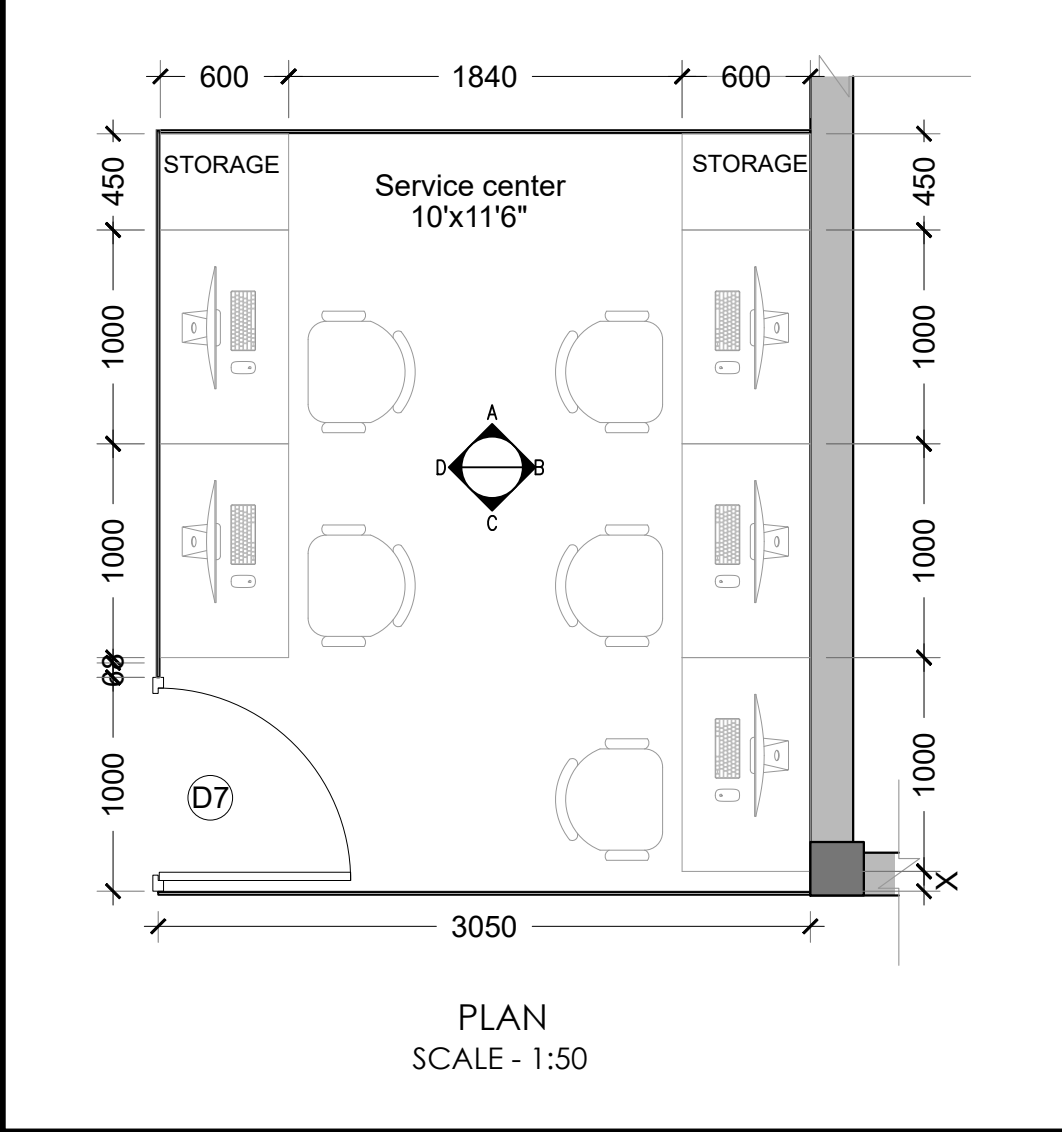
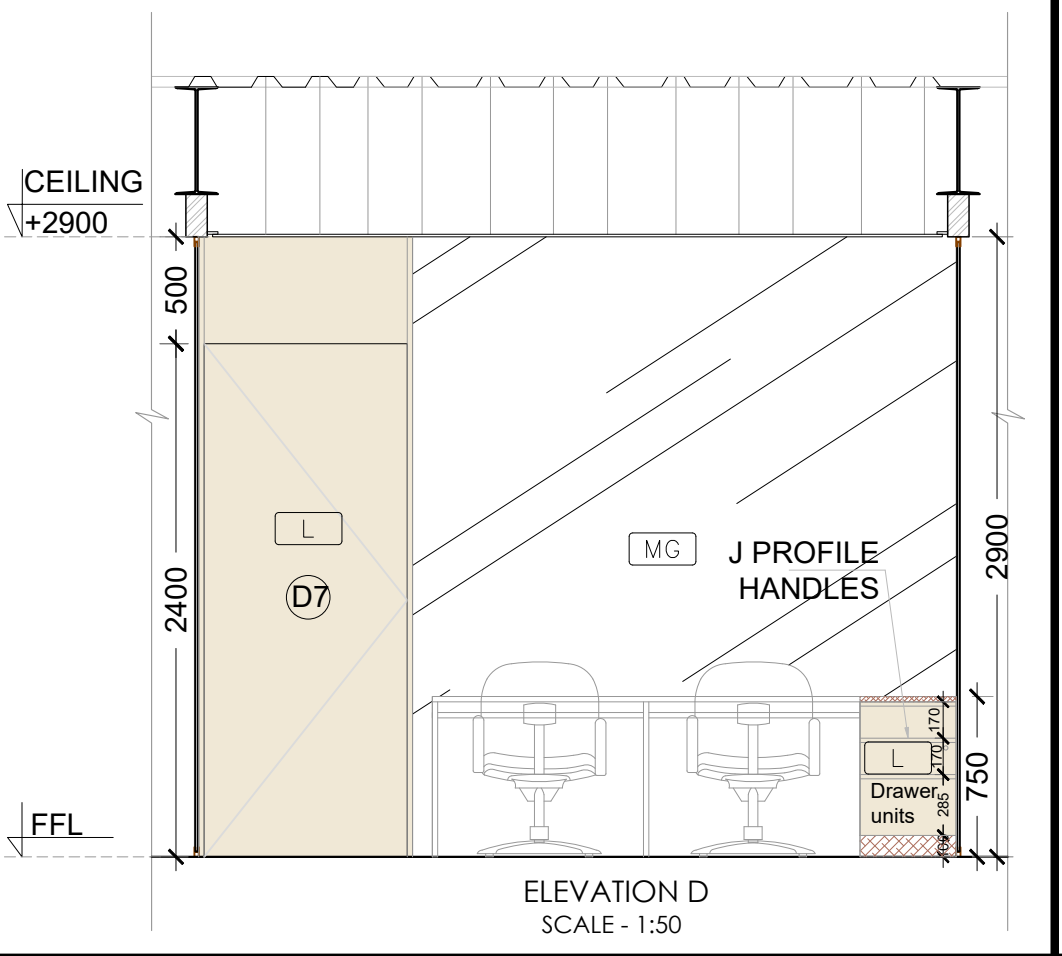
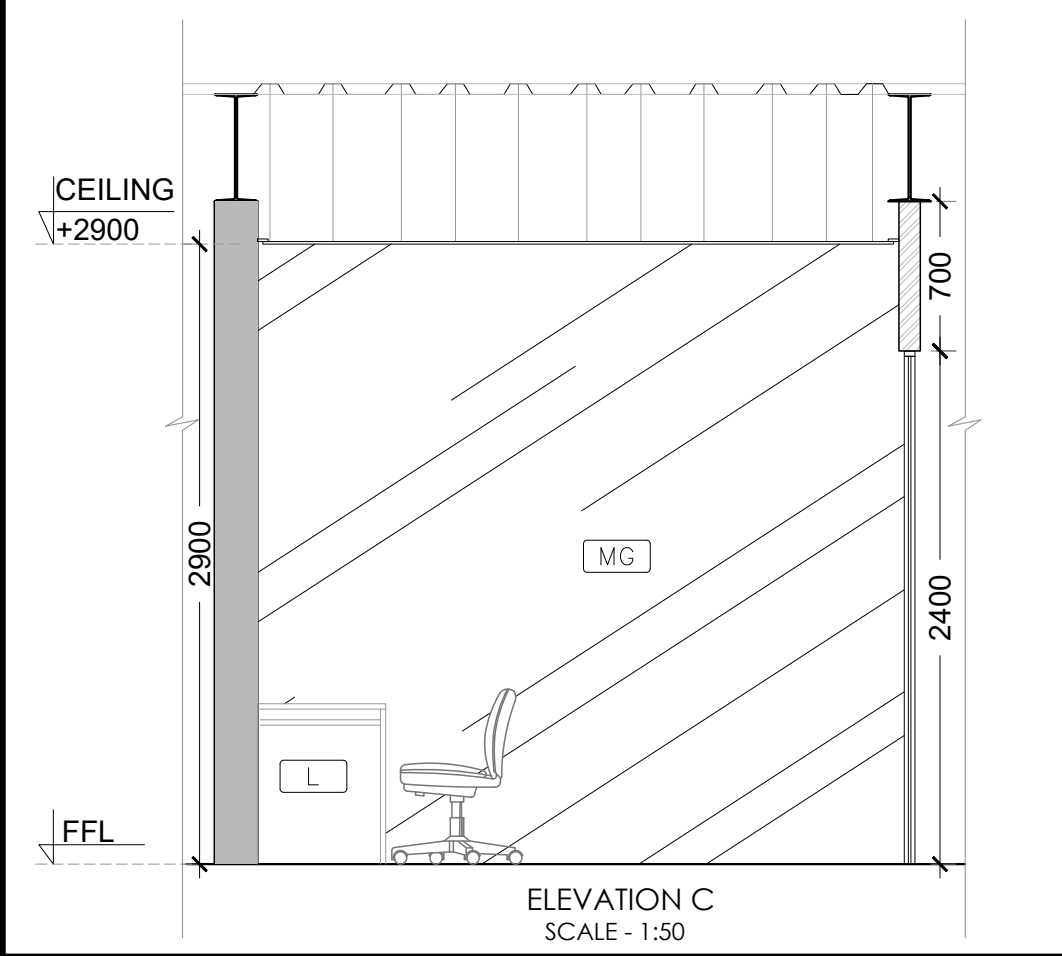
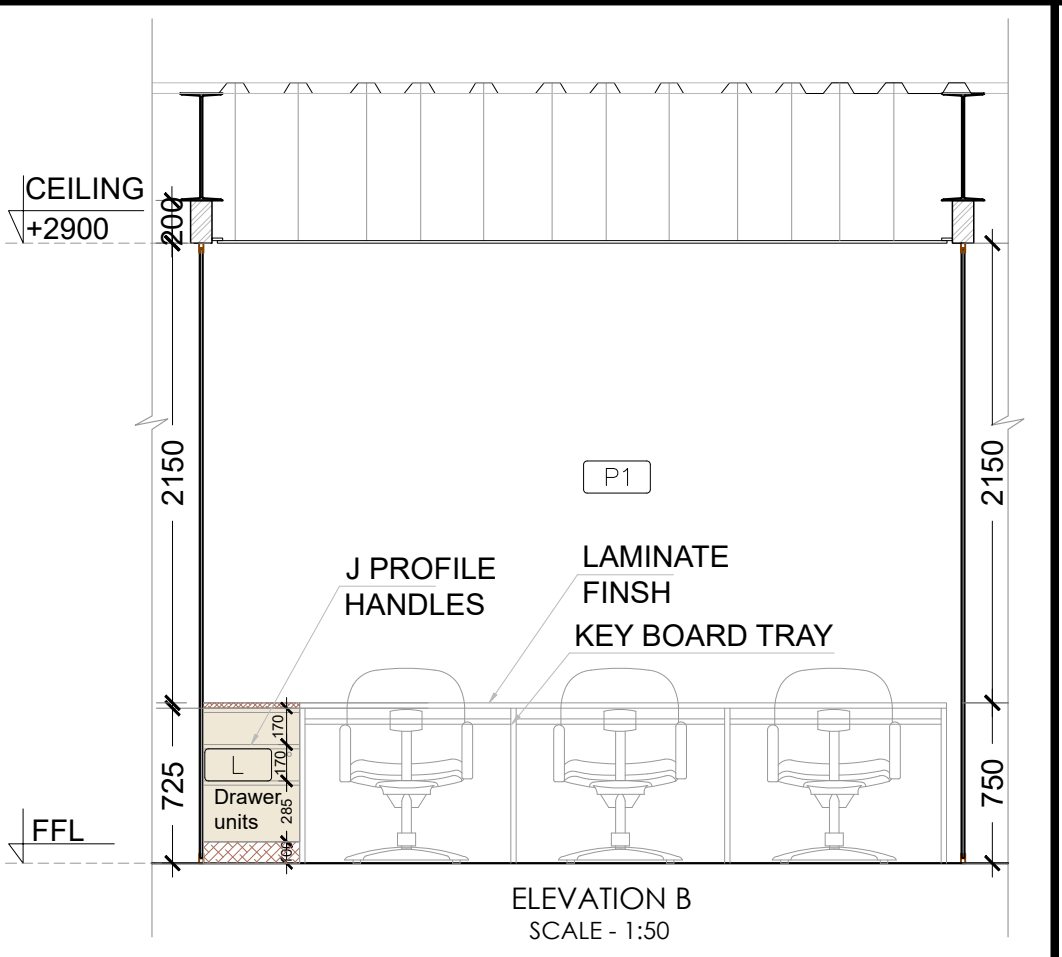
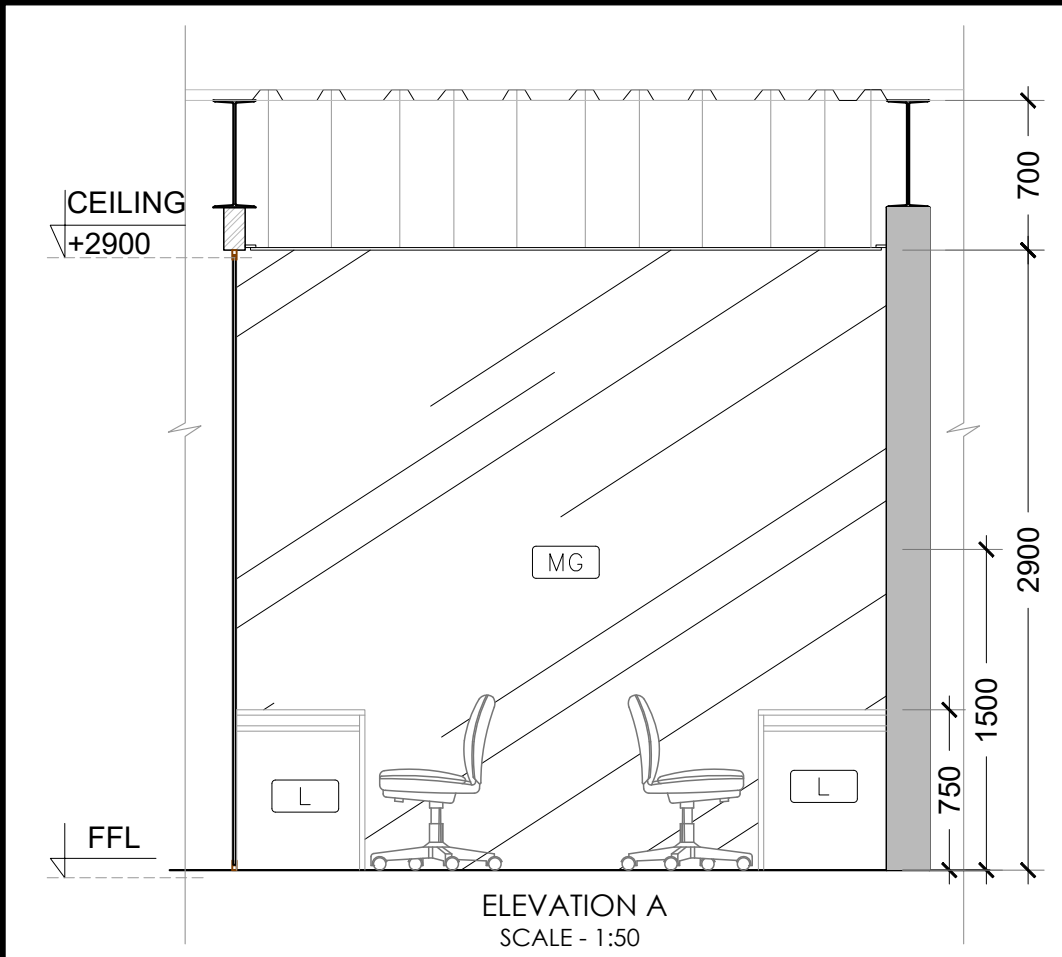
SUBJECT OF DRAWING :
UNIT 03- EXAMINATION ROOM

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DRAWING NO. :			REVISION NO.
EL-09			R0



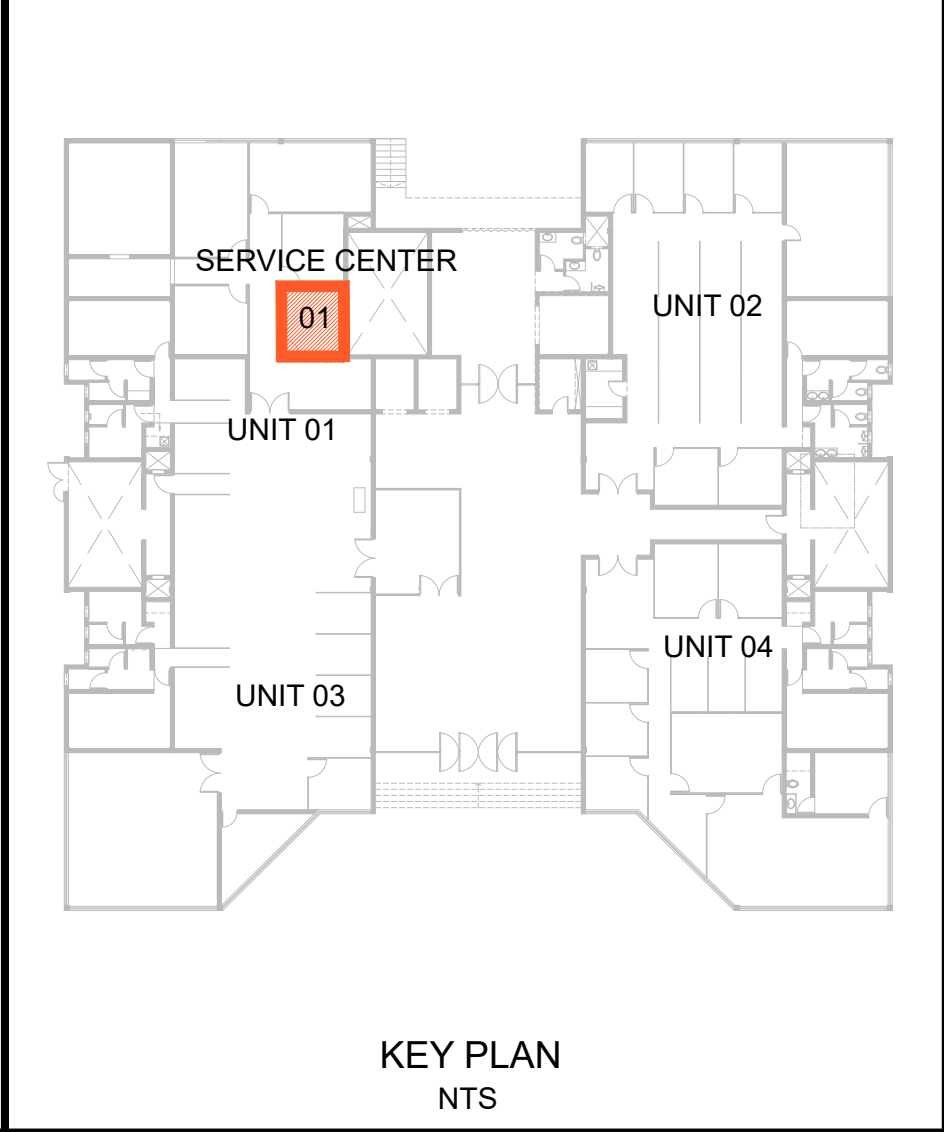
LIGHTING LEGEND

W01	HYBEC- GALRE LESS DARK REFLECTOR SERIES, LED MODULE LIGHT (MODEL NO- PRO-104), 15W COB, WHITE COLOR BODY, 38DEG AND 55DEG BEAM ANGLE DIMENSION: DIA=55MM,H=72MM, 4000K/5000K.	
H01	HYBEC DC 48V LINER SPOT LIGHT -10W, BLACK COLOR BODY, 100LM / W FIXTURE OUTPUT, 36 DEG BEAM ANGLE, 4000K/5000K. L=205MM,B=24.5,H=45MM	
W04	WIPRO (VERTICA) SUSPENDED CYLINDER 20W LED LIGHT FIXTURE WITH 36 DEG BEAM ANGLE . SIZE - DIA 80MM, HT = 165 MM, 4000K/5000K. LD30-201-36B-40-PS	
W02	WIPRO (Stylus with Standard Diffuser) LM43-321-XXX-57-WX, DOWN 30W L=1200 LED, BLACK COLOR BODY, CONTINUOUS LINEAR SUSPENDED LIGHT FIXTURE, THE LIGHT DISTRIBUTION SHALL BE UNIFORM WITH NO HOT SPOTS . 4000K/5000K.	
W03	WIPRO (Stylus with Standard Diffuser) LM43-651-XXX-57-WX, DOWN 40W L=2400 LED, BLACK COLOR BODY, CONTINUOUS LINEAR SUSPENDED LIGHT FIXTURE, THE LIGHT DISTRIBUTION SHALL BE UNIFORM WITH NO HOT SPOTS . 4000K/5000K.	
W06	MAIN CABIN SPOT LIGHT IN RAFTER WOODEN CEILING 4000K.	



LIGHTING LEGEND		
W01	HYBEC- GALRE LESS DARK REFLECTOR SERIES, LED MODULE LIGHT (MODELNO- PRO-104), 15W COB, WHITE COLOR BODY, 38DEG AND 55DEG BEAM ANGLE DIMENSION: DIA=55MM,H=72MM, 4000K/5000K.	
H01	HYBEC DC 48VLINER SPOT LIGHT -10W, BLACK COLOR BODY, 100LM / W FIXTURE OUTPUT, 36 DEG BEAM ANGLE, 4000K/5000K. L=205MM,B=24.5,H=45MM	
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W06	MAIN CABIN SPOT LIGHT IN RAFTER WOODEN CEILING 4000K.	

WALL & JOINERY FINISHES		
	V	VENEER
	L	CUBBOARD LAMINATE
	WP	WALL PANELING
	OG	OUTDOOR GLAZING WITH CURTAIN BLINDS
	SK	SKIRTING (50MM)
	MG	MODULAR GLASS PARTITION
	BP	LACQUERED GLASS / BACK PAINTED GLASS
	P1	APPROVED PAINT
		GYPSUM BOARD CEILING @2900MM FROM FFL
DOOR NO.	DESCRIPTION	
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D6	2000 x 1200 (SECURITY ENTRANCE SWING DOOR)	
D7	1000 x 2400 (LAMINATE FINISH)	
FD	1000 x 2400 (FIRE DOOR)	
V1	600 x 1000 (TOILET VENT)	



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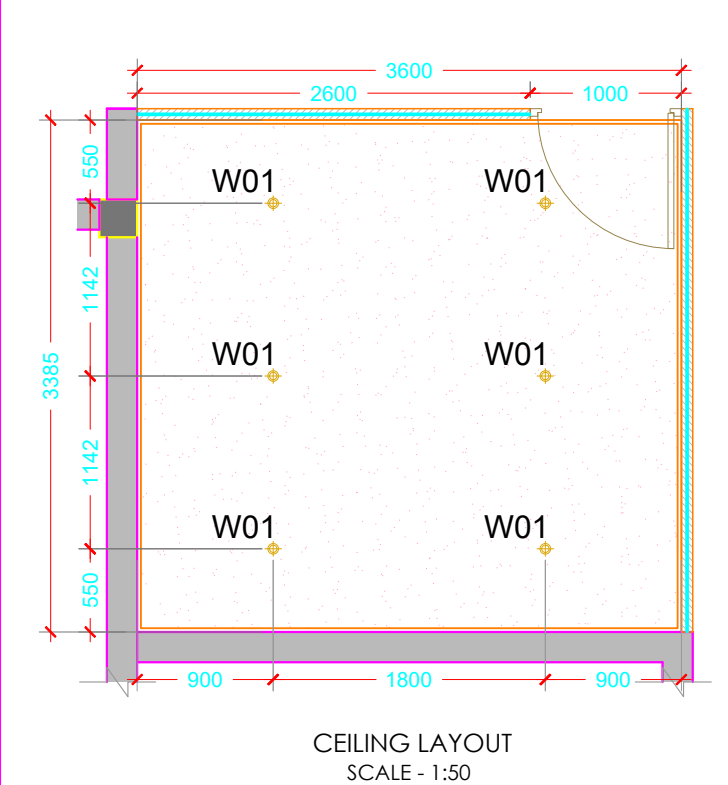
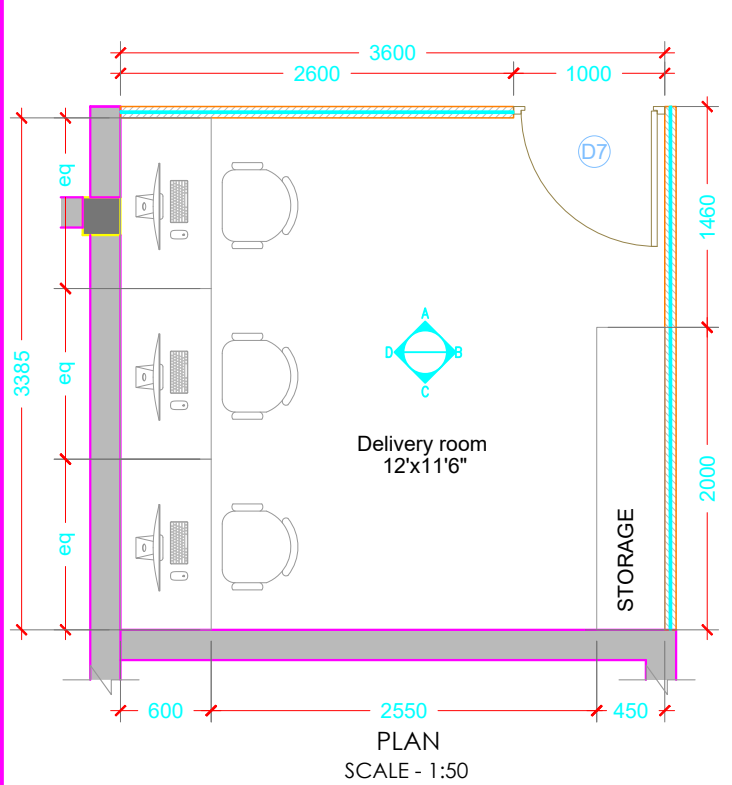
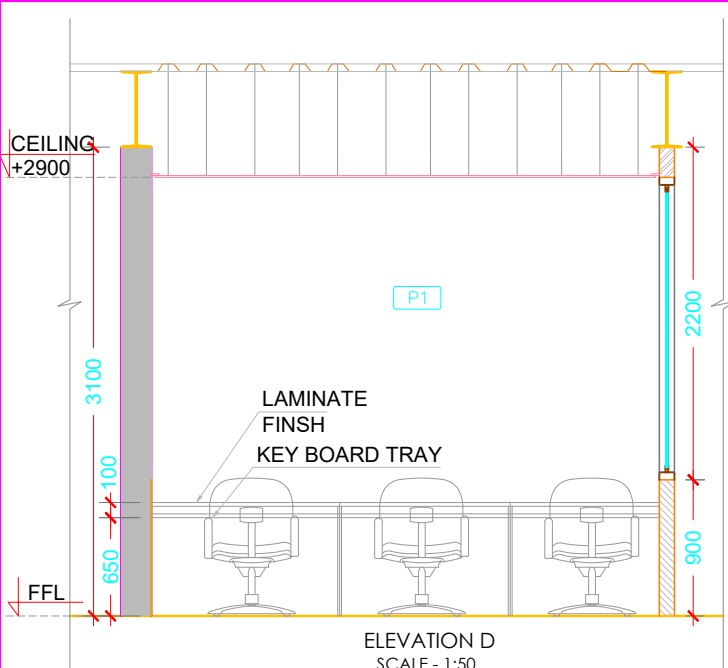
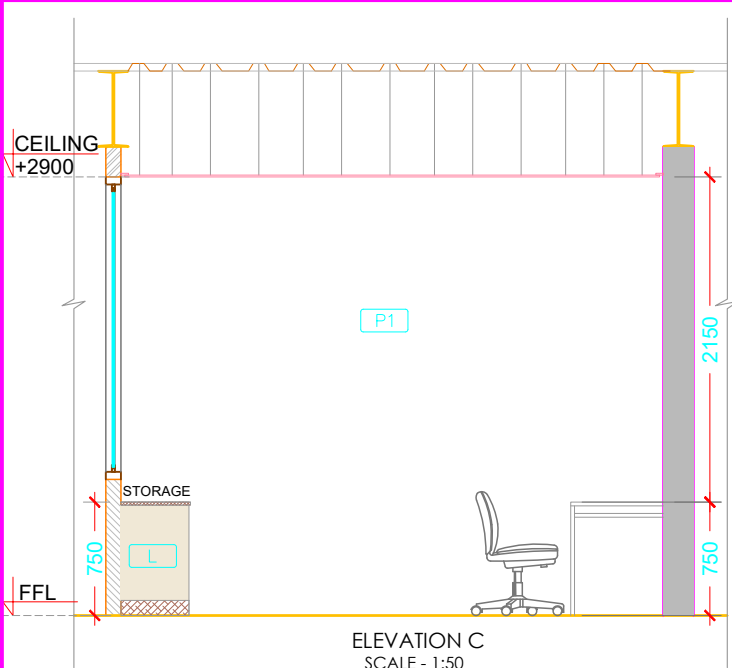
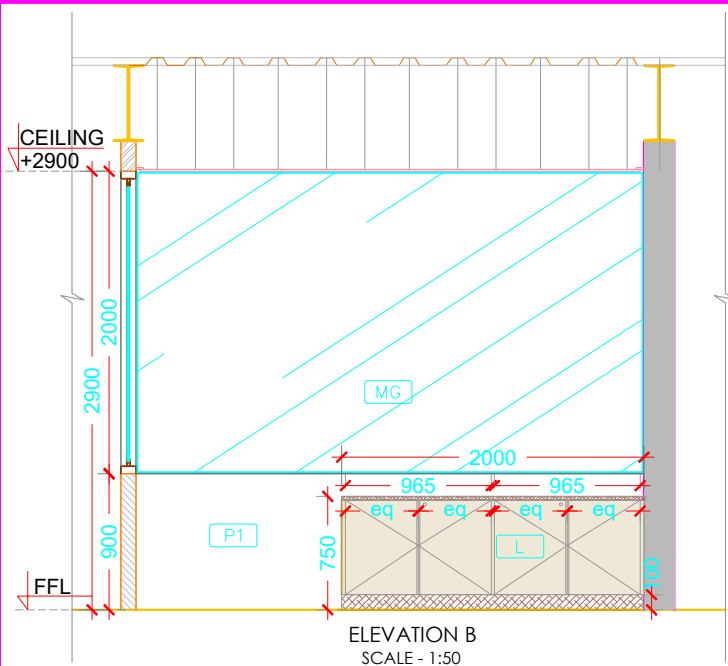
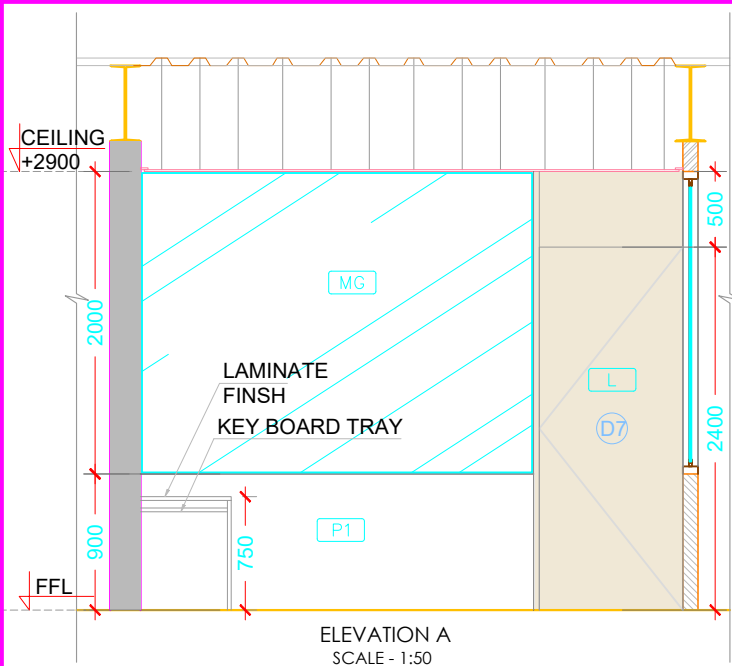
PEB CONSULTANTS :

STRUCTURAL CONSULTANTS :

ARCHITECTURAL DESIGN CONSULTANT :
CHORD DESIGN
06 B Zeevath Hsg. Soc. Behind German Bakery
Lane A – Koregaon Park, Pune - 411001
P 02041213819
E info@chorddesign.com

SUBJECT OF DRAWING :
UNIT01 - SERVICE CENTER

CAD FILE :			
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DRAWING NO. :	EL-11		REVISION NO. R0

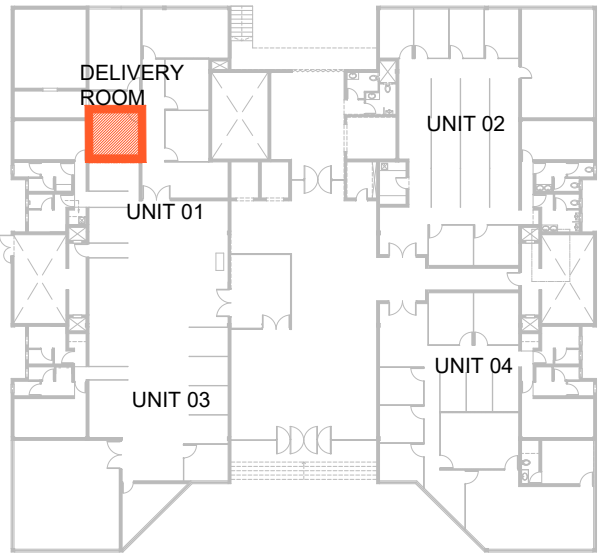


LIGHTING LEGEND

W01	HYBEC- GALRE LESS DARK REFLECTOR SERIES, LED MODULE LIGHT (MODELNO-PRO-104), 15W COB, WHITE COLOR BODY, 38DEG AND 55DEG BEAM ANGLE DIMENSION: DIA=55MM,H=72MM, 4000K/5000K.	
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W06	MAIN CABIN SPOT LIGHT IN RAFTER WOODEN CEILING 4000K.	

WALL & JOINERY FINISHES		
	V	VENEER
	L	CUBBOARD LAMINATE
	WP	WALL PANELING
	OG	OUTDOOR GLAZING WITH CURTAIN BLINDS
	SK	SKIRTING (50MM)
	MG	MODULAR GLASS PARTITION
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DOOR NO.	DESCRIPTION
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FD	1000 x 2400 (FIRE DOOR)
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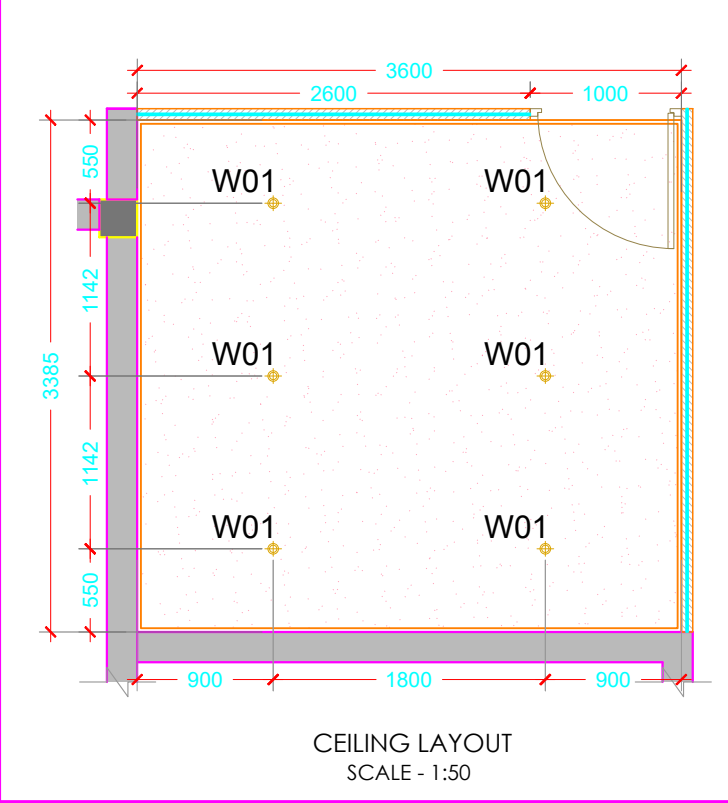
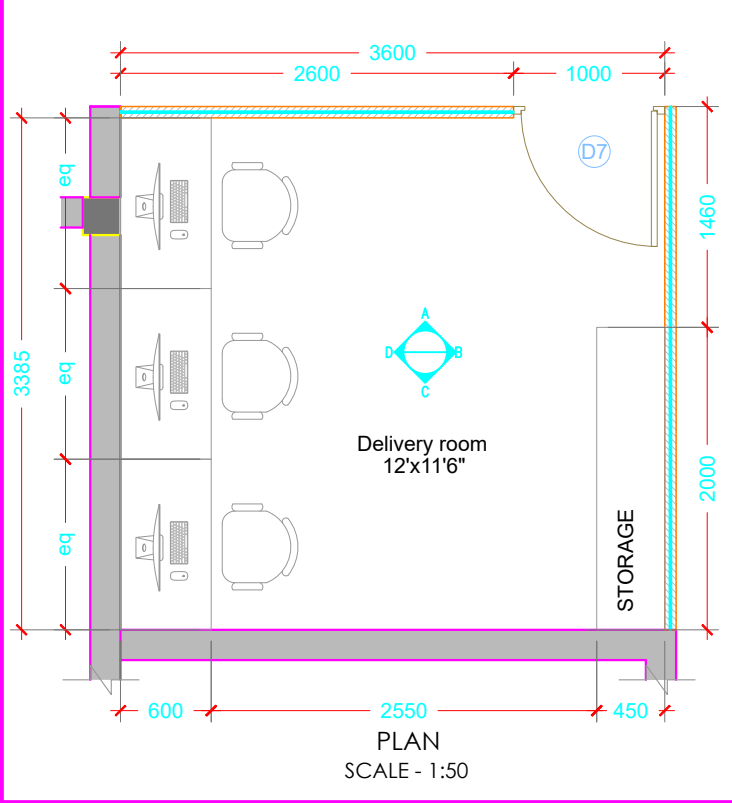
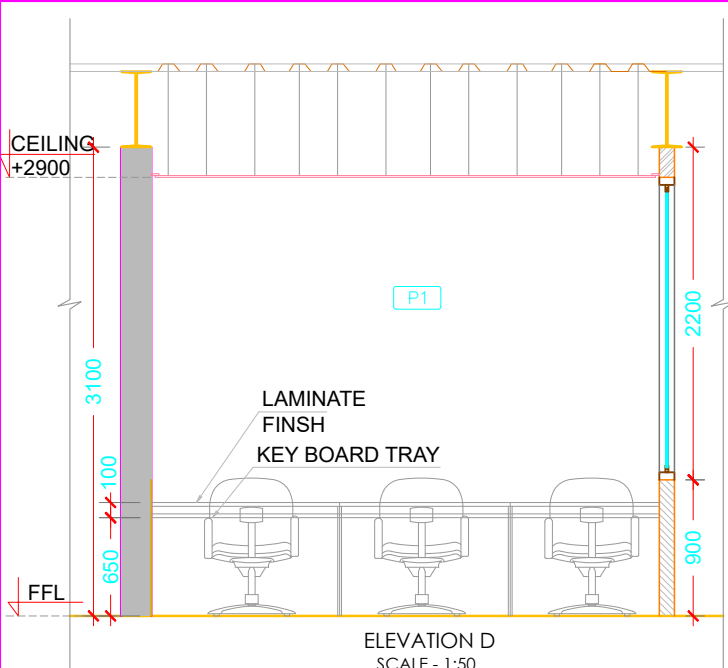
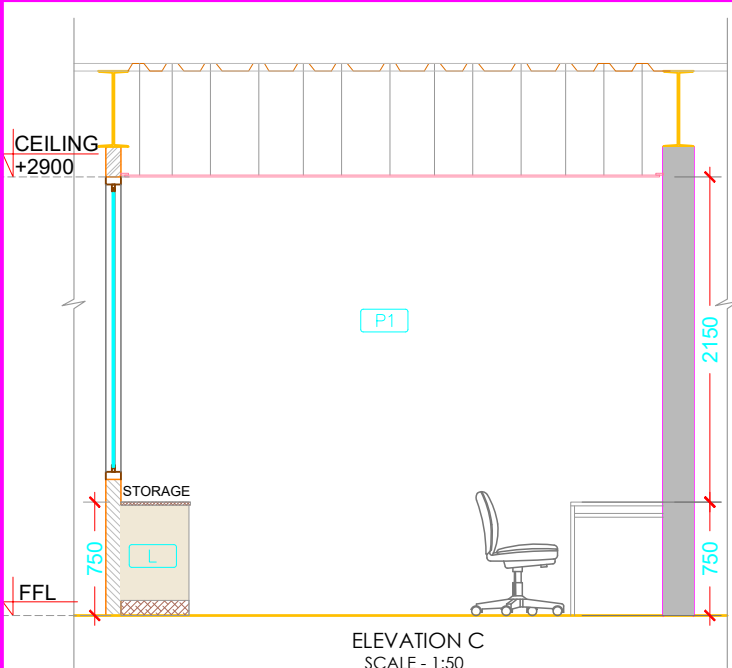
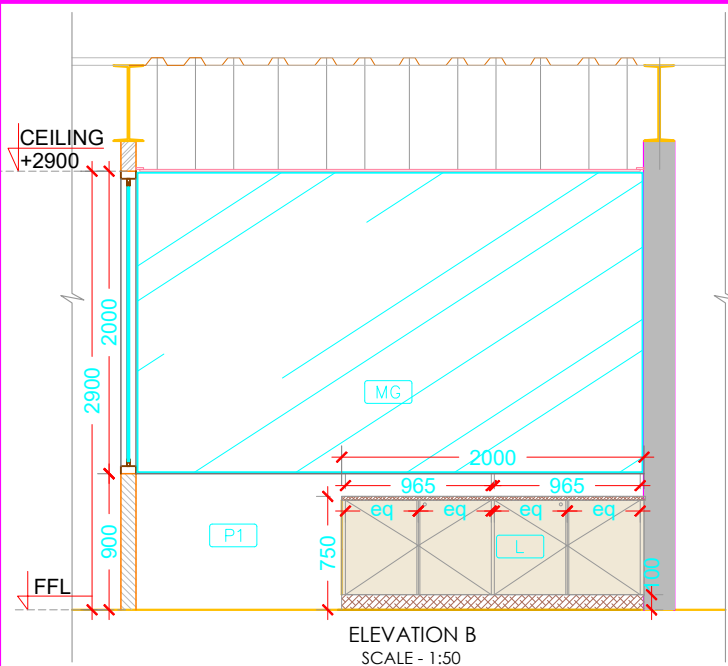
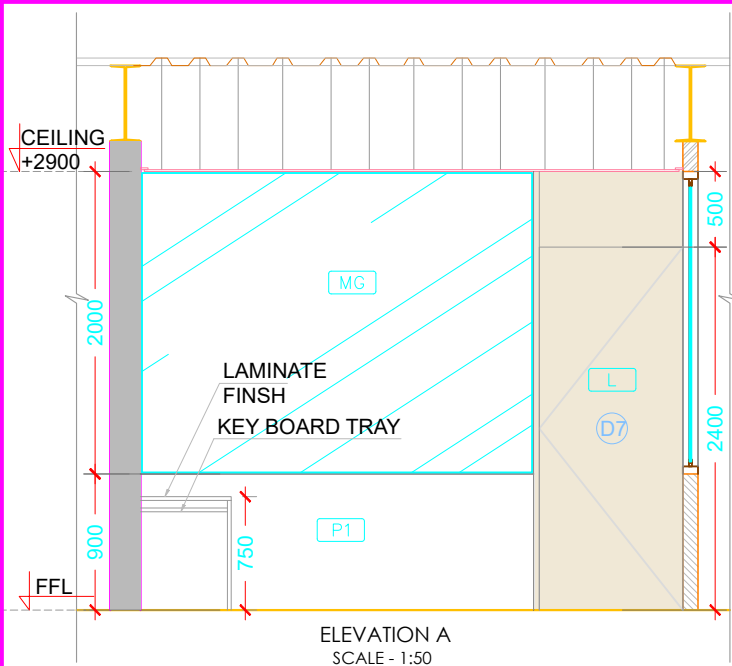
PEB CONSULTANTS :

STRUCTURAL CONSULTANTS :

ARCHITECTURAL DESIGN CONSULTANT :
CHORD DESIGN
06 B Zeenath Hsg. Soc. Behind German Bakery
Lane A – Korgaon Park, Pune - 411001
P 02041213819
E info@chorddesign.com

SUBJECT OF DRAWING :
UNIT01 - DELIVERY ROOM

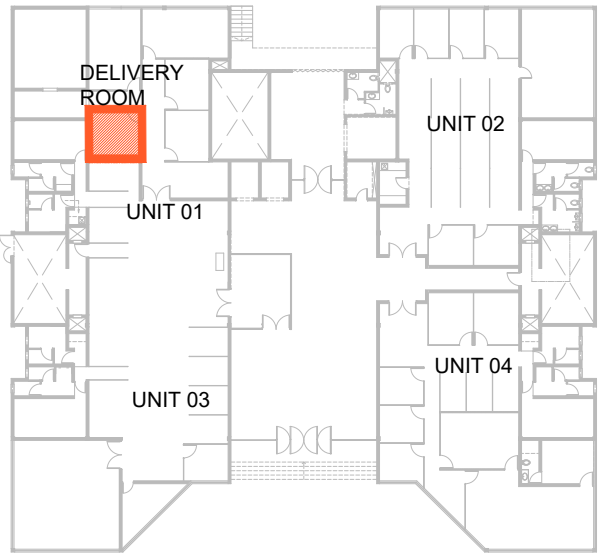
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CHECKED :	MIHIR	SCALE :	1:50 (A3)
DRAWING NO. :	EL-04		PROJECT NO. SDN.24 Ar
REVISION NO.			R0



LIGHTING LEGEND

W01	HYBEC- GALRE LESS DARK REFLECTOR SERIES, LED MODULE LIGHT (MODELNO-PRO-104), 15W COB, WHITE COLOR BODY, 38DEG AND 55DEG BEAM ANGLE DIMENSION: DIA=55MM,H=72MM, 4000K/5000K.	
H01	HYBEC DC 48V LINER SPOT LIGHT -10W, BLACK COLOR BODY, 100LM / W FIXTURE OUTPUT, 36 DEG BEAM ANGLE, 4000K/5000K. L=205MM,B=24.5,H=45MM	
W04	WIPRO (VERTICA) SUSPENDED CYLINDER 20W LED LIGHT FIXTURE WITH 36 DEG BEAM ANGLE , SIZE - DIA 80MM, HT = 165 MM, 4000K/5000K. LD30-201-36B-40-PS	
W02	WIPRO (Stylus with Standard Diffuser) LM43-321-XXX-57-WX, DOWN 30W L=1200 LED, BLACK COLOR BODY, CONTINUOUS LINEAR SUSPENDED LIGHT FIXTURE, THE LIGHT DISTRIBUTION SHALL BE UNIFORM WITH NO HOT SPOTS . 4000K/5000K.	
W03	WIPRO (Stylus with Standard Diffuser) LM43-651-XXX-57-WX, DOWN 40W L=2400 LED, BLACK COLOR BODY, CONTINUOUS LINEAR SUSPENDED LIGHT FIXTURE, THE LIGHT DISTRIBUTION SHALL BE UNIFORM WITH NO HOT SPOTS . 4000K/5000K.	
W06	MAIN CABIN SPOT LIGHT IN RAFTER WOODEN CEILING 4000K.	

WALL & JOINERY FINISHES		
	V	VENEER
	L	CUBBOARD LAMINATE
	WP	WALL PANELING
	OG	OUTDOOR GLAZING WITH CURTAIN BLINDS
	SK	SKIRTING (50MM)
	MG	MODULAR GLASS PARTITION
	BP	LACQUERED GLASS / BACK PAINTED GLASS
	P1	APPROVED PAINT
		GYPSUM BOARD CEILING @2900MM FROM FFL
DOOR NO.	DESCRIPTION	
D1	1000 x 2400 (VENEER FINISH)	
D2	850 x 2400 (SOLID DOOR)	
D3	2000 x 2400 (SOLID DOOR)	
D4	900 x 2400 (TOILET SOLID DOOR)	
D5	800 x 2400 (TOILET SOLID DOOR)	
D6	2000 x 1200 (SECURITY ENTRANCE SWING DOOR)	
D7	1000 x 2400 (LAMINATE FINISH)	
FD	1000 x 2400 (FIRE DOOR)	
V1	600 x 1000 (TOILET VENT)	



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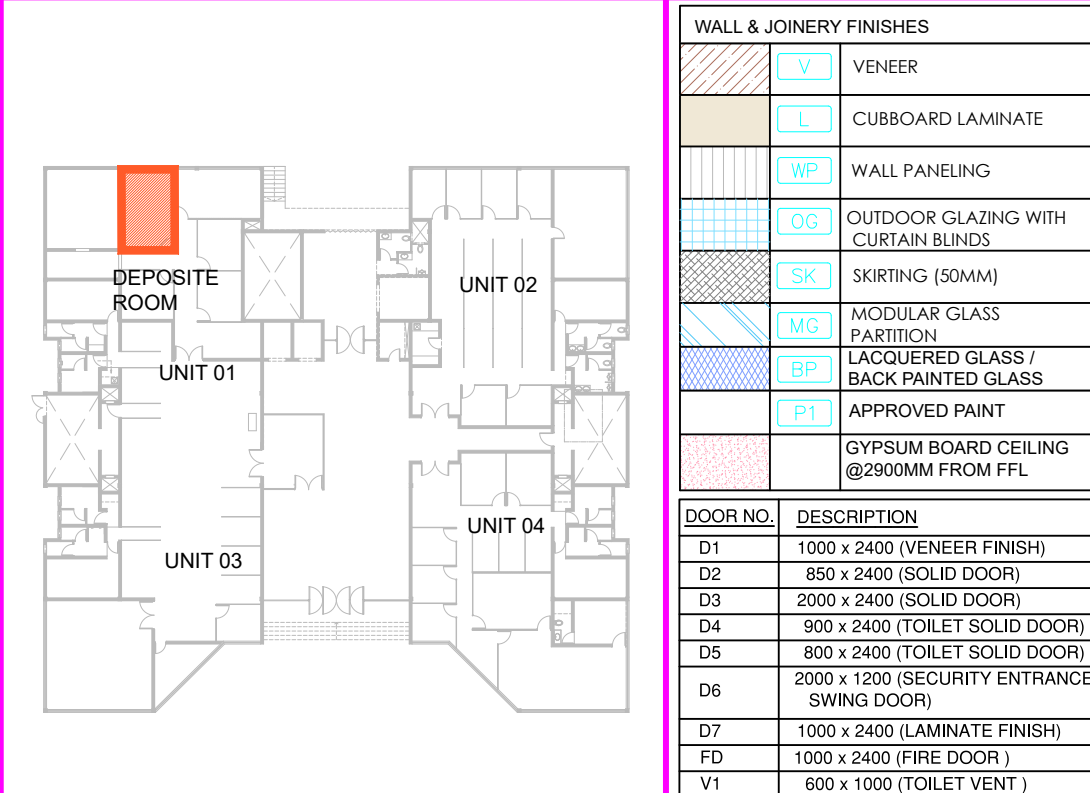
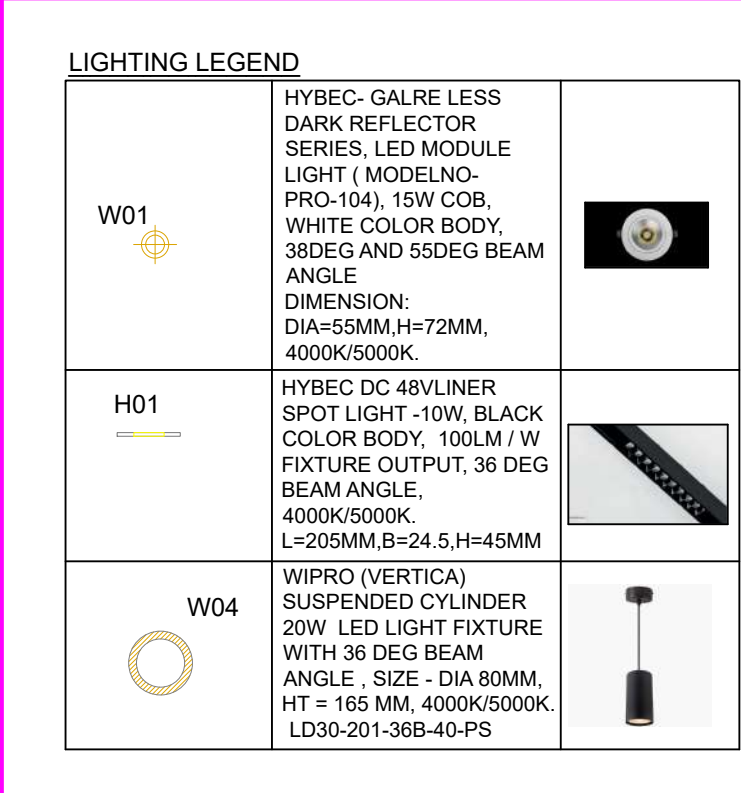
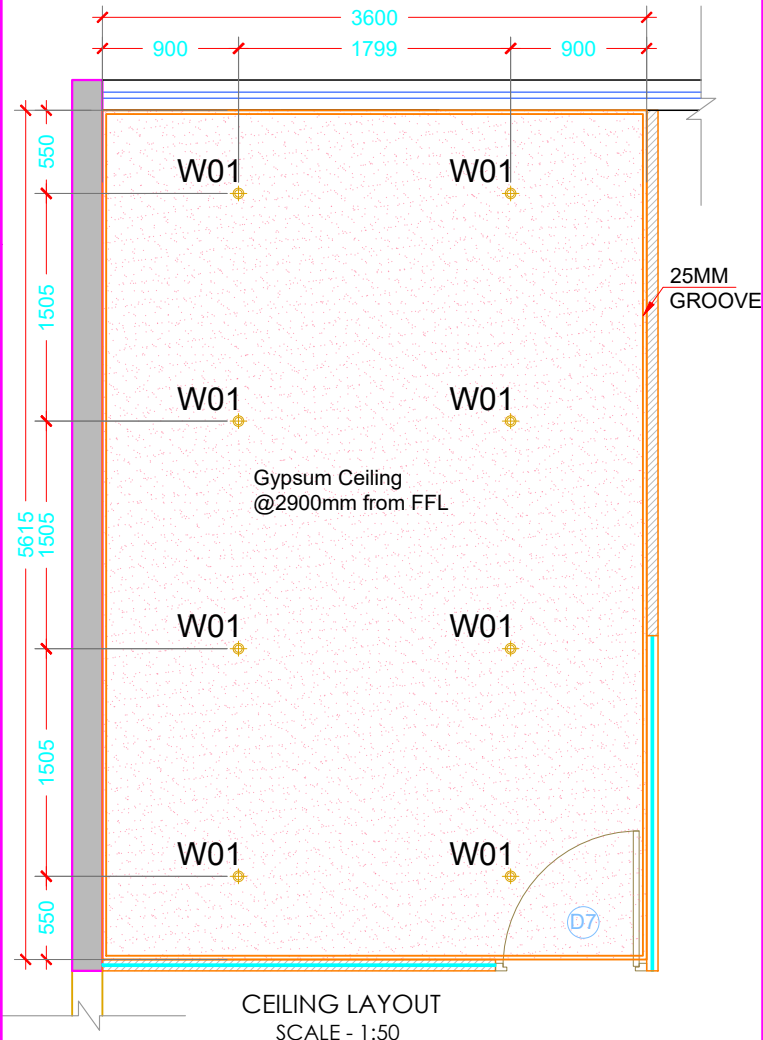
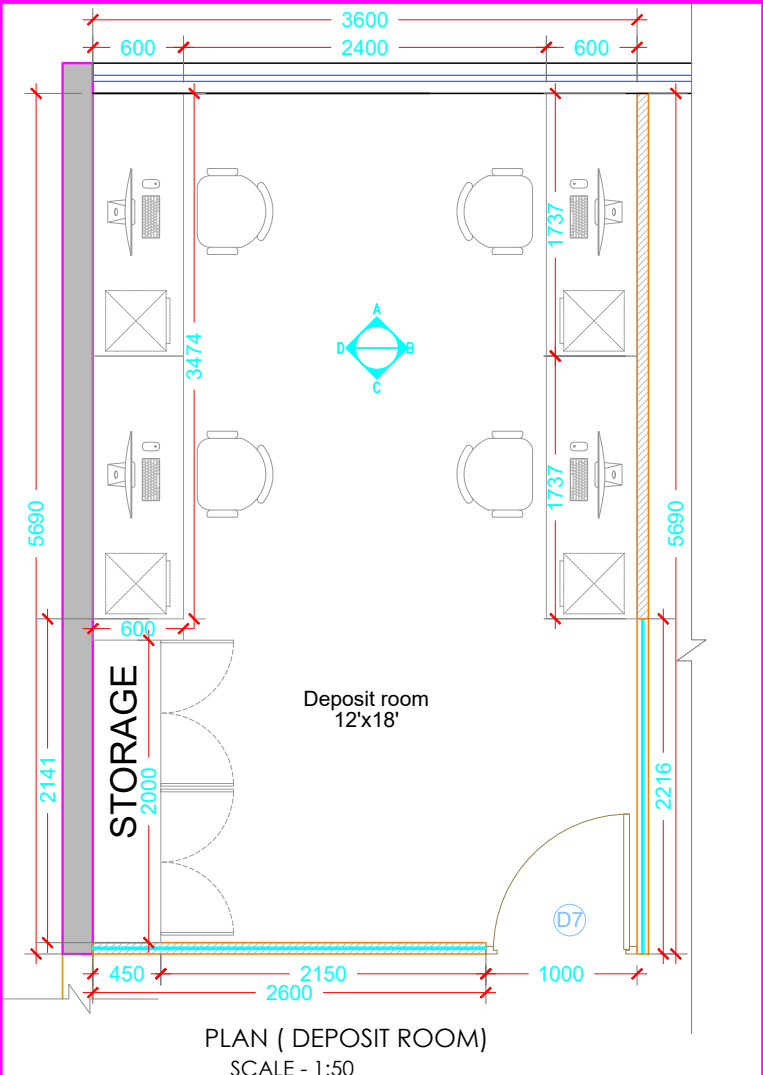
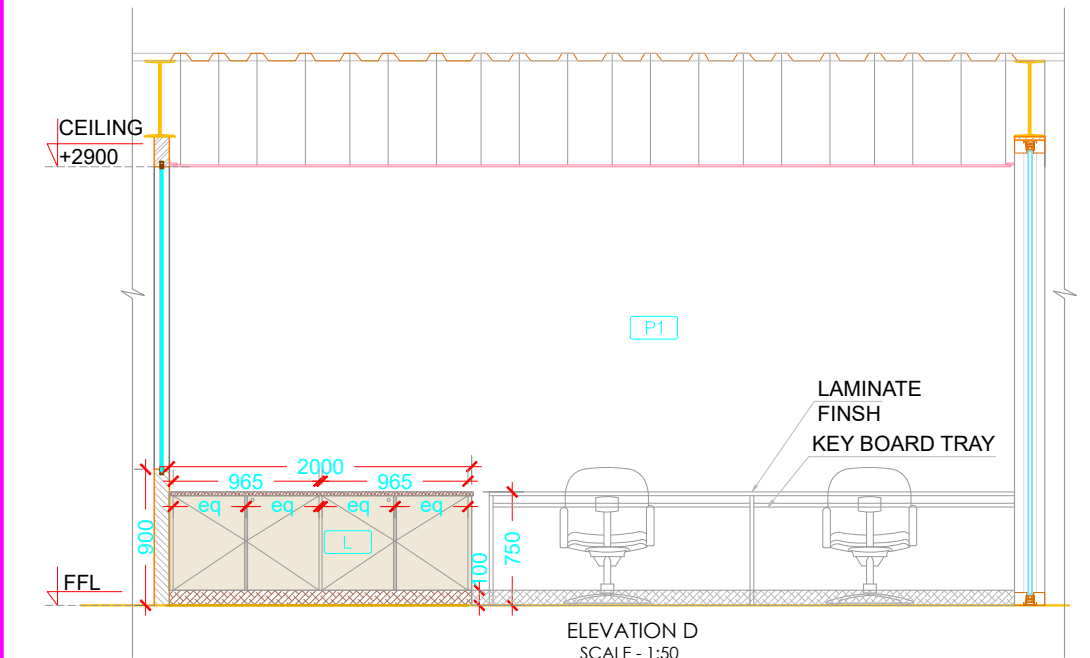
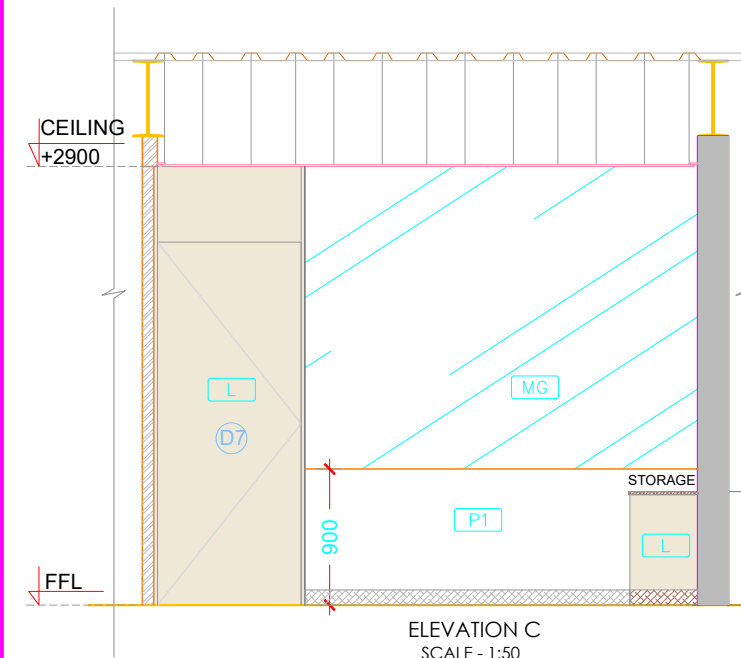
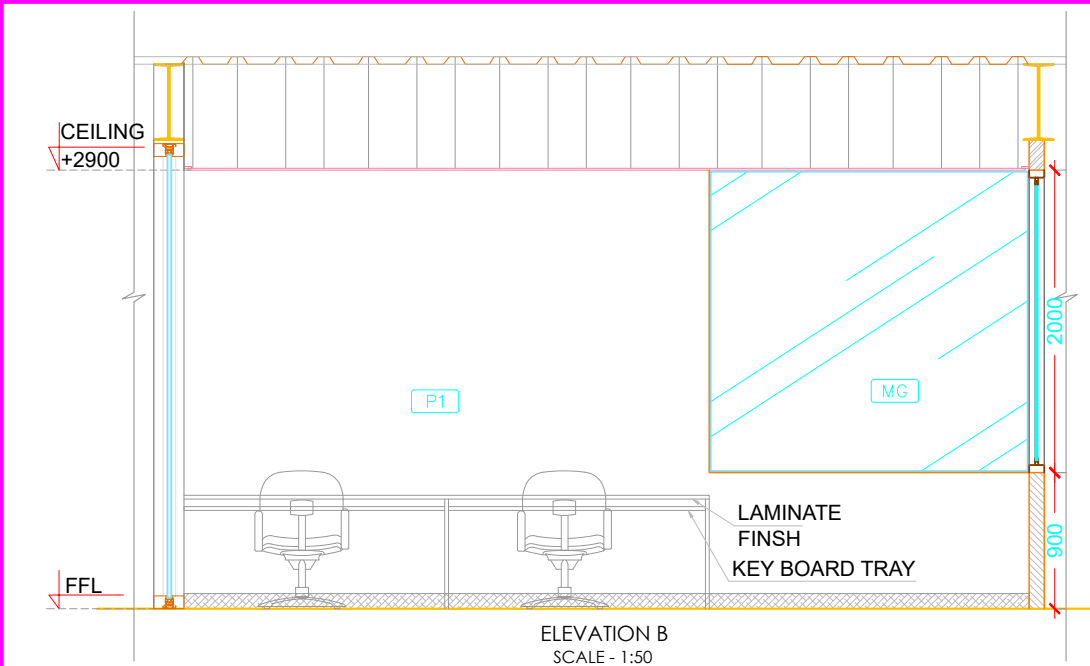
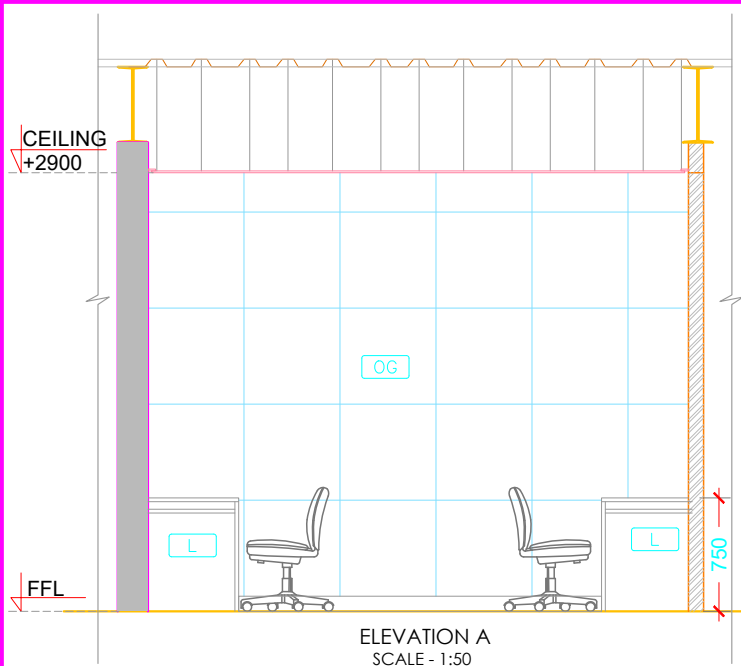
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STRUCTURAL CONSULTANTS :

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Lane A - Koregaon Park, Pune - 411001
P 02041213819
E info@chorddesign.com

SUBJECT OF DRAWING :
UNIT01 - DELIVERY ROOM

CAD FILE :			
DEALT :	GARGI	DATE :	04.04.2025
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DRAWING NO. :	EL-12		PROJECT NO. SDN.24 Ar
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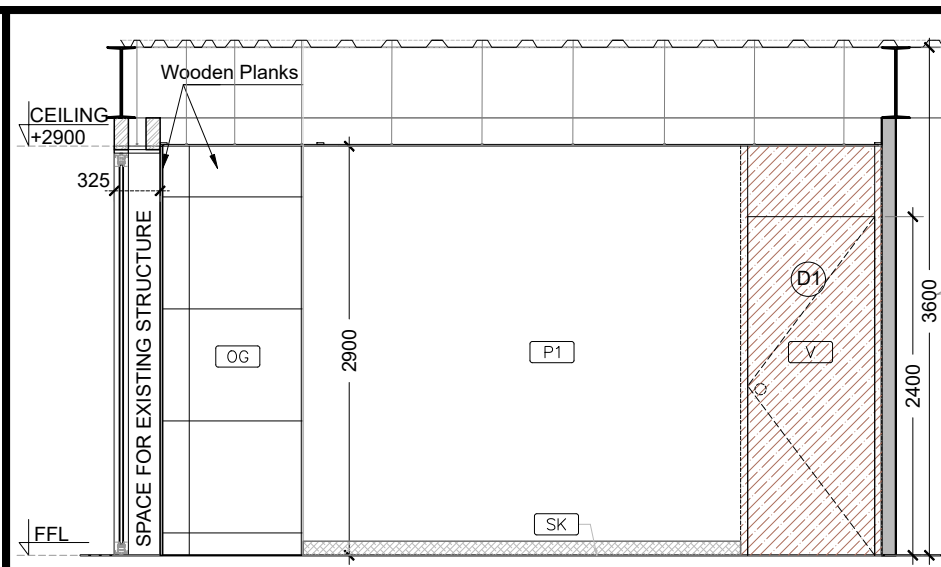
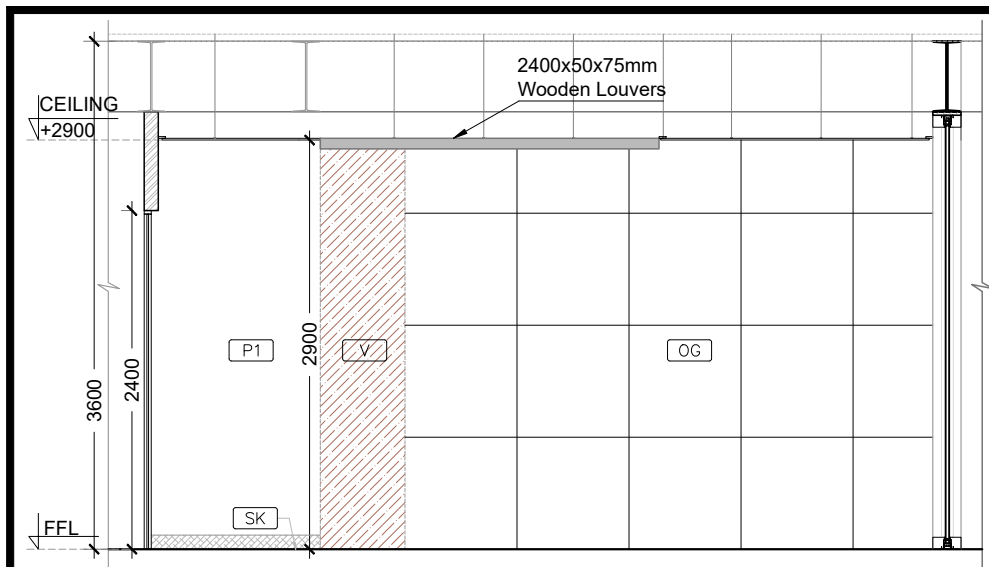
STRUCTURAL CONSULTANTS :








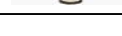
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P 02041213819
E info@chorddesign.com

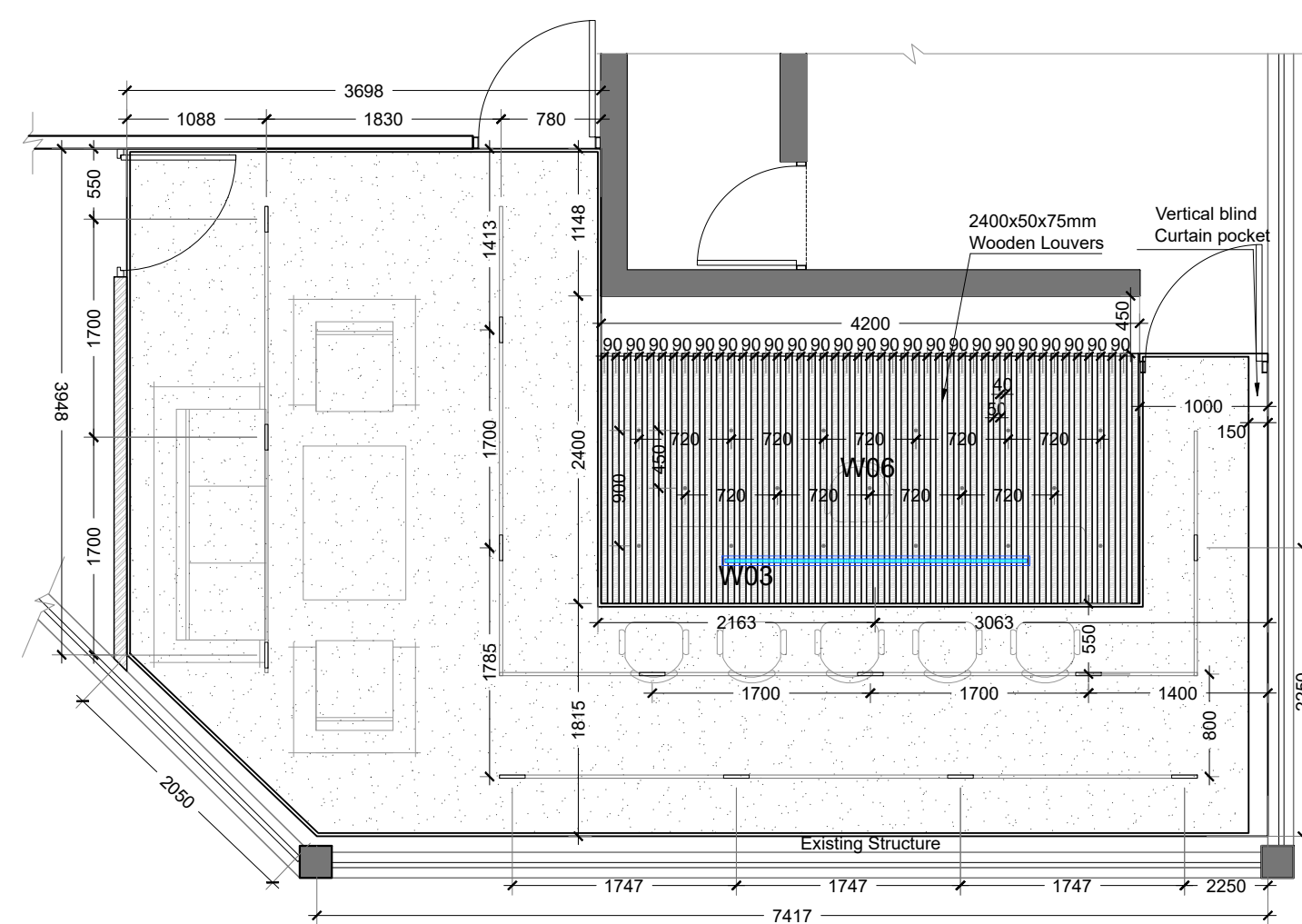
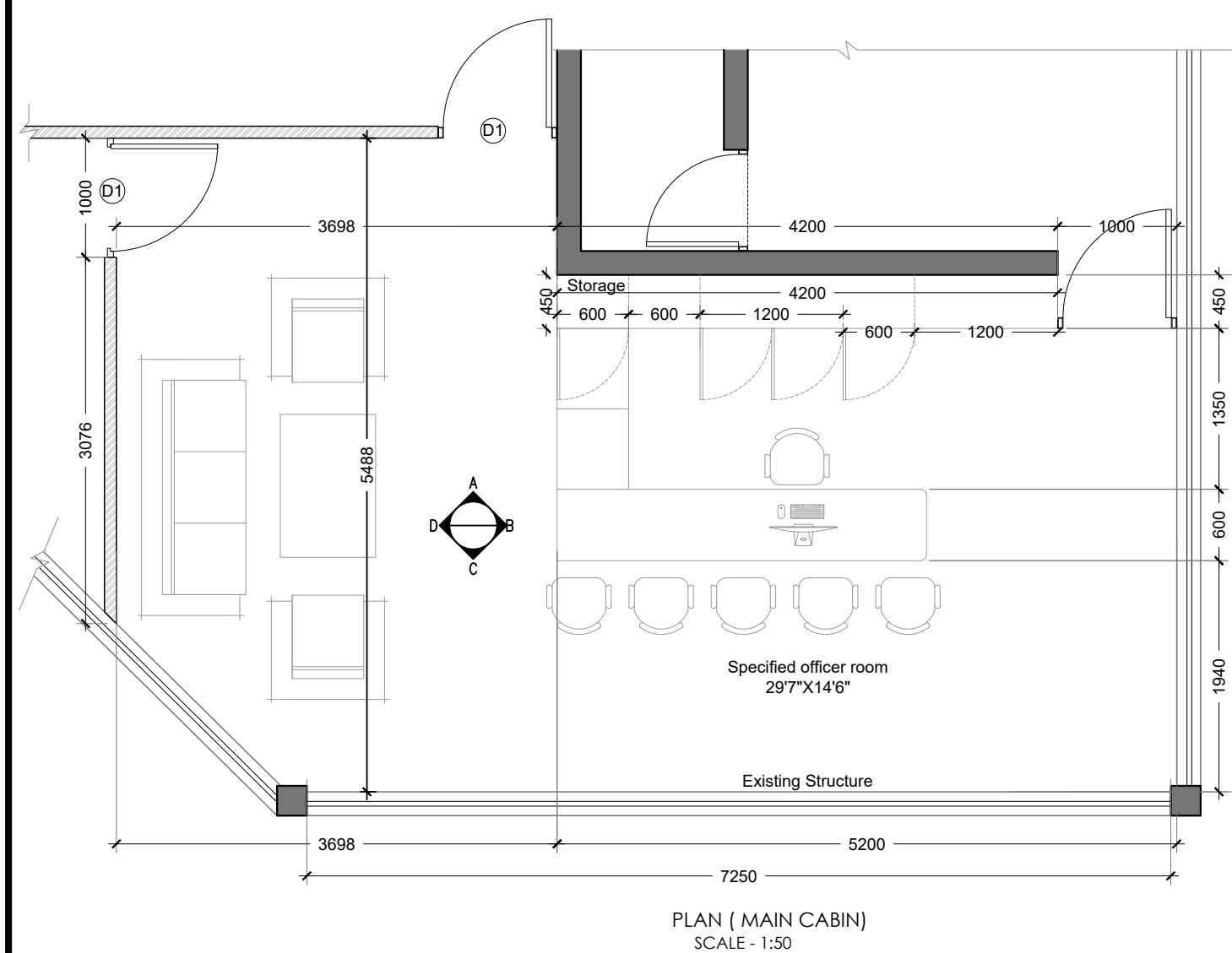
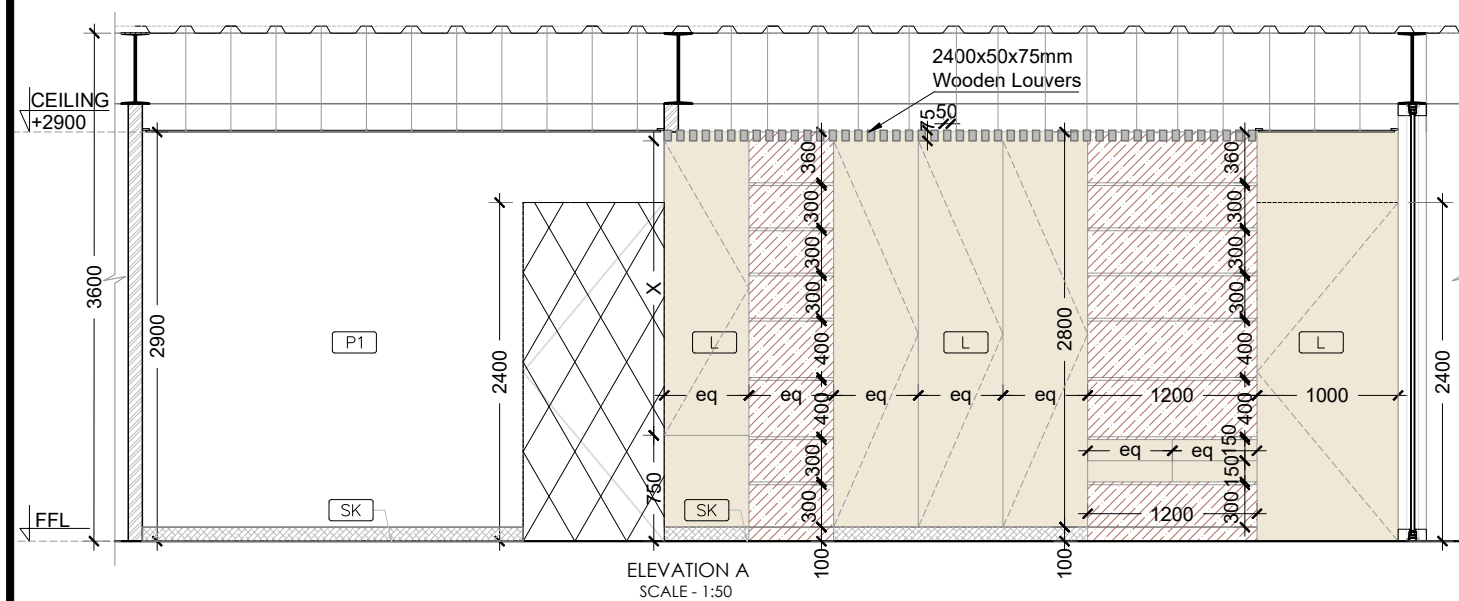
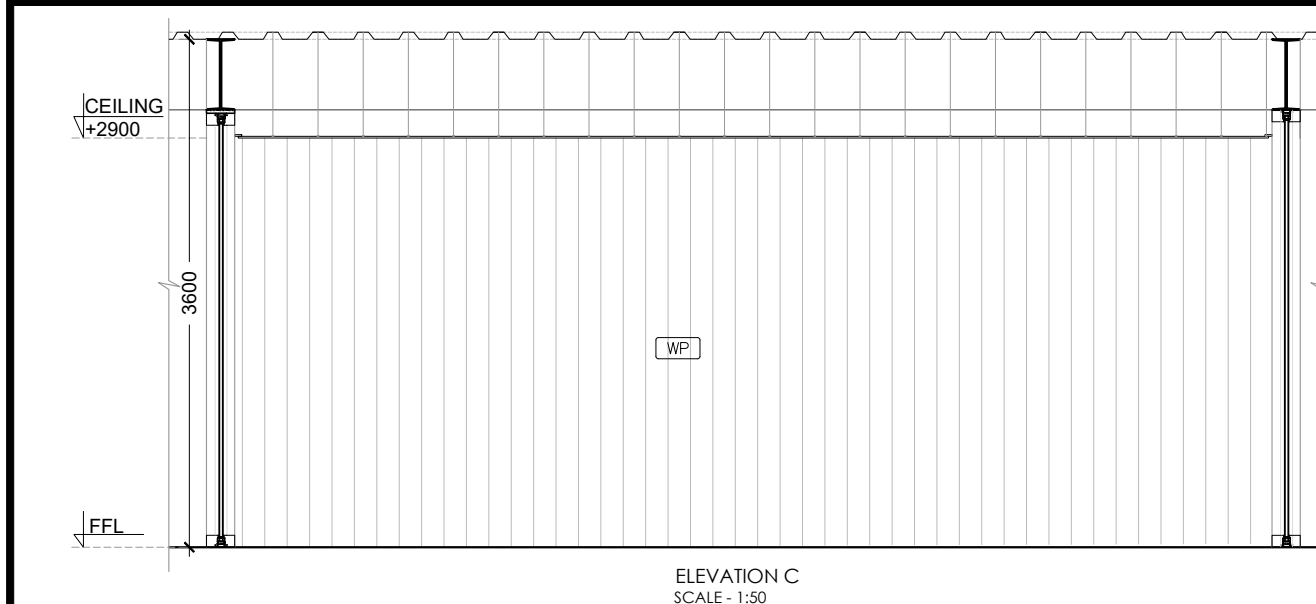
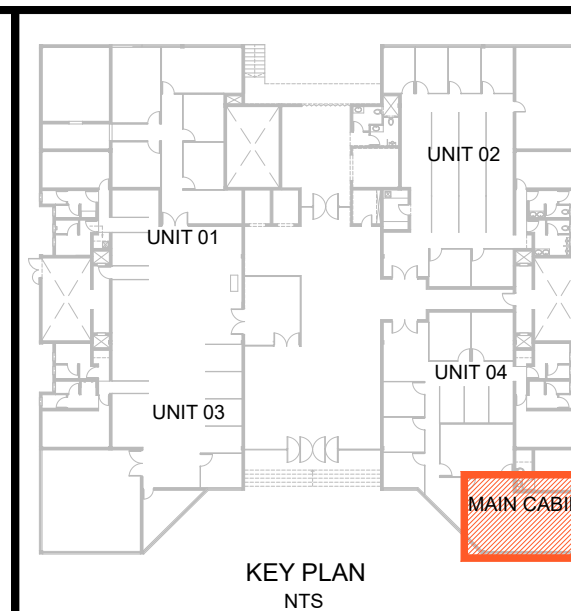
SUBJECT OF DRAWING :
UNIT01 - DEPOSIT ROOM










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CHECKED :	MIHIR	SCALE :	1:50 (A3)	SDN.24 Ar		
DRAWING NO. :	EL-10				REVISION NO.	R0



LIGHTING LEGEND			
W01		<p>HYBEC- GALRE LESS DARK REFLECTOR SERIES, LED MODULE LIGHT (MODELNO- PRO-104), 15W COB, WHITE COLOR BODY, 38DEG AND 55DEG BEAM ANGLE DIMENSION: DIA=55MM, H=72MM.</p>	
H01		<p>HYBEC DC 48VLINER SPOT LIGHT -10W, BLACK COLOR BODY, 100LM / W FIXTURE OUTPUT, 36 DEG BEAM ANGLE, 3000K/4000K. L=205MM, B=24.5, H=45MM</p>	
W04		<p>WIPRO (VERTICA) SUSPENDED CYLINDER 20W LED LIGHT FIXTURE WITH 36 DEG BEAM ANGLE SIZE - DIA 80MM, HT= 165 MM, LD30-201-36B-40-PS</p>	
W06		<p>MAIN CABIN SPOT LIGHT IN RAFTER WOODEN CEILING</p>	



WALL & JOINERY FINISHES		
	V	VENEER
	L	CUBBOARD LAMINATE
	WP	WALL PANELING
	OG	OUTDOOR GLAZING WITH CURTAIN BLINDS
	SK	SKIRTING (50MM)
	MG	MODULAR GLASS PARTITION
	BP	LACQUERED GLASS / BACK PAINTED GLASS
	P1	APPROVED PAINT
		GYPSUM BOARD CEILING @2900MM FROM FFL

<u>DOOR NO.</u>	<u>DESCRIPTION</u>
D1	1000 x 2400 (VENEER FINISH)
D2	850 x 2400 (SOLID DOOR)
D3	2000 x 2400 (SOLID DOOR)
D4	900 x 2400 (TOILET SOLID DOOR)
D5	800 x 2400 (TOILET SOLID DOOR)
D6	2000 x 1200 (SECURITY ENTRANCE SWING DOOR)
D7	1000 x 2400 (LAMINATE FINISH)
FD	1000 x 2400 (FIRE DOOR)
V1	600 x 1000 (TOILET VENT)

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[illegible]

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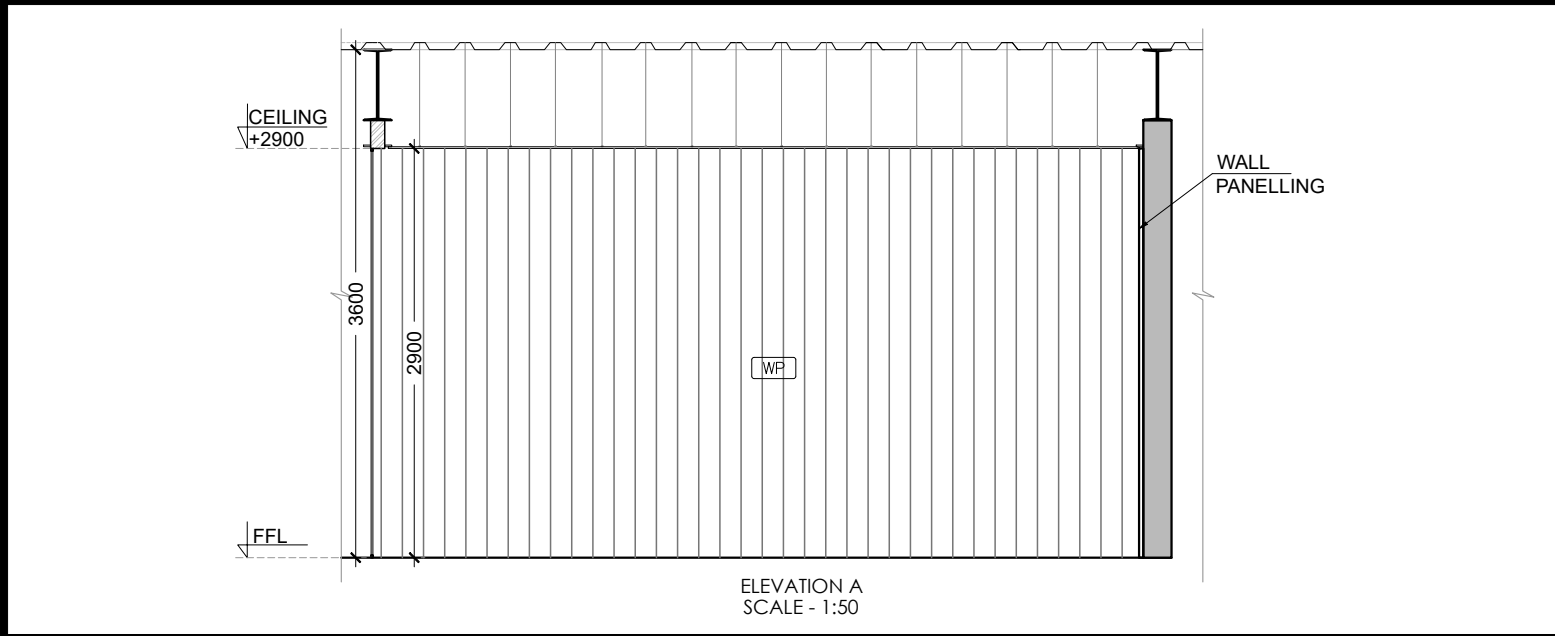
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P 02041213819
E info@chorddesign.com

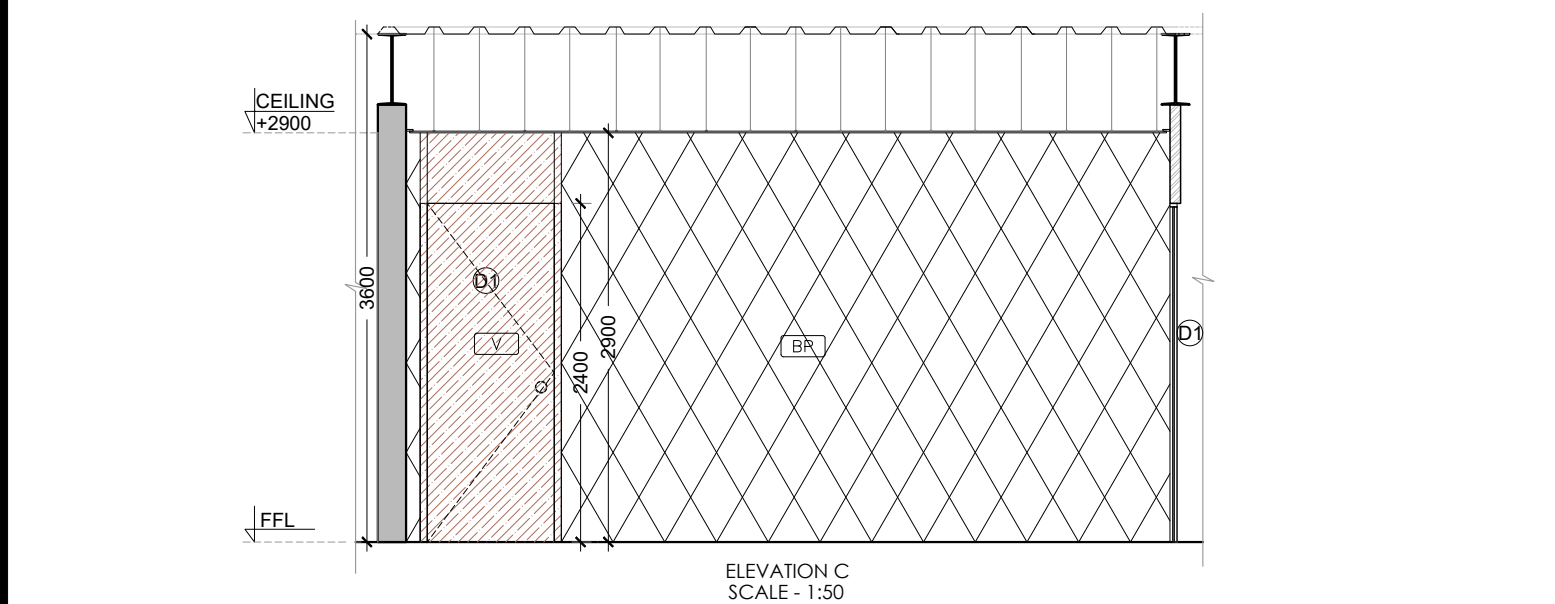
SUBJECT OF DRAWING :
UNIT 04- SPECIFIED OFFICER CABIN

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CHECKED :	MIHIR	SCALE :	1:50 (A2)
		PROJECT NO. SDN 24 Ar	

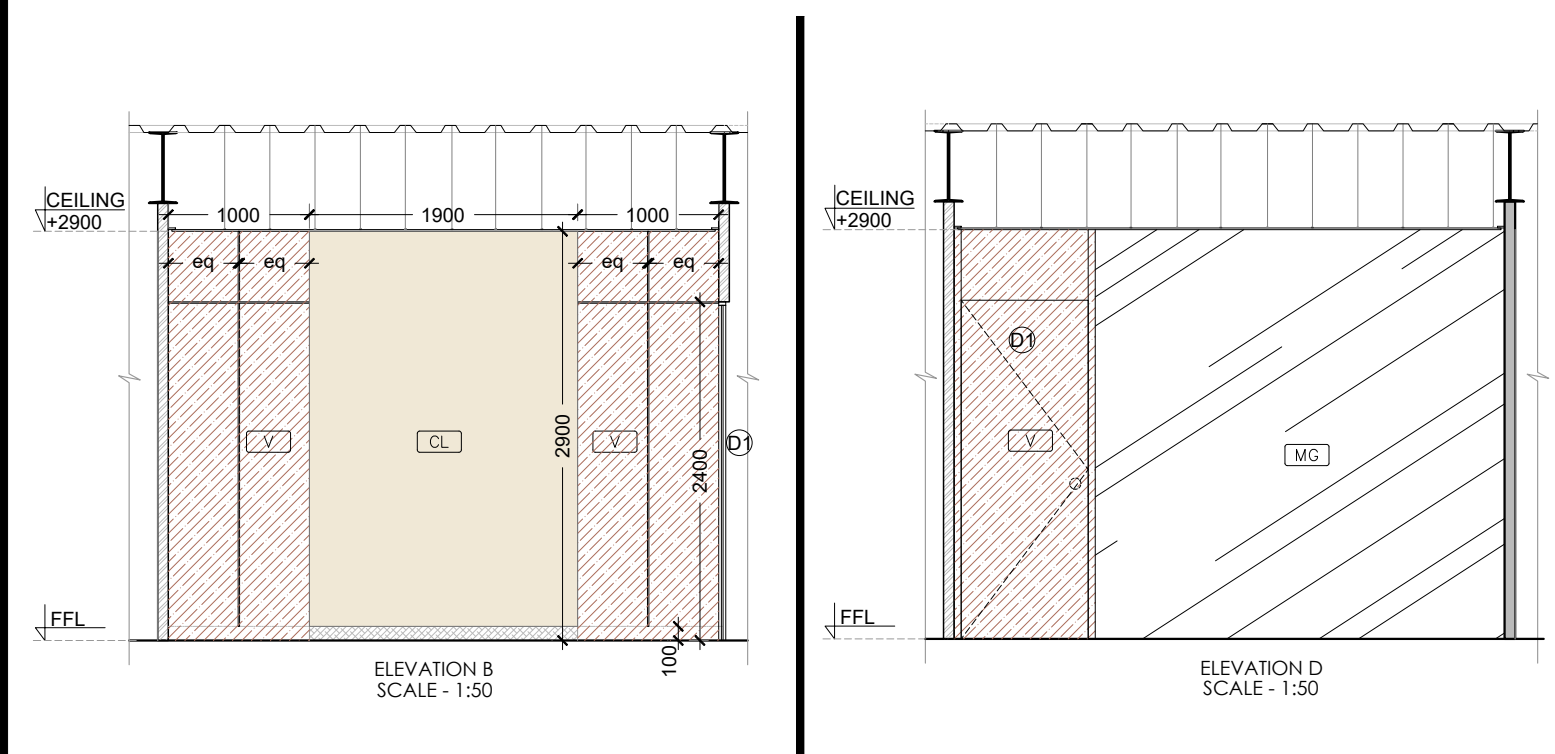
DRAWING NO. :	EL-07	REVISION NO.	R0
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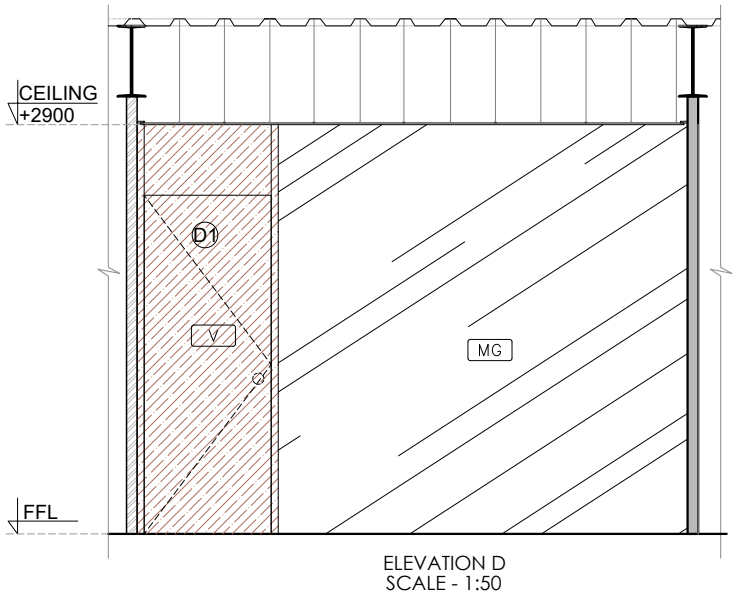
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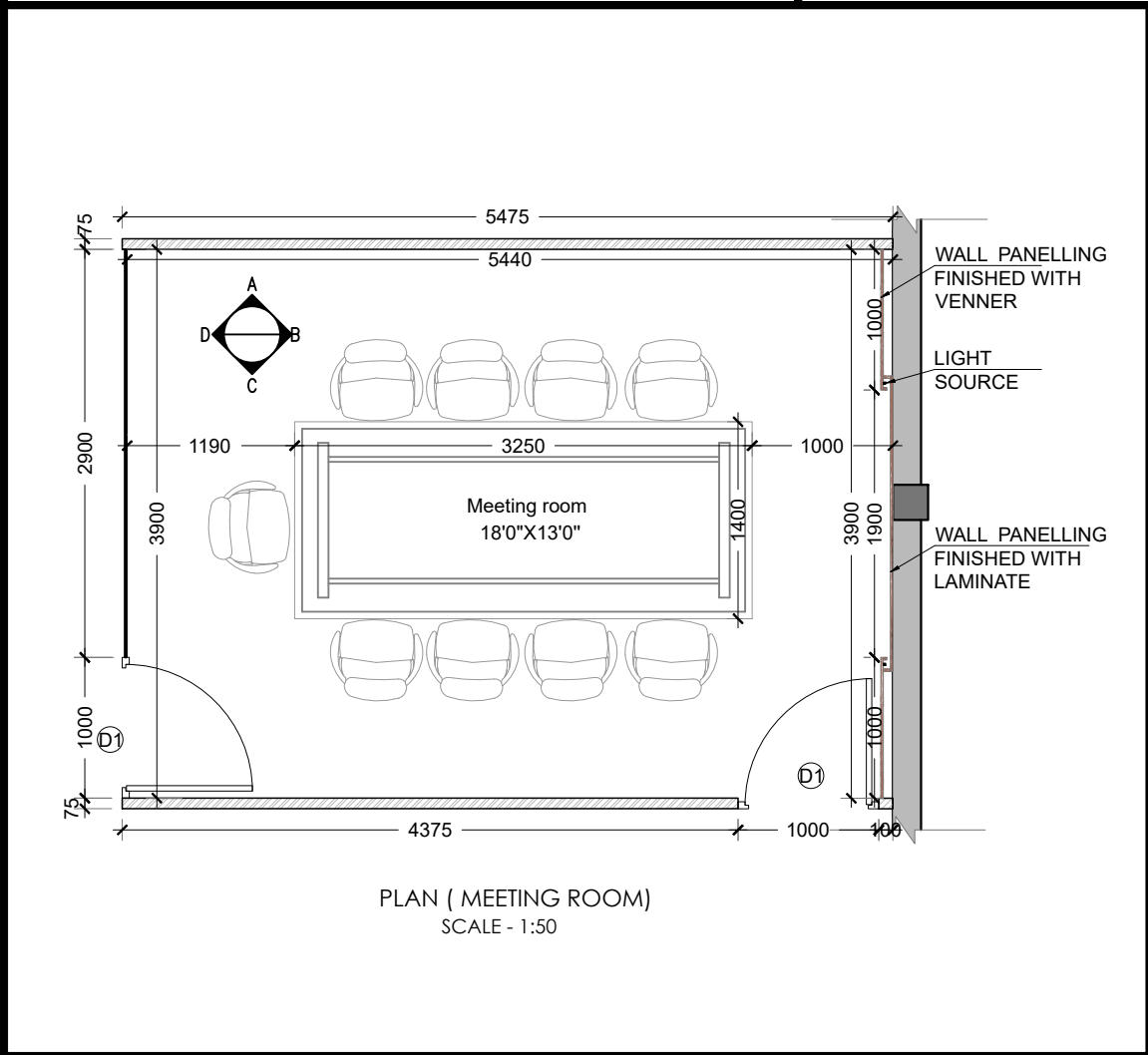
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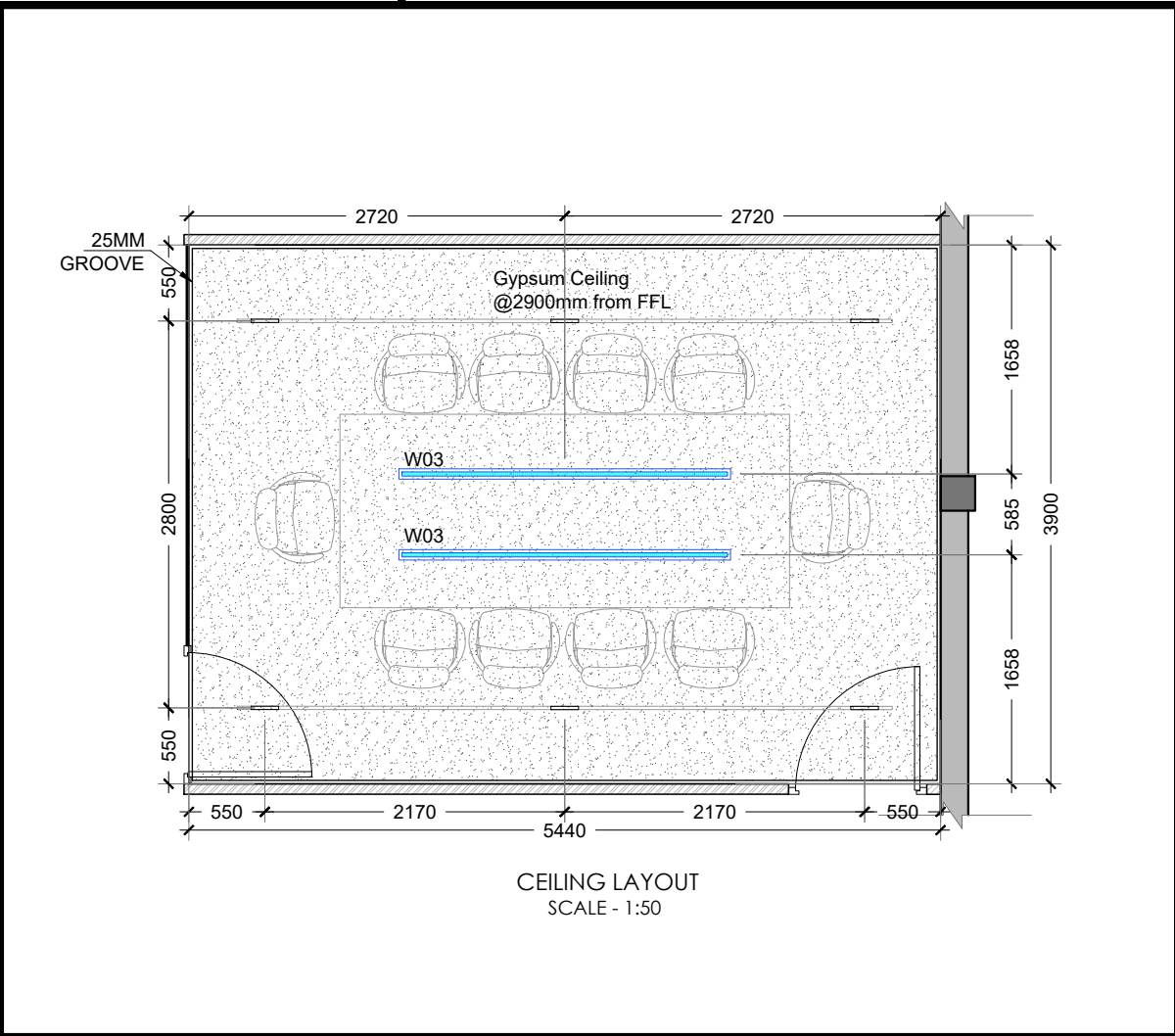
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ELEVATION D
SCALE - 1:50



PLAN (MEETING ROOM)
SCALE - 1:50

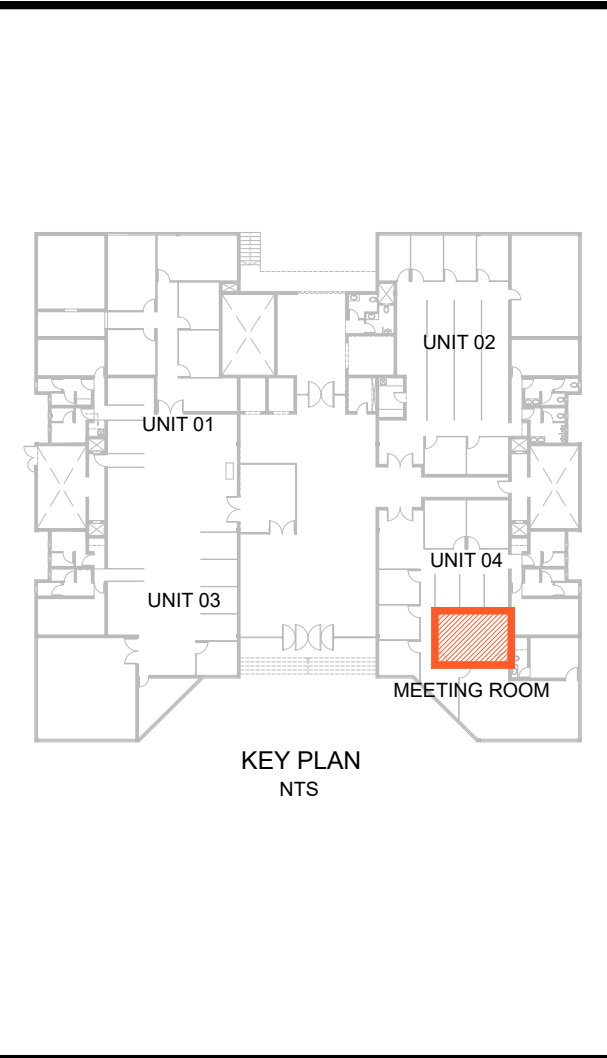


CEILING LAYOUT
SCALE - 1:50

WALL & JOINERY FINISHES		
	V	VENEER
	L	CUBBOARD LAMINATE
	WP	WALL PANELING
	OG	OUTDOOR GLAZING WITH CURTAIN BLINDS
	SK	SKIRTING (50MM)
	MG	MODULAR GLASS PARTITION
	BP	LACQUERED GLASS / BACK PAINTED GLASS
	P1	APPROVED PAINT
		GYPSUM BOARD CEILING @2900MM FROM FFL

DOOR NO.	DESCRIPTION
D1	1000 x 2400 (VENEER FINISH)
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W01	HYBEC- GALRE LESS DARK REFLECTOR SERIES, LED MODULE LIGHT (MODELNO- PRO-104), 15W COB, WHITE COLOR BODY, 38DEG AND 55DEG BEAM ANGLE DIMENSION: DIA=55MM,H=72MM, 4000K/5000K.	
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W03	WIPRO (Stylus with Standard Diffuser) LM43-651-XXX-57-WX, DOWN 40W L=2400 LED, BLACK COLOR BODY, CONTINUOUS LINEAR SUSPENDED LIGHT FIXTURE. THE LIGHT DISTRIBUTION SHALL BE UNIFORM WITH NO HOT SPOTS . 4000K/5000K.	
W06	MAIN CABIN SPOT LIGHT IN RAFTER WOODEN CEILING 4000K.	



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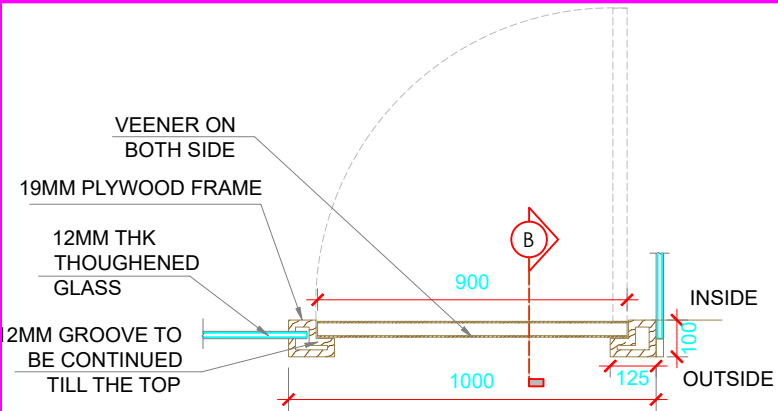
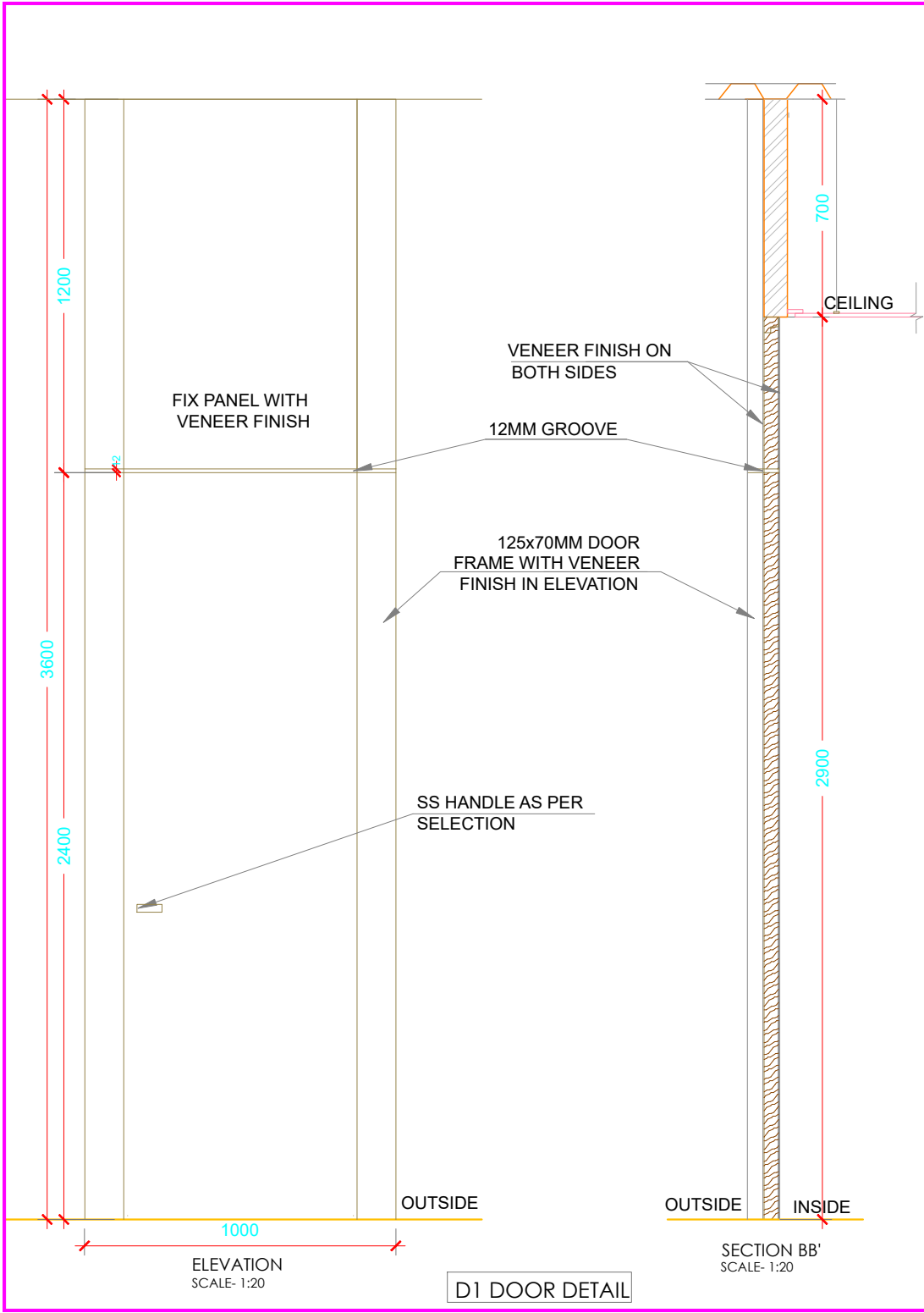
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P. 02041213819
E. info@chorddesign.com

SUBJECT OF DRAWING :

UNIT04 - MEETING ROOM

CAD FILE :			
DEALT:	SALONI	DATE:	04.04.2025
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DRAWING NO. :		REVISION NO.	
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05. THIS DRAWING SHALL BE READ IN CONJUNCTION WITH ALL RELEVANT ARCHITECTURAL, STRUCTURAL AND SERVICES DRAWINGS. ANY DISCREPANCY NOTICED SHALL BE BROUGHT TO THE ATTENTION OF THE CONSULTANTS WITHIN RESPONSIBLE TIME OF RECEIPT OF THIS DRAWINGS, BUT ALWAYS PRIOR TO PROCUREMENT / EXECUTION OF WORKS.
06. ANY DRAWING PREPARED BY THE CONTRACTOR / SUB-CONTRACTOR / VENDOR AND APPROVED BY THE ARCHITECT / PROJECT MANAGER IS FOR GENERAL CONFORMITY WITH THE OUTLINE DESIGN INTENT ONLY. SUCH APPROVALS DO NOT RELIEVE THE CONTRACTOR TOGETHER WITH THE SUB-CONTRACTOR / VENDOR FOR FULL RESPONSIBILITY FOR ACCURACY, INTEGRATION AND FITNESS OF DESIGN (TO THE EXTENT APPLICABLE) AND CONSTRUCTION FOR MEETING THE PURPOSE OF DESIGN.
07. IF VARIATIONS ARE FOUND BETWEEN THE DRAWINGS AND THE TECHNICAL SPECIFICATIONS OR REQUIREMENT OF ADDITIONAL INFORMATION TO FULFILL THE INTENT OF THE DESIGN FOUND DURING EXECUTION OF THE WORK, THE DECISION AS TO WHAT IS TO BE APPLIED OR ANY FURTHER INFORMATION FURNISHED BY THE ARCHITECT/PM/CONSULTANT SHALL BE FINAL & BINDING TO THE CONTRACTOR.

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COPIES	DATE	TO	FOR
REVISIONS :			
REV.No	REV. DATE	REMARKS	

ADVANCE COPY

EPC CONTRACTOR:

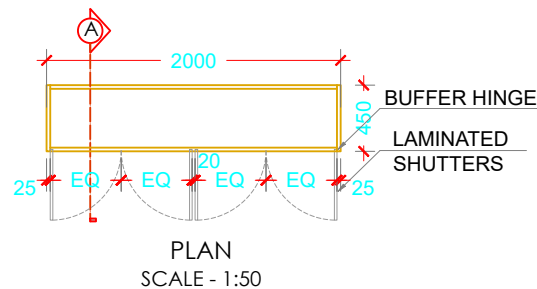
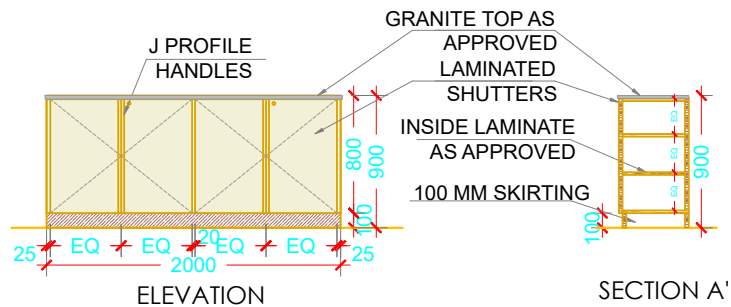
PROJECT :
PROPOSED OFFICE INTERIORS AT
SEEPZ, MUMBAI, MAHARASHTRA

PEB CONSULTANTS :

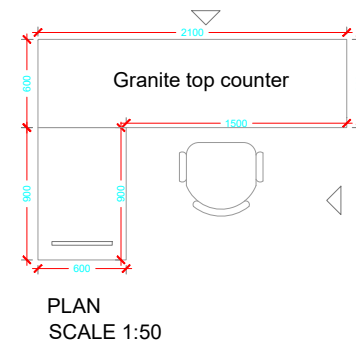
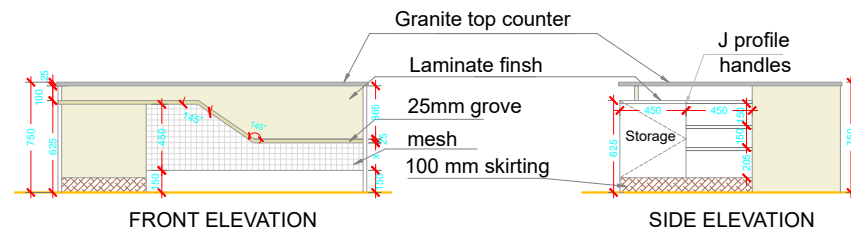
STRUCTURAL CONSULTANTS :

ARCHITECTURAL DESIGN CONSULTANT :
CHORD DESIGN
06 B Zeemath Hsg. Soc. Behind German Bakery
Lane A - Koregaon Park, Pune - 411001
P : 02041213819
E : info@chorddesign.com

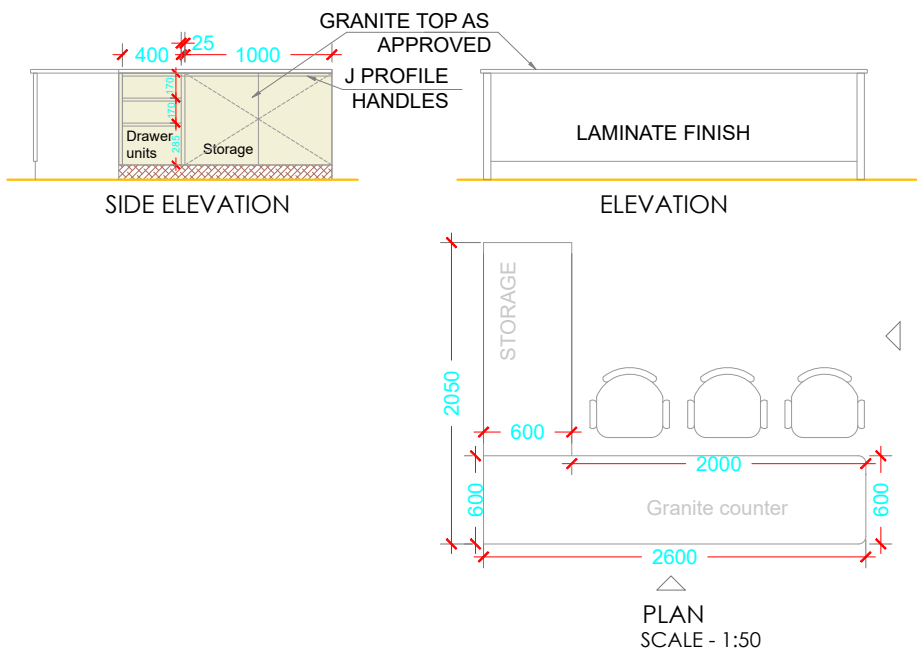
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CAD FILE :			
DEALT :	GARGI	DATE :	04.04.2025
CHECKED :	MIHR	SCALE :	1:20(A4)
DRAWING NO. :	DE-01	REVISION NO. :	R0



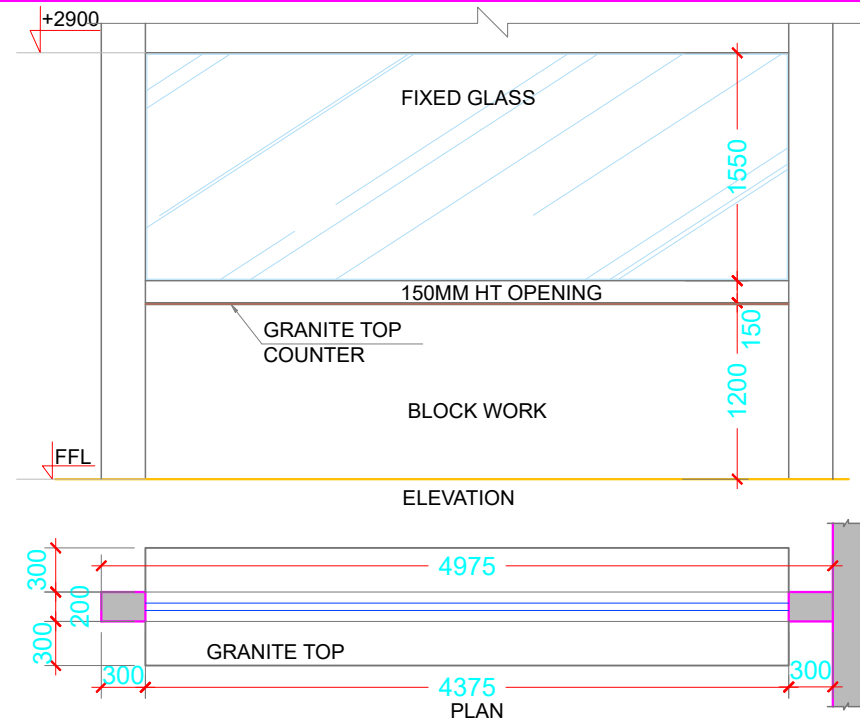
SECURITY AREA STORAGE



SEALING COUNTER (UNIT-01)



SECURITY AREA TABLE



WINDOW COUNTER (UNIT-01)

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23. THIS DRAWING IS TO BE READ AND NOT SCALED.
24. ALL DIMENSIONS SHALL BE VERIFIED ON SITE PRIOR TO START OF WORK BY THE CONTRACTOR/CONSTRUCTION MANAGER & BE RESPONSIBLE FOR THE SAME. ANY DISCREPANCY SHALL BE BROUGHT TO THE NOTICE OF THE ARCHITECT.
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EPC CONTRACTOR:

PROJECT :
PROPOSED OFFICE INTERIORS AT
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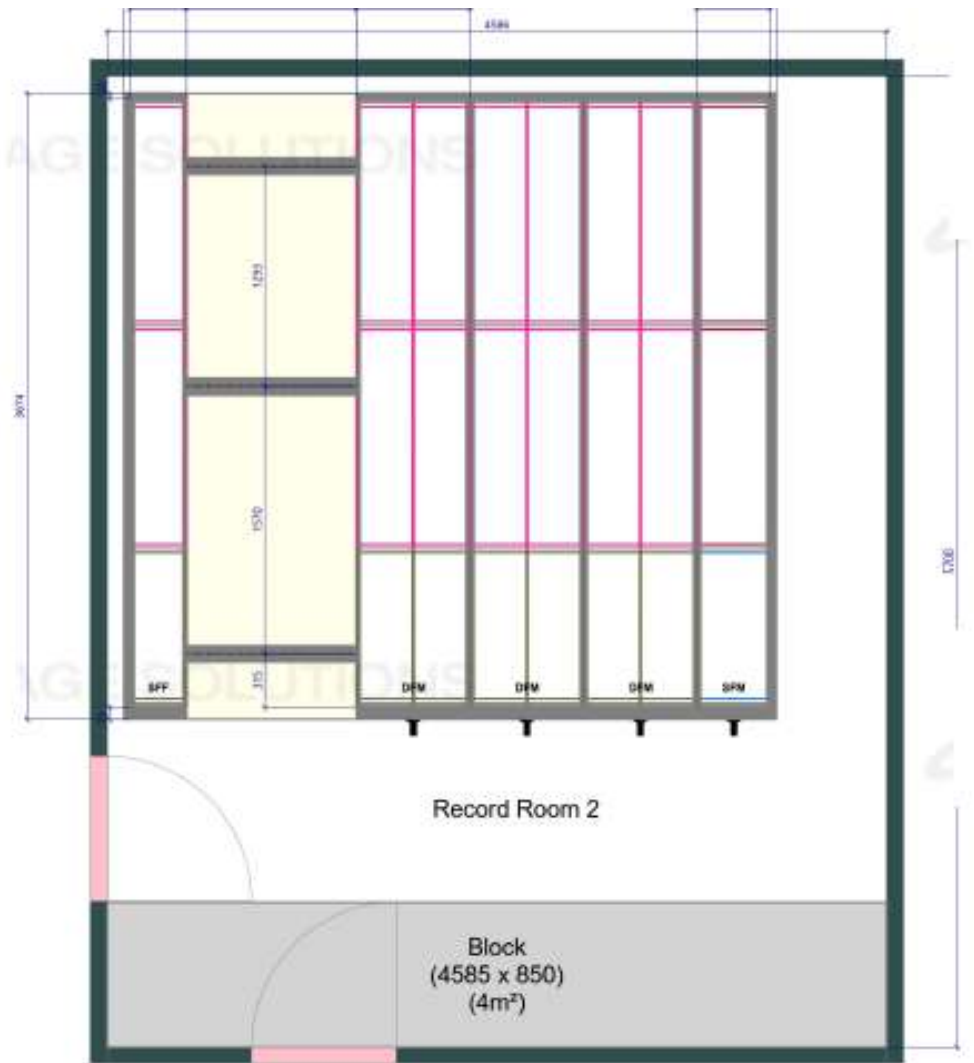
PEB CONSULTANTS :

STRUCTURAL CONSULTANTS :

ARCHITECTURAL DESIGN CONSULTANT :
CHORD DESIGN
06 B Zeevath Hsg. Soc. Behind German Bakery
Lane A - Koregaon Park, Pune - 411001
P : 02041213819
E : info@chorddesign.com

SUBJECT OF DRAWING :
DETAILS 2

CAD FILE :	DATE :	04.04.2025	PROJECT NO :
DEALT : GARGI	SCALE :	1:20(A4)	SDN 24 Ar
CHECKED : MIHIR	REVISION NO. :	DE-02	R0



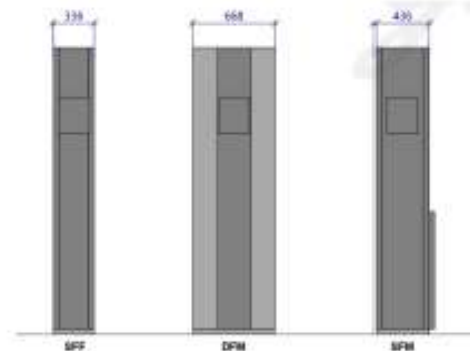
Record Room 2

Block
(4585 x 850)
(4m²)



ELEVATION

Block A



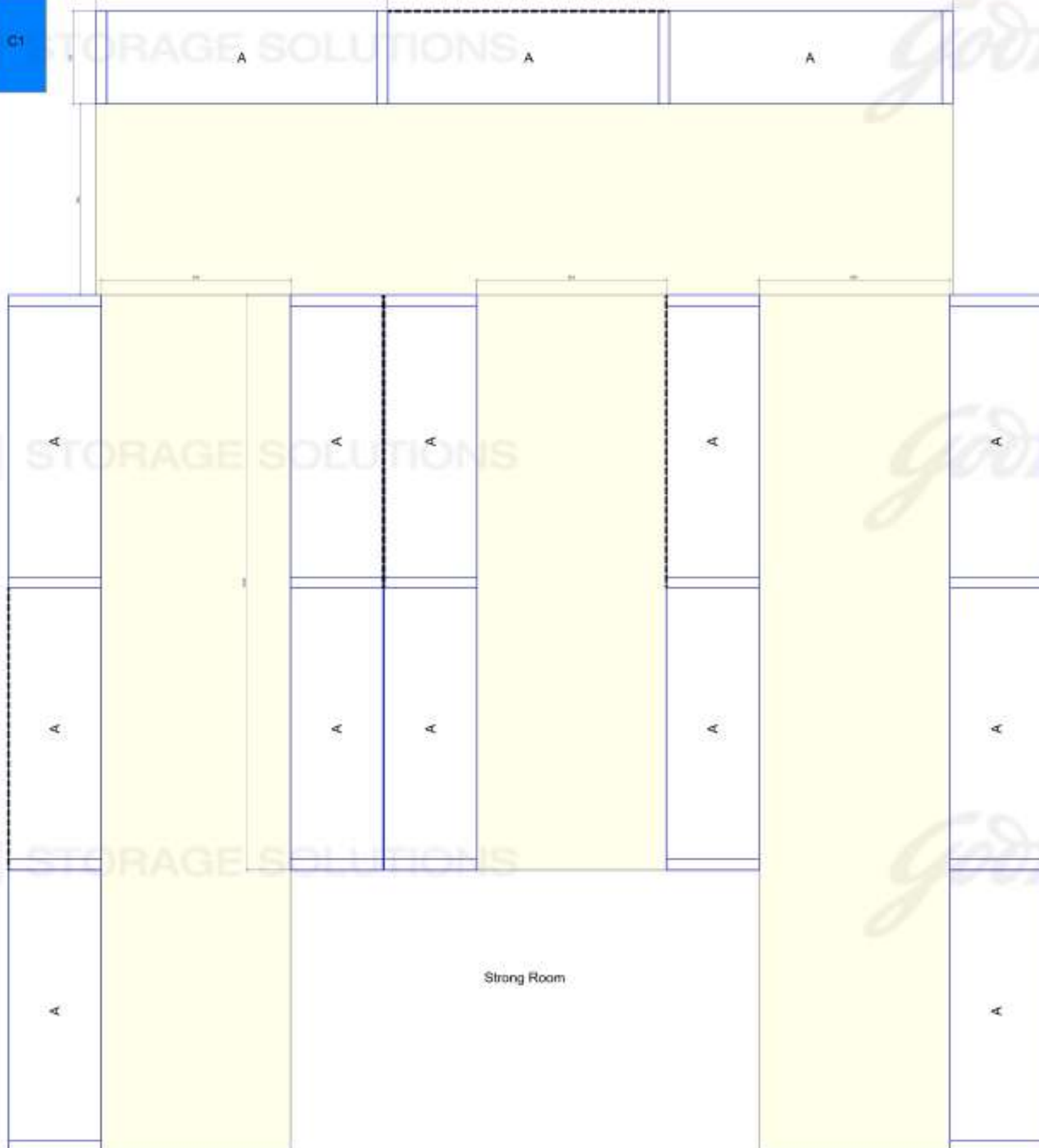
SIDE VIEW

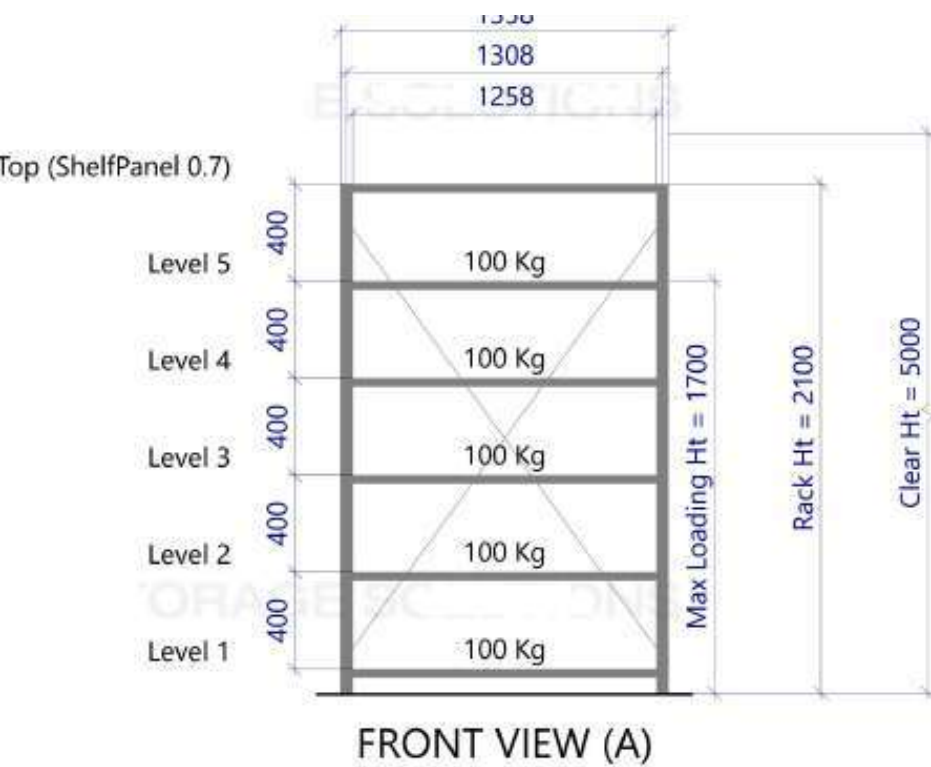
Specifications:-

Description	Compactor Layout for Record Room -1
Complete Bay Size	2366 MM
Each Bay Size	1300 + 900 MM
Height of Compactor	2211 MM
System Height	2374 MM
Loading Levels	05 Levels
Capacity/Shelves	95 Kgs UDL for 1300 Bay and 70 Kgs UDL for 900 Bay
Depth	1268 MM - DFM ; 336 - SFF; 436 - SFM
Quantity of Bays	05 NOS - DFM; 01 NOS - SFF; 01 NOS - SFM
Total Bays	07Nos.
Total Levels	120 Nos.
Shelves Type	Made of 14-Bend Design

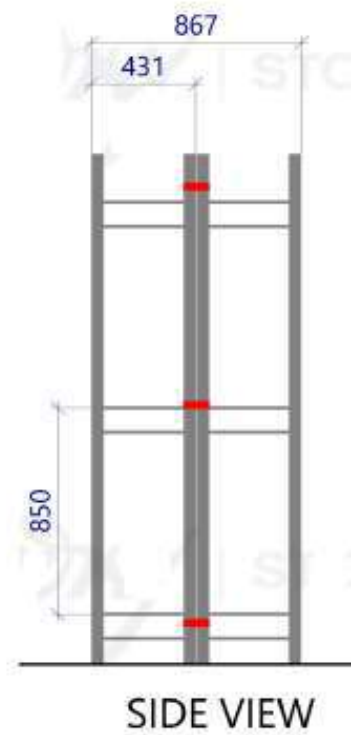
Description	Compactor Layout for Record Room -2
Complete Bay Size	3674 MM
Each Bay Size	1300 + 1300 + 900 MM
Height of Compactor	2211 MM
System Height	2374 MM
Loading Levels	05 Levels
Capacity/Shelves	95 Kgs UDL
Depth	1268 MM - DFM ; 336 - SFF; 436 - SFM
Quantity of Bays	03 NOS - DFM; 01 NOS - SFF; 01 NOS - SFM
Total Bays	05Nos.
Total Levels	120 Nos.
Shelves Type	Made of 14-Bend Design

C1

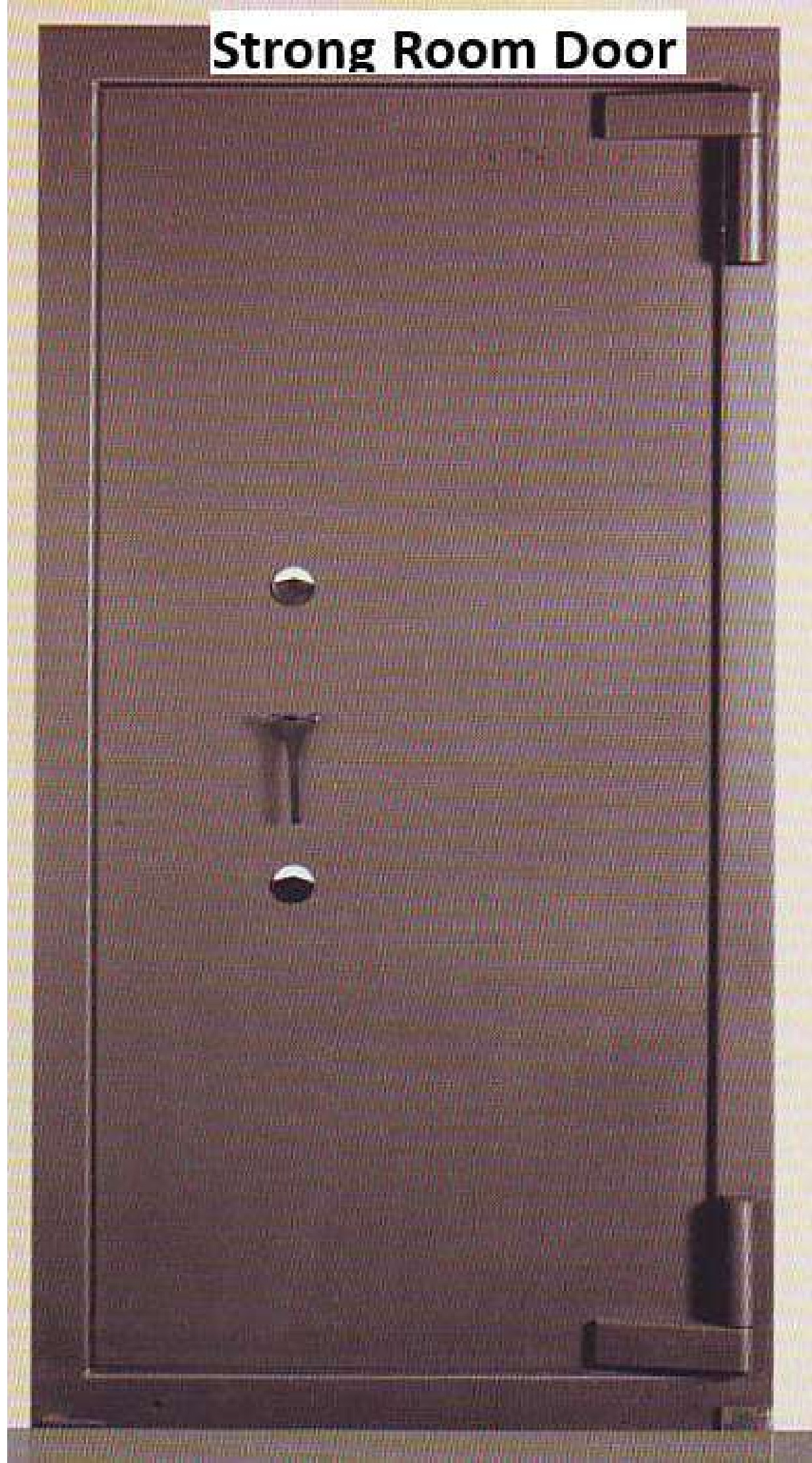


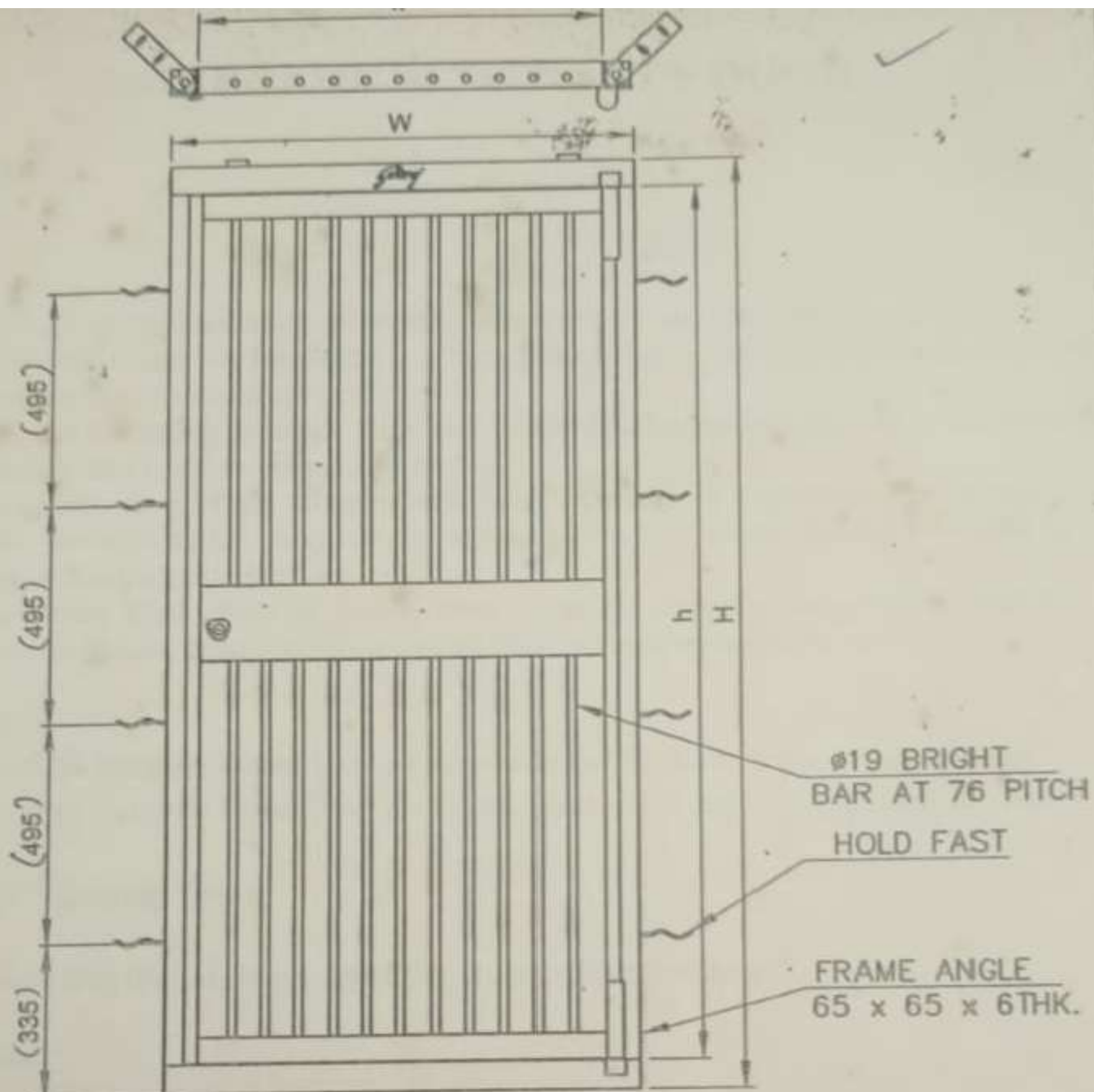


Strong Room Storage



Strong Room Door





MODE OF OPENING

	<p>OPENING OUTSIDE LEFT TO RIGHT</p>	3		<p>OPENING INSIDE RIGHT TO LEFT</p>
	<p>OPENING OUTSIDE RIGHT TO LEFT</p>	4		<p>OPENING INSIDE LEFT TO RIGHT</p>

OVERALL SIZE (FRONT):- H x W = 2110 x 1055 mm

CLEAR OPENING:- h x w = 1980 x 925 mm

ONE No. 8- LEVER DUAL CONTROL KEY LOCK OPERABLE FROM BOTH SIDE

NET WT.(Kgs) - 120

GROSS WT (Kgs) - 200

FINISH- PAINTED (TA GRAY)

Strong Room Door Specifications

Suitable for wall thickness (mm)	230 - 305
Overall size (front frame) H x W (mm)	2065 x 1020
Overall size (rear frame) h x w (mm)	1985 x 940
Clear Opening (mm)	1880 x 775
Thickness of door with lock case (mm)	128
Thickness of door slab (mm)	10
Thickness of lock & vital part (mm)	62
Net weight with grill gate	530 kg



LIGHTING LEGEND		
W01	HYBEC- GAURE LESS DARK REFLECTOR SERIES LED MODULE LIGHT (MODEL NO. PRO-104), 15W COB, WHITE COLOR BODY, 38DEG AND 55DEG BEAM ANGLE. DIMENSION: DIA=55MM, H=72MM, 4000K/5000K.	
H01	HYBEC DC 4V LINER SPOT LIGHT -10W, BLACK COLOR BODY, 100LM / W FIXTURE OUTPUT, 36 DEG BEAM ANGLE, 4000K/5000K. L=205MM, B=24.5, H=45MM	
W04	WIPRO (VERTICA) SUSPENDED CYLINDER 20W LED LIGHT FIXTURE WITH 36 DEG BEAM ANGLE. SIZE - DIA 80MM, HT = 165 MM, 4000K/5000K. LD30-201-368-40-PS	
W02	WIPRO (Stylus with Standard Diffuser) LM43-651-XXX-57-WX, DOWN 40W L=2400 LED, BLACK COLOR BODY, CONTINUOUS LINEAR SUSPENDED LIGHT FIXTURE, THE LIGHT DISTRIBUTION SHALL BE UNIFORM WITH NO HOT SPOTS. 4000K/5000K.	
W03	WIPRO (Stylus with Standard Diffuser) LM43-321-XXX-57-WX, DOWN 30W L=1200 LED, BLACK COLOR BODY, CONTINUOUS LINEAR SUSPENDED LIGHT FIXTURE, THE LIGHT DISTRIBUTION SHALL BE UNIFORM WITH NO HOT SPOTS. 4000K/5000K.	
W06	MAIN CABIN SPOT LIGHT IN RAFTER WOODEN CEILING 4000K.	
	20W LED LIGHT	

ELECTRICAL LEGEND :	
	6 AMP UPS SWITCH
	6 AMP RAW POWER SWITCH
	6 AMP UPS SOCKET
	6 AMP RAW POWER SOCKET
	6 AMP UPS SWITCH SOCKET
	6 AMP RAW SWITCH SOCKET
	16 AMP RAW SWITCH SOCKET
	16 AMP UPS SWITCH SOCKET
	TELEPHONE POINT
	DATA POINT
	HDMI PORT
	VGA PORT
	POPUP BOX (CONFERENCE TABLE)
	NORMAL LIGHT LOOPING
	EM LIGHT LOOPING
	200 MM PVC EXHAUST FAN
	NORMAL DB
	UPS DB

LEGEND FOR RACE WAY	
SYMBOL	DESCRIPTION
	400x400x50mm JUNCTION BOX IN FLOOR.
	300x300x50mm JUNCTION BOX IN FLOOR.
	200x200x50mm JUNCTION BOX IN FLOOR.
	150x150x50mm JUNCTION BOX IN FLOOR.
	25 mm CONDUIT FOR RAW & UPS
	25 MM CONDUIT FOR DATA & TEL

NOTE :-

RAW / UPS POWER 3 CIRCUIT
=1X25 MM PVC CONDUIT

DATA / VOICE CABLE 3 NOS
=1X25 MM PVC CONDUIT

REVISION INDEX		
REV.NO	DATE	DESCRIPTION
MEP CONSULTANT		
Sail MEP Consultants.		
Head Office :204 SAI CHAY CHS, NEAR JUNI DOMBIVLI AUTOSTAND(WEST)		
E-mail : sailmep06@gmail.com		
ARCHITECTURAL DESIGN CONSULTANT :		
CHORD DESIGN		
08 B Zeevathi Hsg. Soc. Behind German Bakery Lane A - Korgaon Park, Pune - 411001		
P: 02041213819		
E: info@chorddesign.com		
STAMP & SIGN		
PROJECT TITLE	PROJ.NO	
SEEPZ COMMERCIAL	01	
DRAWING TITLE		
ELECTRICAL RACEWAY LAYOUT		
DRAWING NO.	REV.NO	
SMC-SEEPZ-EL-04	R-00	
DRAWN	CHECKED	SCALE
VIVEK	GIRISH	1:100
		DATE
		02.04.2025

[illegible]



LIGHTING LEGEND		
W01	HYBEC- GALRE LESS DARK REFLECTOR SERIES, LED MODULE LIGHT (MODEL NO. PRO-104), 15W COB, WHITE COLOR BODY, 38DEG AND 55DEG BEAM ANGLE, DIMENSION: DIA=55MM, H=72MM, 4000K/5000K.	
H01	HYBEC DC 48V LINER SPOT LIGHT -10W, BLACK COLOR BODY, 100LM / W FIXTURE OUTPUT, 36 DEG BEAM ANGLE, 4000K/5000K, L=205MM, B=24.5, H=45MM.	
W04	WIPRO (VERTICAL) SUSPENDED CYLINDER 20W LED LIGHT FIXTURE WITH 36 DEG BEAM ANGLE, SIZE - DIA 80MM, HT = 165 MM, 4000K/5000K, LD30-201-36B-40-PS.	
W02	WIPRO (Stylus with Standard Diffuser) LM43-651-XXX-57-WYX, DOWN 40W L=2400 LED, BLACK COLOR BODY, CONTINUOUS LINEAR SUSPENDED LIGHT FIXTURE, THE LIGHT DISTRIBUTION SHALL BE UNIFORM WITH NO HOT SPOTS. 4000K/5000K.	
W03	WIPRO (Stylus with Standard Diffuser) LM43-321-XXX-57-WYX, DOWN 30W L=1200 LED, BLACK COLOR BODY, CONTINUOUS LINEAR SUSPENDED LIGHT FIXTURE, THE LIGHT DISTRIBUTION SHALL BE UNIFORM WITH NO HOT SPOTS. 4000K/5000K.	
W06	MAIN CABIN SPOT LIGHT IN RAFTER WOODEN CEILING 4000K.	
	20W LED LIGHT	

ELECTRICAL LEGEND :	
	6 AMP UPS SWITCH
	6 AMP RAW POWER SWITCH
	6 AMP UPS SOCKET
	6 AMP RAW POWER SOCKET
	6 AMP UPS SWITCH SOCKET
	6 AMP RAW SWITCH SOCKET
	16 AMP RAW SWITCH SOCKET
	16 AMP UPS SWITCH SOCKET
	TELEPHONE POINT
	DATA POINT
	HDMI PORT
	VGA PORT
	POPUP BOX (CONFERENCE TABLE)
	NORMAL LIGHT LOOPING
	EM LIGHT LOOPING
	200 MM PVC EXHAUST FAN
	NORMAL DB
	UPS DB

LEGEND FOR RACE WAY	
SYMBOL	DESCRIPTION
	400x400x50mm JUNCTION BOX IN FLOOR.
	300x300x50mm JUNCTION BOX IN FLOOR.
	200x200x50mm JUNCTION BOX IN FLOOR.
	150x150x50mm JUNCTION BOX IN FLOOR.
	25 mm CONDUIT FOR RAW & UPS
	25 MM CONDUIT FOR DATA & TEL
NOTE: -	
RAW / UPS POWER 3 CIRCUIT =1X25 MM PVC CONDUIT	
DATA / VOICE CABLE 3 NOS =1X25 MM PVC CONDUIT	

REVISION INDEX		
REV.NO.	DATE	DESCRIPTION
MEP CONSULTANT		
Sail MEPF Consultants. Head Office :204 SAI CHAY CHS, NEAR JUNI DOMBIVLI, AUTOSTAND(WEST) E-mail : sailmepf06@gmail.com		
ARCHITECTURAL DESIGN CONSULTANT :		
CHORD DESIGN 05 B Zeevathi Hsg. Soc. Behind German Bakery Lane A - Korgaon Park, Pune - 411001 P : 02041213819 E : info@chorddesigns.com		
STAMP & SIGN		
PROJECT TITLE	PROJ.NO	
SEEPZ COMMERCIAL	01	
DRAWING TITLE		
ELECTRICAL CABLE TRAY LAYOUT		
DRAWING NO.	REVNO	
SMC-SEEPZ-EL-03	R-00	
DRAWN	CHECKED	SCALE
VIVEK	GIRISH	1:100
DATE	02.04.2025	



ED LAYOUT FOR CUSTOMS IMPORT - EXPORT FACILITATION CENTER

LEGEND PLUMBING

	110MMØ SOIL PIPE
	80MMØ WASTE PIPE
	40MMØ WASTE PIPE
MT	MULTY TRAP
FT	FLOOR TRAP

REVISION INDEX

REV.NO.	DATE	DESCRIPTION

MEP CONSULTANT

Sail MEPF Consultants.
Head Office: 204 SAU CHAY CHS, NEAR JUNI DOMBIVLI
AUTOSTAND(WEST)
E-mail : sailmep06@gmail.com

ARCHITECTURAL DESIGN CONSULTANT :

CHORD DESIGN
06 B Zeevath Htg. Sec. Behind German Bakery
Lane A - Koregaon Park, Pune - 411001
P: 02041213819
E: info@chorddesign.com

STAMP & SIGN

PROJECT TITLE	PROJ.NO
SEEPZ COMMERCIAL	01



DRAWING TITLE

PHE LAYOUT

DRAWING NO.			REV.NO
SMC-SEEPZ-PH-01			R-00
DRAWN	CHECKED	SCALE	DATE
VIVEK	GIRISH	1:100	02.04.2025



FIRE FIGHTING LEGEND	
SYMBOL	DESCRIPTION
	SPRINKLER PIPE
	80° SPRINKLER RISER
	BUTTERFLY VALVE
	REDUSER
	PENDENT SPRINKLERS

REVISION INDEX			
REV.NO.	DATE	DESCRIPTION	
MEP CONSULTANT			
<div> Sail MEPF Consultants. Head Office 204 SAI CHAY CHS, NEAR JUNI DOMBIVLI AUTOSTAND(WEST) E-mail : sailmepf06@gmail.com</div>			
ARCHITECTURAL DESIGN CONSULTANT :			
<div> CHORD DESIGN 06 B Zeenath Hsg. Soc. Behind German Bakery Lane A – Koragade Park, Pune - 411001 P : 9204121319 E : info@chorddesign.com</div>			
STAMP & SIGN			
PROJECT TITLE		PROJ.NO	
SEEPZ COMMERCIAL		01	
DRAWING TITLE			
FIREFIGHTING SPRINKLER LAYOUT			
DRAWING NO.			REV.NO
SMC-SEEPZ-FF-001			R-00
DRAWN	CHECKED	SCALE	DATE
VIVEK	GIRISH	1:100	02.04.2025



LEGENDS: -	
	INDOOR FIXED LENS DOME CAMERA
	BULLET CAMERA
	VARI-FOCAL DOME CAMERA OUTDOOR TYPE (WITH INTELLIGENCE FOR AUTOMATIC NUMBER PLATE RECOGNITION)
	VARI-FOCAL DOME CAMERA OUTDOOR TYPE (WITH INTELLIGENCE FOR FACIAL RECOGNITION)
	FACE READING CAMERA INDOOR

REVISION INDEX		
REV.NO.	DATE	DESCRIPTION

MEP CONSULTANT
Sail MEP Consultants.
Head Office: 204 SAI CHAY CHS, NEAR JUNI DOMBIVLI
AUTOSTAND(WEST)
E-mail : sailmep06@gmail.com

ARCHITECTURAL DESIGN CONSULTANT :
CHORD DESIGN
06 B Zeerath Hsg. Soc. Behind German Bakery
Lane A - Korangon Park, Pune - 411001
P: 02041212819
E: info@chorddesign.com

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PROJECT TITLE			PROJ.NO
SEEPZ COMMERCIAL			01
DRAWING TITLE			
CCTV LAYOUT			
DRAWING NO.			REV.NO
SMC-SEEPZ-CCTV-01			R-00
DRAWN	CHECKED	SCALE	DATE
VIVEK	GIRISH	1:100	02.04.2025



CORRIDOR LEDEND	
	SOMKE DETECTOR
	PA SPEAKER
	HEAT DETECTOR
	MULTI DETECTOR
	MANUAL CALL POINT
	FIRE MAN'S TELE JACK
	COMBINE MONITOR MODULE
	HOOTER
	SOMKE DETECTOR LOOP
	PA SPEAKER LOOP
	POWER CABLE LOOP

REVISION INDEX		
REV.NO.	DATE	DESCRIPTION

MEP CONSULTANT
 Sail MEPF Consultants.
Head Office: 204 SAN CHAY CHS, NEAR JUNI DOMBIVALI
AUTOSTAND(WEST)
E-mail : sailmep106@gmail.com

ARCHITECTURAL DESIGN CONSULTANT :
 CHORD DESIGN
06 B Zeevath Hsg. Soc. Behind German Bakery
Lane A - Koregaon Park, Pune - 411001
P: 02041233819
E: info@chorddesign.com

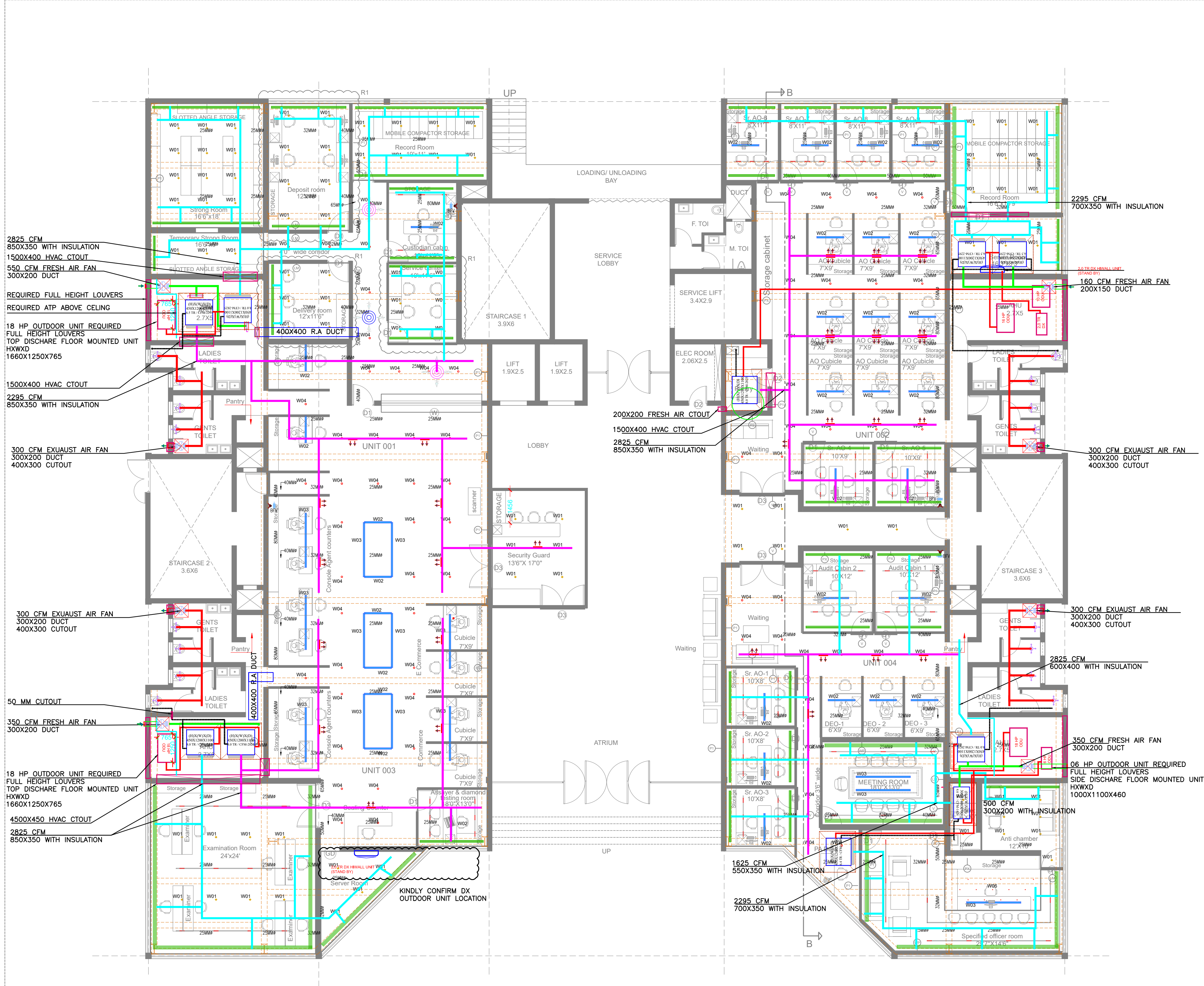
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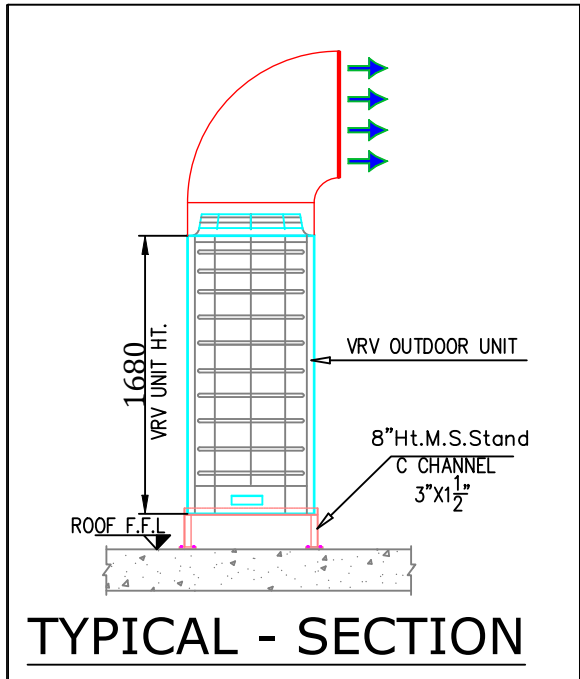
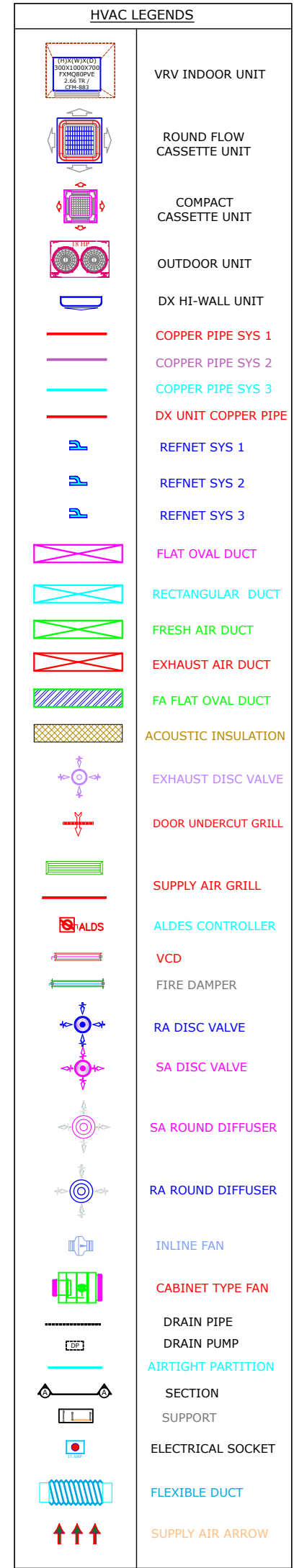
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FAPA LAYOUT

DRAWING NO.	REV.NO
SMC-SEEPZ-FAPA-01	R-00

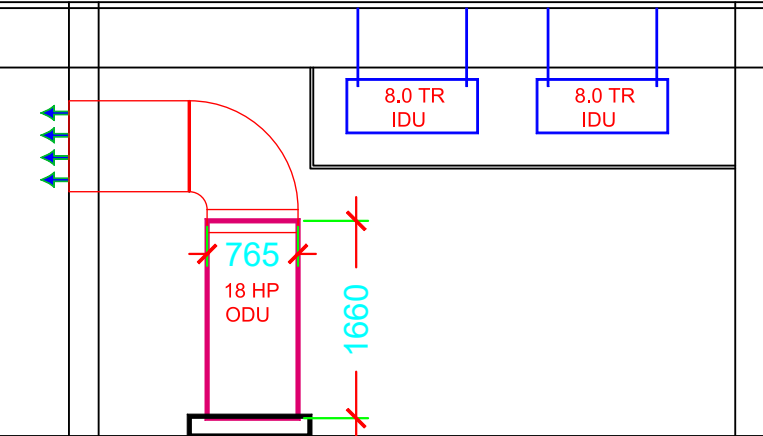
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VIVEK	GIRISH	1:100	02.04.2025



PROPOSED LAYOUT FOR CUSTOMS IMPORT - EXPORT FACILITATION CENTER
AT SEEPZ SEZ, ANDHERI (E) MUMBAI



8.0 TR DUCTABLE UNIT
HXWD
450X1200X1100



REVISION INDEX		
REV.NO.	DATE	DESCRIPTION

MEP CONSULTANT
Sail MEPF Consultants.
Head Office: 204 SA CHAY CHS, NEAR JUNI DOMBIVLI
AUTOSTAND(WEST)
E-mail : sailmepf6@gmail.com

ARCHITECTURAL DESIGN CONSULTANT :
CHORDDESIGN
05 B Zeevathi Hing, Soc. Behind German Bakery
Lane A - Korangodi Park, Pune - 411001
P : 02041213819
E : info@chorddesign.com

STAMP & SIGN

PROJECT TITLE	PROJ.NO
SEEPZ COMMERCIAL	01

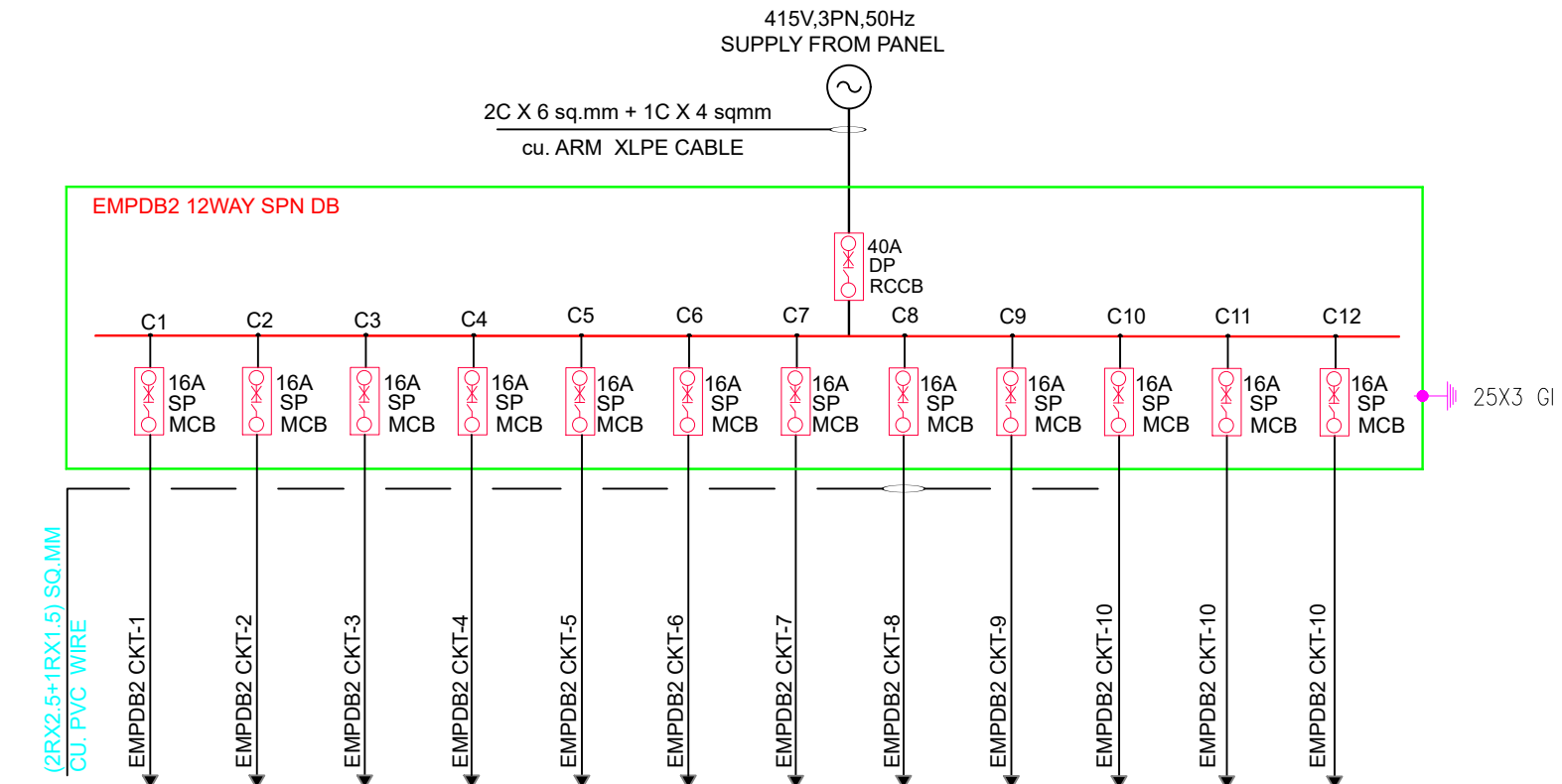
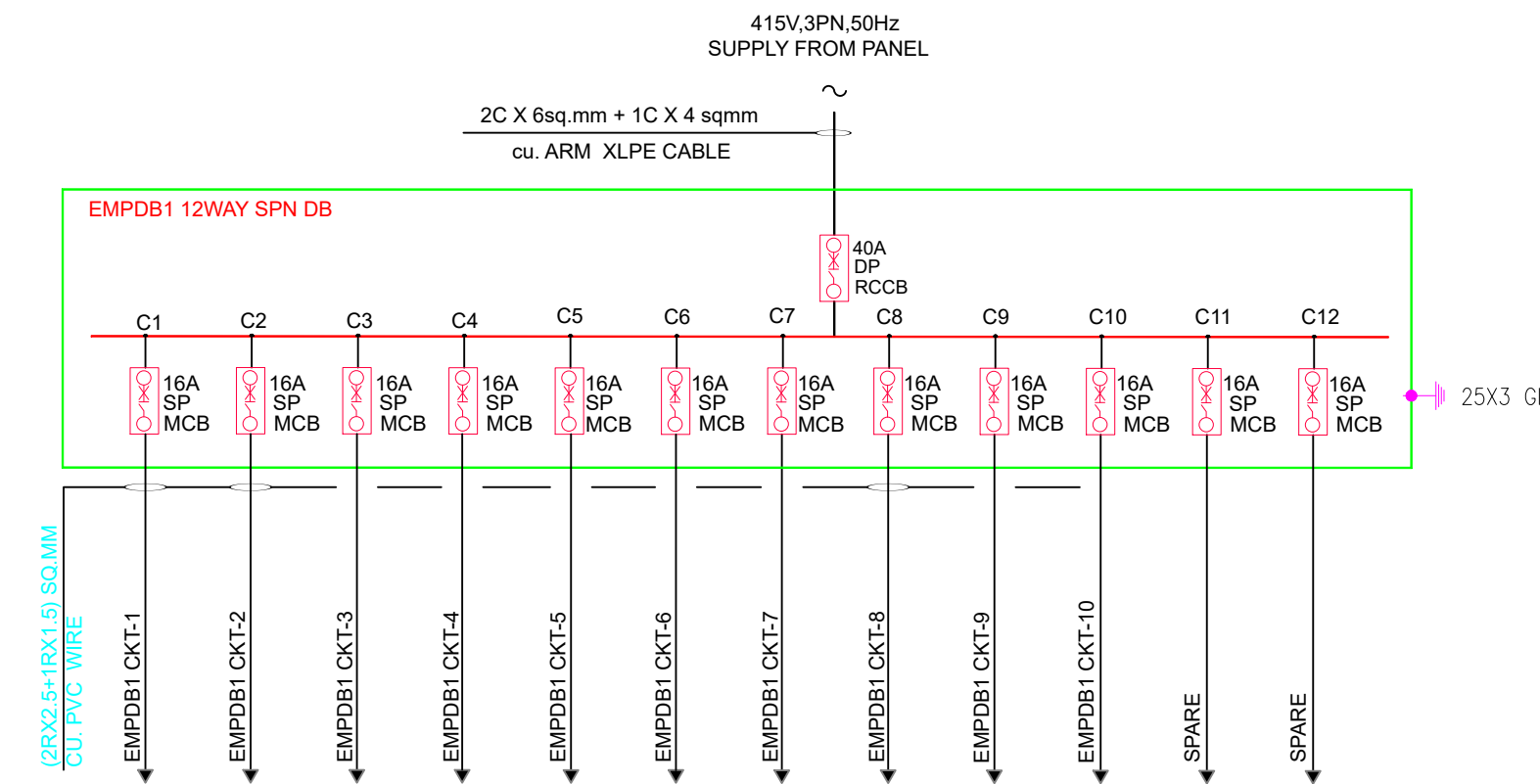
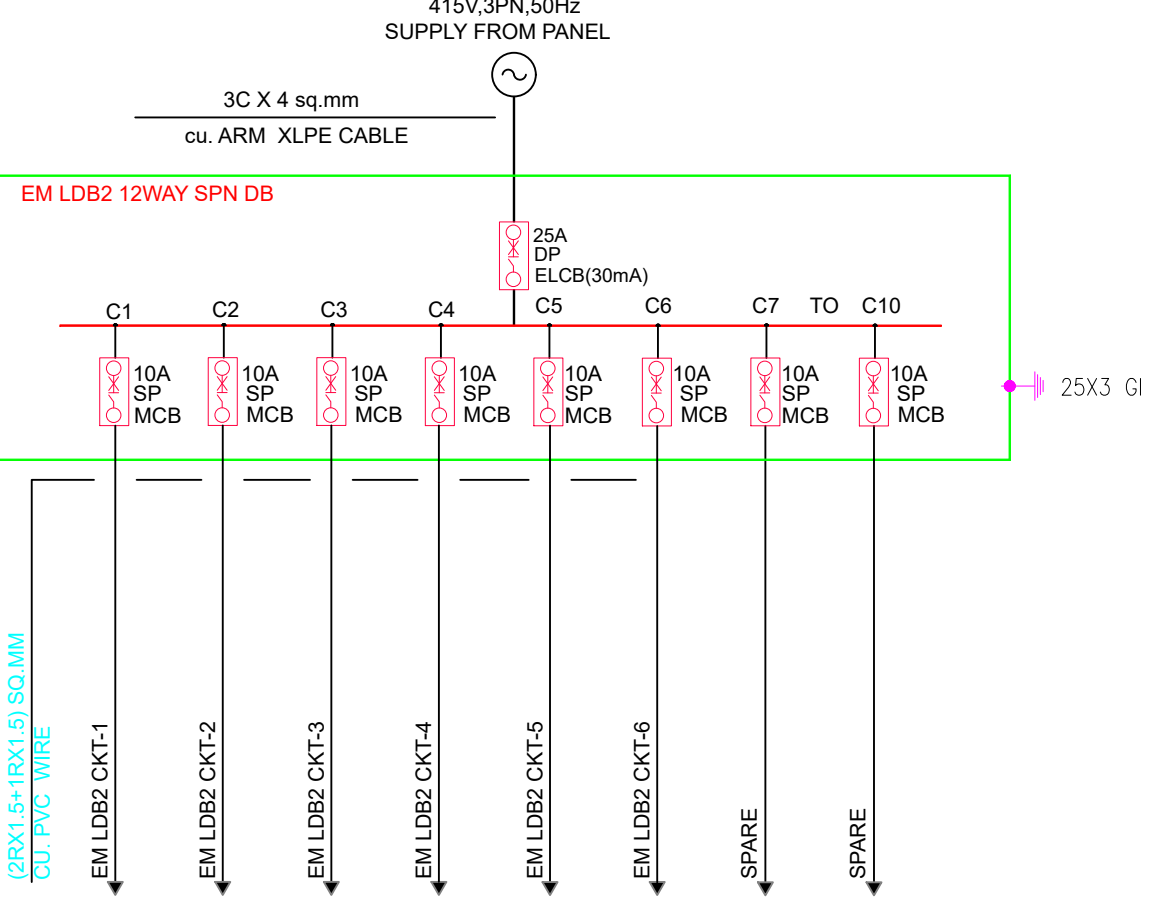
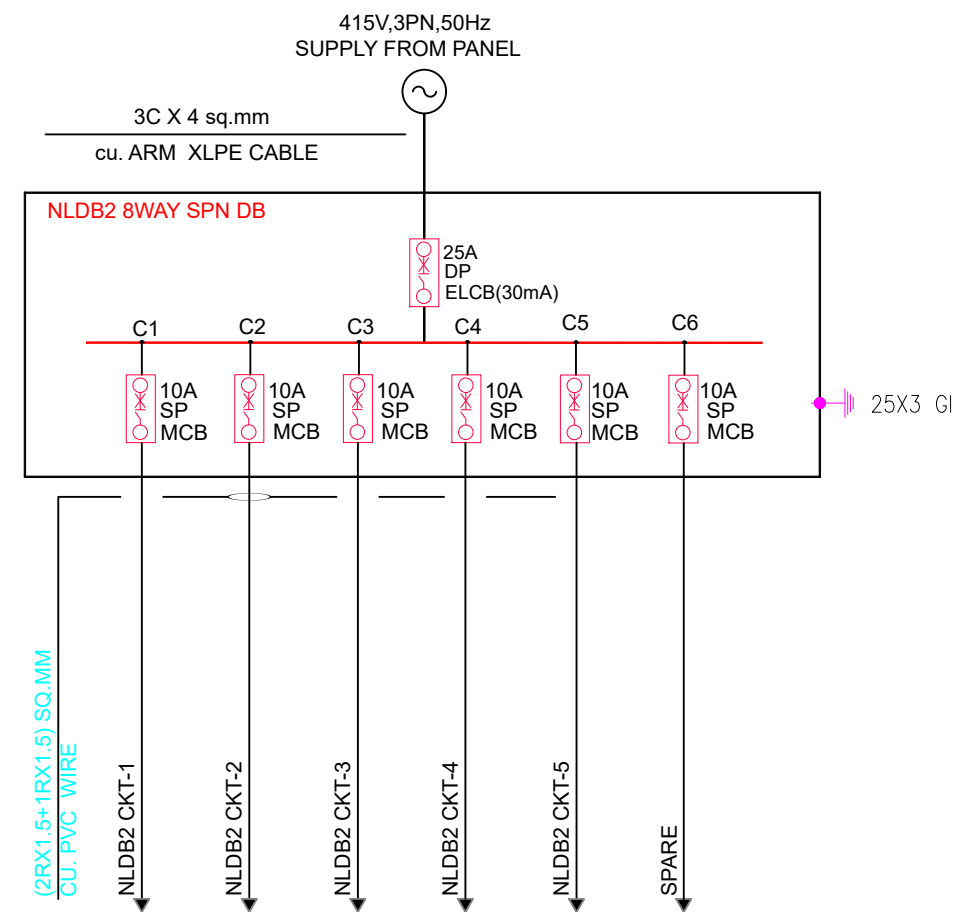
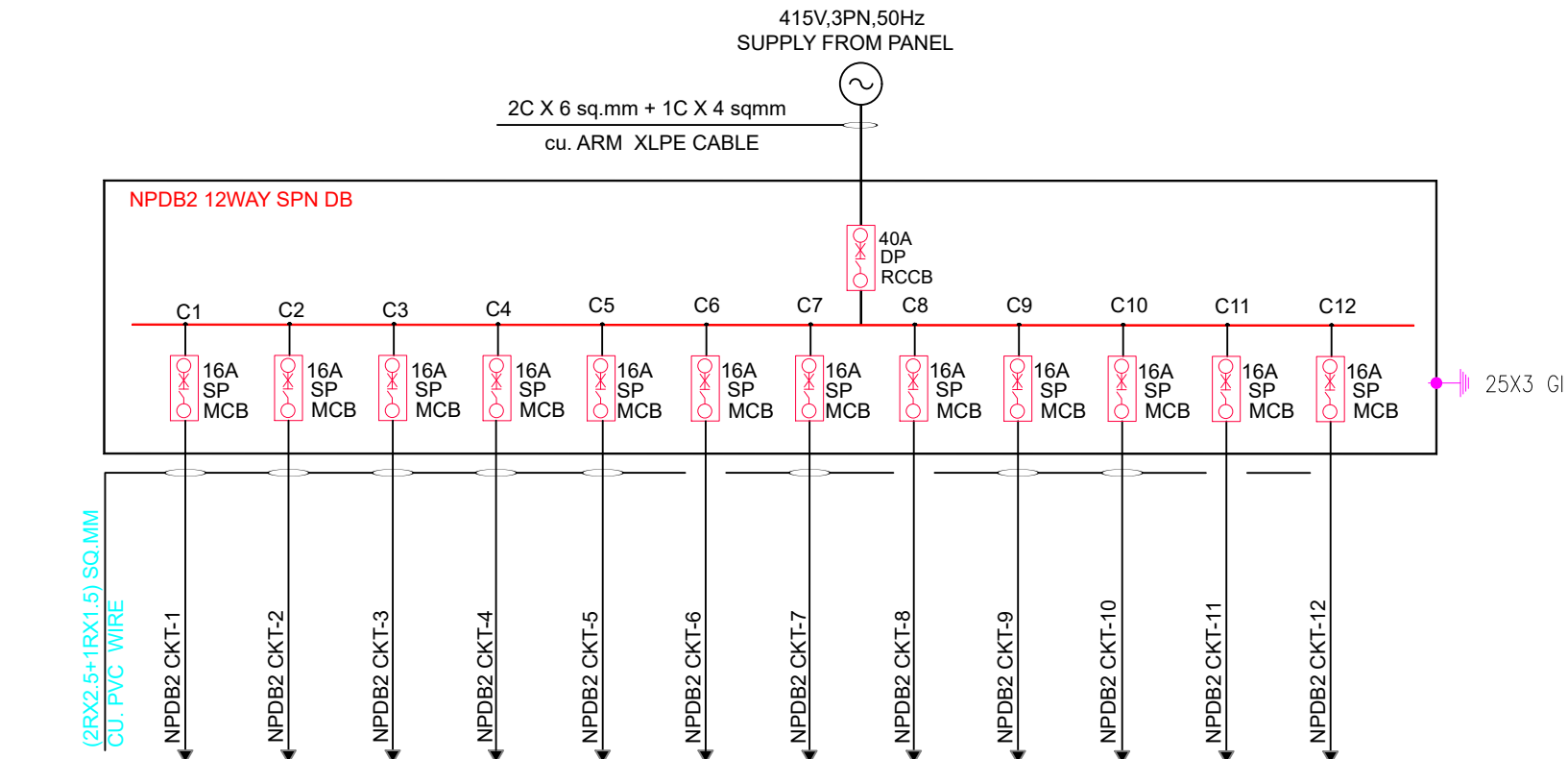
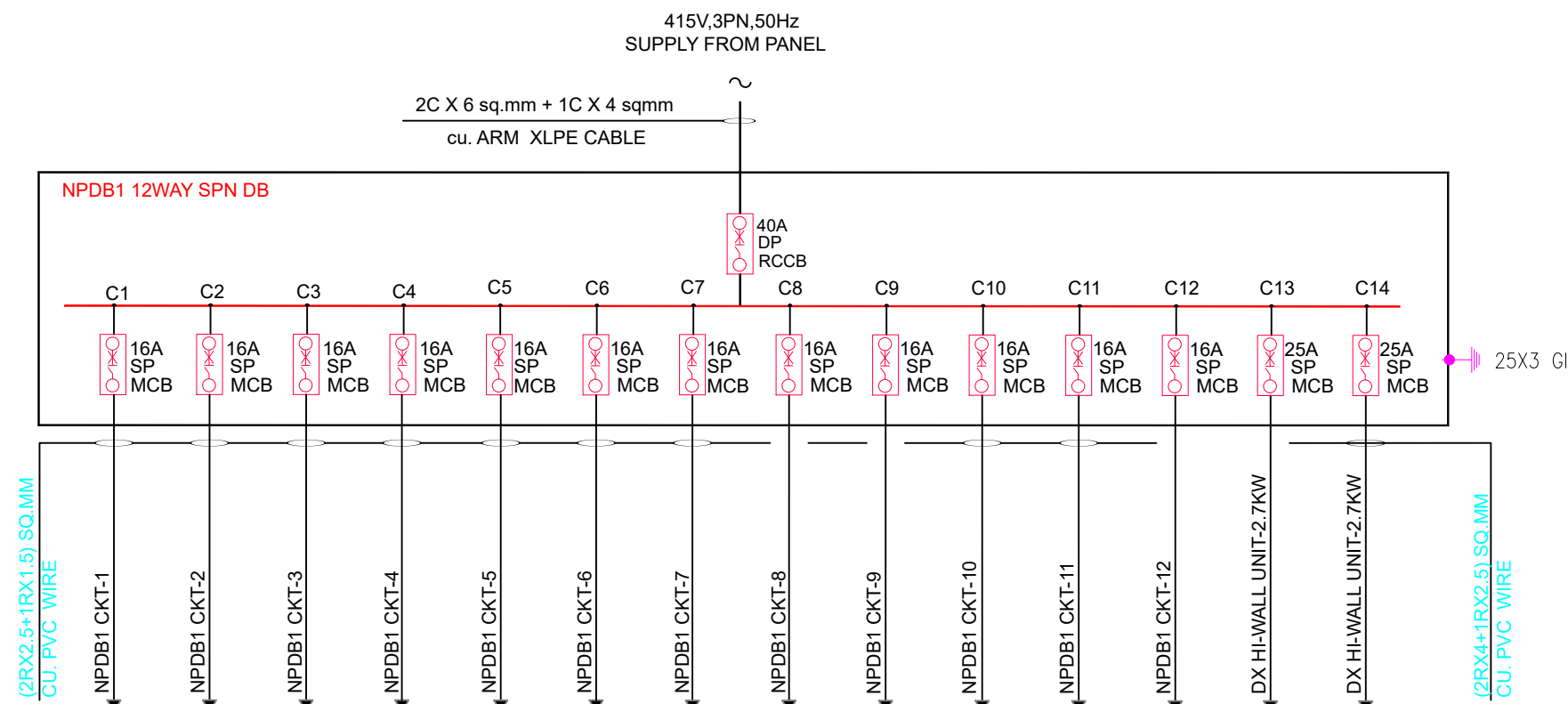
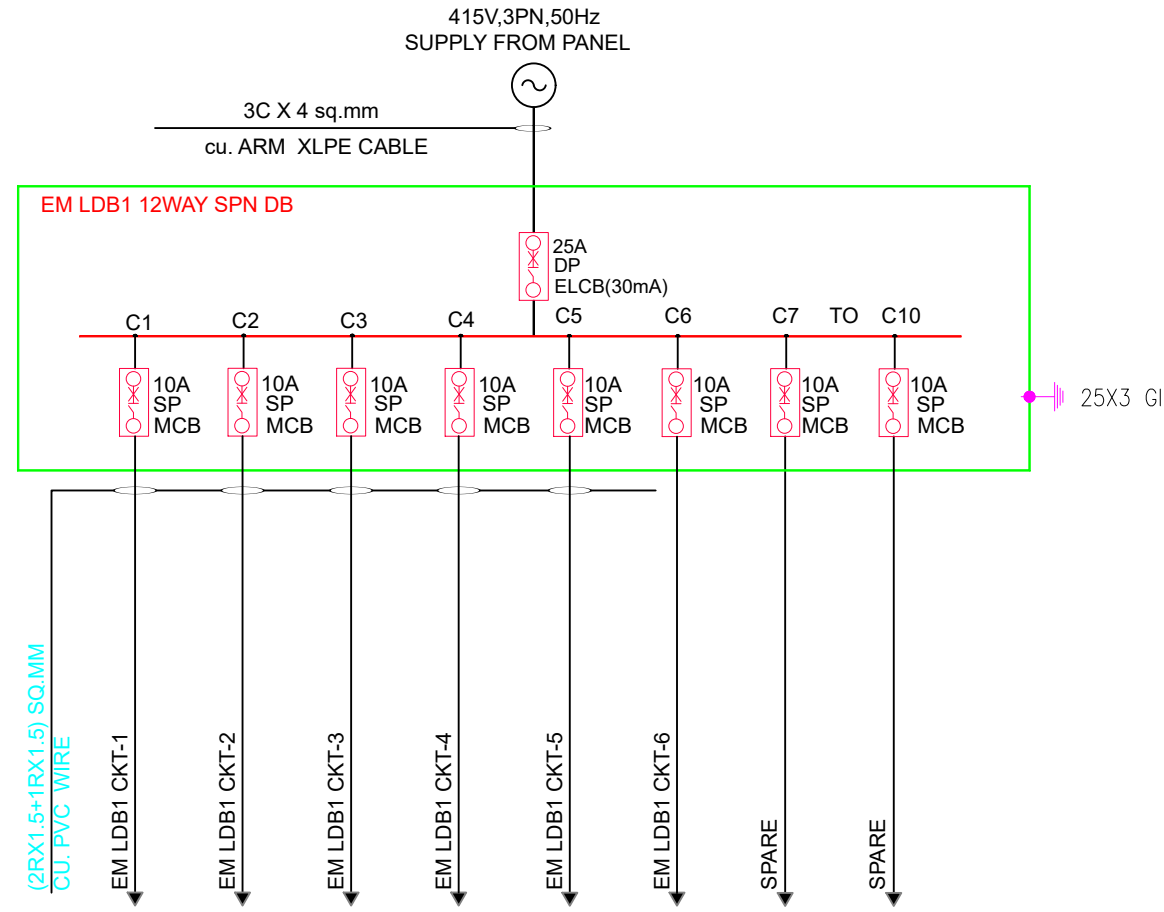
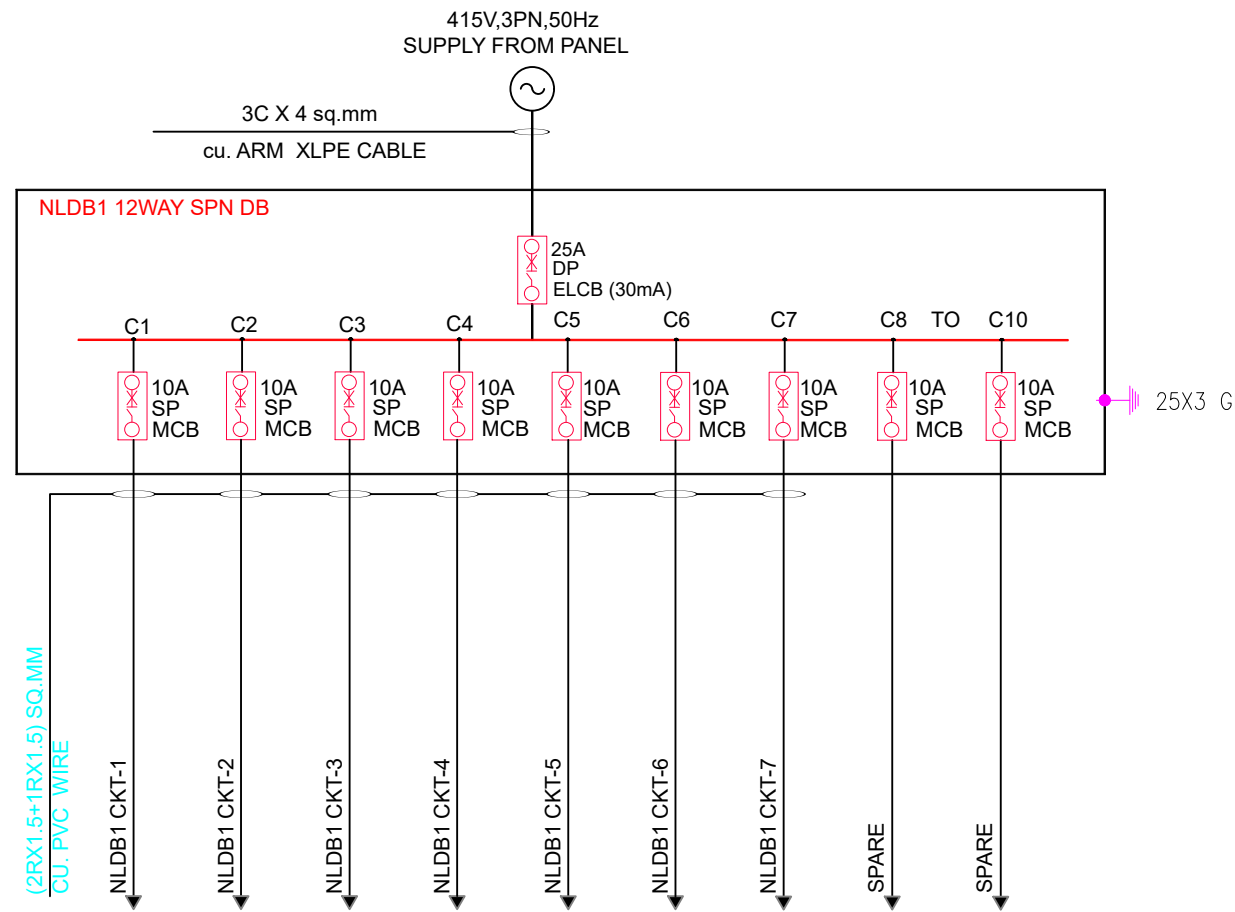
DRAWING TITLE

HVAC LAYOUT

DRAWING NO.	REVNO
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SMC-SEEPZ-HVAC-01

DRAWN	CHECKED	SCALE	DATE
VIVEK	GIRISH	1:100	02.04.2025



REVISION INDEX		
REV.NO.	DATE	DESCRIPTION

MEP CONSULTANT

Sail MEPF Consultants.

Head Office: 204 SAI CHAY CHS, NEAR JUNI DOMBIVALI
AUTOSTAND(WEST)
E-mail : sailmep06@gmail.com

ARCHITECTURAL DESIGN CONSULTANT :

CHORD DESIGN

Off B. Zennath Hsg. Soc. Behind German Bakery
Lane A - Koregaon Park, Pune - 411001
P: 02041213819
E: info@chorddesign.com

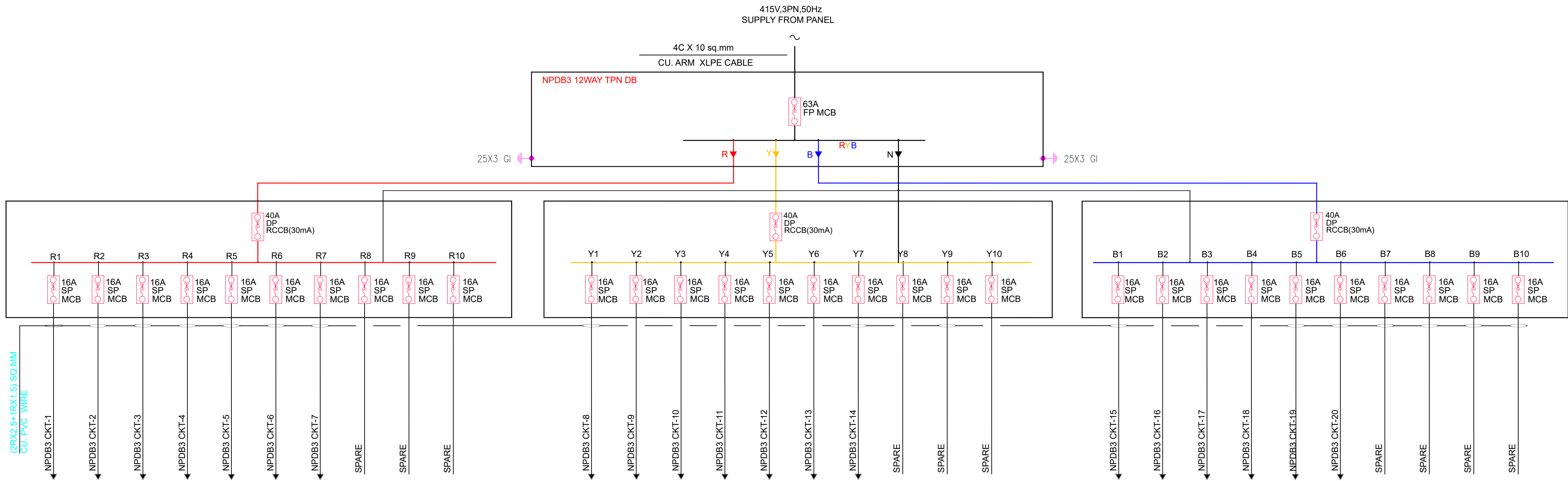
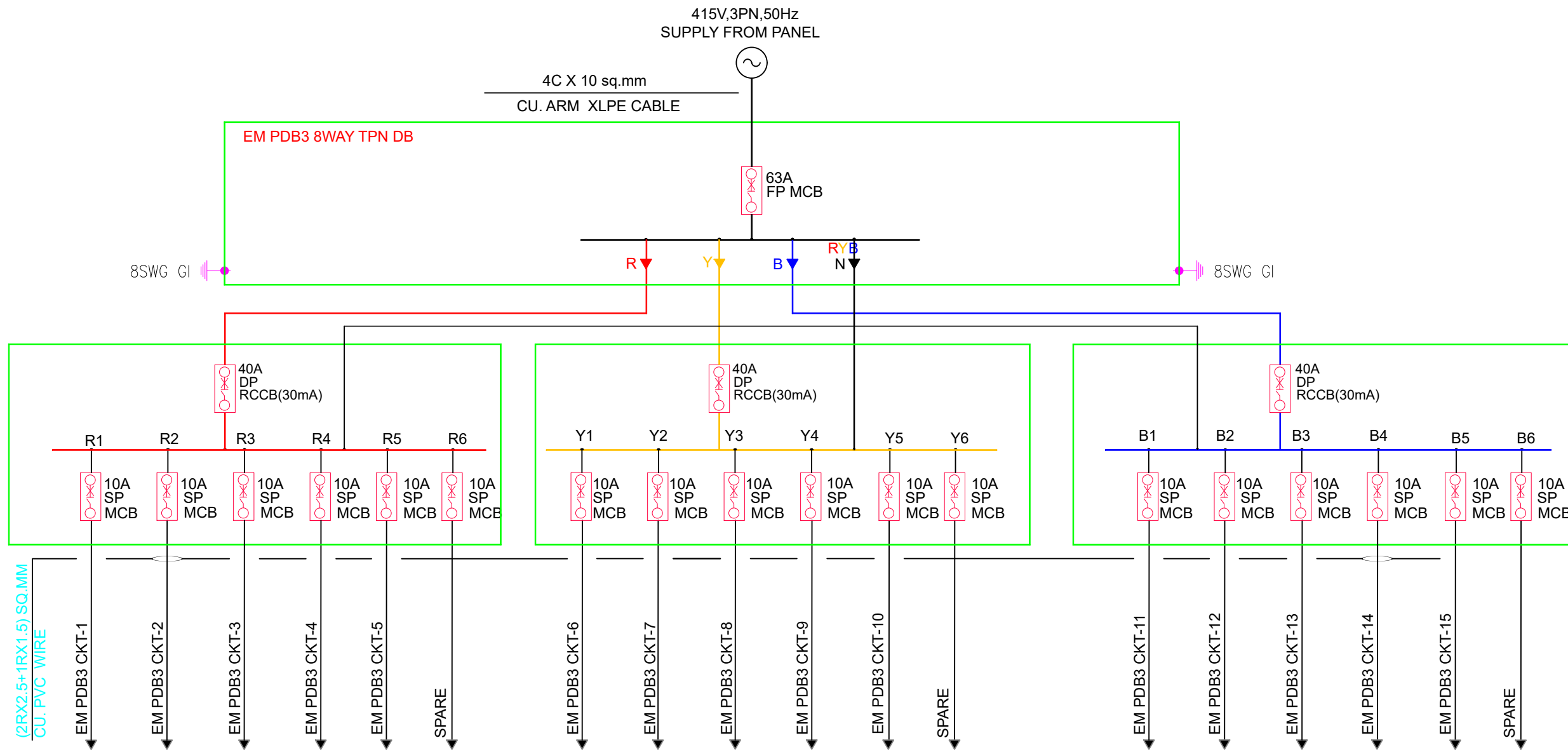
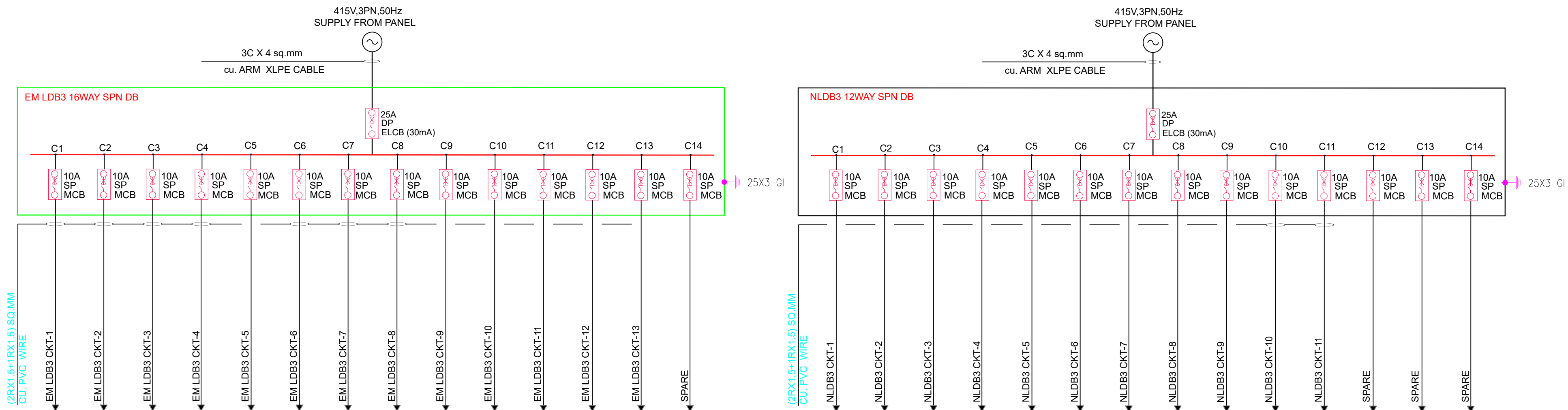
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PROJECT TITLE	PROJ.NO
SEEPZ COMMERCIAL	01

DRAWING TITLE	
DB SLD LAYOUT-UNIT-2.4 (RHS)	

DRAWING NO.	REV.NO
SMC-SEEPZ-DB SLD-02	R-00

DRAWN	CHECKED	SCALE	DATE
VIVEK	GIRISH	1:100	02.04.2025



REVISION INDEX		
REV.NO.	DATE	DESCRIPTION

MEP CONSULTANT
Sail MEPF Consultants.
Head Office: 204 SAI CHAY CHS, NEAR JUNI DOMBIVALI
AUTOSTAND(WEST)
E-mail : sailmep06@gmail.com

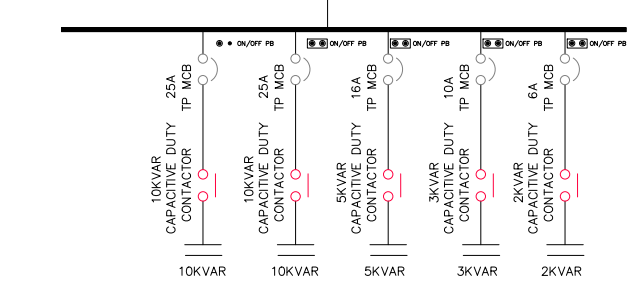
ARCHITECTURAL DESIGN CONSULTANT :
CHORDDESIGN
08 B Zaverkh Hsg. Soc. Behind German Bakery
Lane A- Korggaon Park, Pune - 411001
P : 02041213819
E : info@chorddesign.com

STAMP & SIGN			
PROJECT TITLE			PROJ.NO
SEEPZ COMMERCIAL			01
DRAWING TITLE			
DB SLD LAYOUT-UNIT-1,3 (LHS)			
DRAWING NO.			REV.NO
SMC-SEEPZ-DB SLD-01			R-00
DRAWN	CHECKED	SCALE	DATE
VIVEK	GIRISH	1:100	02.04.2025

COMMON AREA PANEL
C.L.= 54KW
D.L.= 48KW
LOCATION :- GR
FLOOR(UNIT-2)

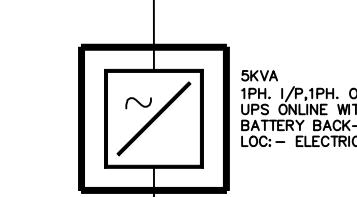
TOTAL INDUCTIVE LOAD = 48W
ORIGINAL POWER FACTOR = 0.80
REVISED POWER FACTOR = 0.99
CORRECTION FACTOR = 0.60
CAP. BANK REQUIRED = 4800.6
CAP. BANK PROVIDED = 30KVAR
7% DETUNE FILTER

CL: 30KVAR
AUTOMATIC POWER FACTOR
CORRECTION RELAY-4 STEP



25A DP MCB 10KA IN MS
ENCLOSURE
LOC. PANEL ROOM
GROUND FLOOR

3C X 4SQ.MM.
FR/FLEXIBLE/CU

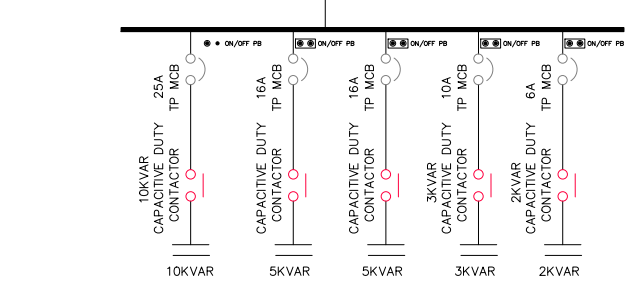


EM LIGHT AND POWER DB

COMMON AREA PANEL
C.L.= 49KW
D.L.= 44KW
LOCATION :- GR
FLOOR(UNIT-4)

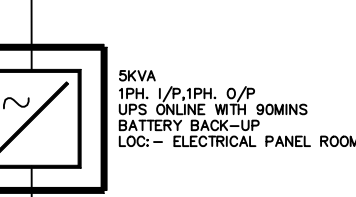
TOTAL INDUCTIVE LOAD = 44W
ORIGINAL POWER FACTOR = 0.80
REVISED POWER FACTOR = 0.99
CORRECTION FACTOR = 0.60
CAP. BANK REQUIRED = 4400.6
CAP. BANK PROVIDED = 25KVAR
7% DETUNE FILTER

CL: 25KVAR
AUTOMATIC POWER FACTOR
CORRECTION RELAY-4 STEP



25A DP MCB 10KA IN MS
ENCLOSURE
LOC. PANEL ROOM
GROUND FLOOR

3C X 4SQ.MM.
FR/FLEXIBLE/CU

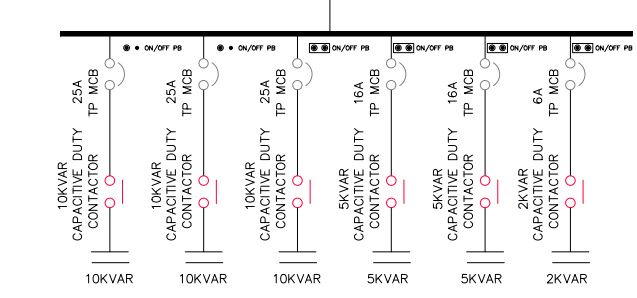


EM LIGHT AND POWER DB

COMMON AREA PANEL
C.L.= 78KW
D.L.= 70KW
LOCATION :- GR
FLOOR(UNIT-1,3)

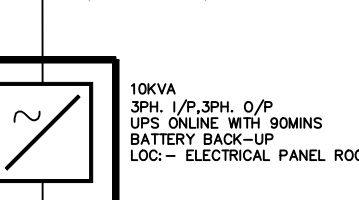
TOTAL INDUCTIVE LOAD = 70W
ORIGINAL POWER FACTOR = 0.80
REVISED POWER FACTOR = 0.99
CORRECTION FACTOR = 0.60
CAP. BANK REQUIRED = 7000.6
CAP. BANK PROVIDED = 42KVAR
7% DETUNE FILTER

CL: 42KVAR
AUTOMATIC POWER FACTOR
CORRECTION RELAY-4 STEP



32A TPN MCB 10KA IN MS
ENCLOSURE
LOC. PANEL ROOM
GROUND FLOOR

4C X 6SQ.MM.
FR/FLEXIBLE/CU



EM LIGHT AND POWER DB

REVISION INDEX		
REV.NO	DATE	DESCRIPTION

MEP CONSULTANT
Sail MEPF Consultants.
Head Office: 204 SAU CHAY CHS, NEAR JUNI DOMBIVLI
AUTOSTAND(WEST)
E-mail: sailmep06@gmail.com

ARCHITECTURAL DESIGN CONSULTANT :-
CHORDDESIGN
06 B Zenorath Hsg. Soc. Behind German Bakery
Lane A - Konegaon Park, Pune - 411001
P: 02041213819
E: info@chorddesign.com

STAMP & SIGN

PROJECT TITLE	PROJ.NO
SEEPZ COMMERCIAL	01

DRAWING TITLE
PANEL SLD

DRAWING NO.	REV.NO
SMC-SEEPZ-PANEL SLD-01	R-00

DRAWN	CHECKED	SCALE	DATE
VIVEK	GIRISH	1:100	02.04.2025

CONSOLE AGENT COUNTERS



**PROPOSED LAYOUT AT SDF-08
AT SEEPZ SEZ, ANDHERI E, MUMBAI**

A.O. CUBICLES



**PROPOSED LAYOUT AT SDF-08
AT SEEPZ SEZ, ANDHERI E, MUMBAI**

A.O. CUBICLES



**PROPOSED LAYOUT AT SDF-08
AT SEEPZ SEZ, ANDHERI E, MUMBAI**

EXAMINATION ROOM



**PROPOSED LAYOUT AT SDF-08
AT SEEPZ SEZ, ANDHERI E, MUMBAI**

TYPICAL CABIN



**PROPOSED LAYOUT AT SDF-08
AT SEEPZ SEZ, ANDHERI E, MUMBAI**

AUDIT CABIN



**PROPOSED LAYOUT AT SDF-08
AT SEEPZ SEZ, ANDHERI E, MUMBAI**

MEETING ROOM



PROPOSED LAYOUT AT SDF-08
AT SEEPZ SEZ, ANDHERI E, MUMBAI

SEALING COUNTER



**PROPOSED LAYOUT AT SDF-08
AT SEEPZ SEZ, ANDHERI E, MUMBAI**



**PROPOSED LAYOUT AT SDF-08
AT SEEPZ SEZ, ANDHERI E, MUMBAI**



DEPOSIT ROOM



**PROPOSED LAYOUT AT SDF-08
AT SEEPZ SEZ, ANDHERI E, MUMBAI**