

# COEP TECHNOLOGICAL UNIVERSITY

(COEP TECH) SHIVAJINAGAR, PUNE- 411005

(MAHARASHTRA) INDIA

(A Unitary Public University of Government of Maharashtra)

w.e.f.June2022

Off.:+91-20-25507254

E-mail: [bwc.office@coeptech.ac.in](mailto:bwc.office@coeptech.ac.in)

Website: [www.coeptech.ac.in](http://www.coeptech.ac.in)



**Tender**

For

**Upgradation Old Library to be converted into Training and placement office and  
Exam Cell, COEP Tech, Pune**

**Ref No: COEP Tech/BWC/TENDERS/ExamcellTPO/CONST/2026-27/01 Dated: 23/04/2026**

**Invitee**

**REGISTRAR  
COEP TECHNOLOGICAL UNIVERSITY (COEP TECH)  
PUNE – 411005**

**(Tender Fee : Rs. 2000+ GST)**

## Tender Notice

**Ref No: COEP Tech/BWC/TENDERS/ExamcellTPO/CONST/2026-27/01 Dated: 23/04/2026**

Bids for the following works are invited from eligible contractor registered with govt., semi govt., public sector also who have not formally registered with any organization but having proven excellent experience in the relevant field and with required eligibility stated in bid document.

Tender No.	Name of Work	EMD Rs.	Cost of Bid Document Rs. [Non Refundable]	Sale Period of Bid Document	Bid submission due date/time
01	Upgradation Old library to be converted into Training and placement office and Exam Cell, COEP Tech, Pune	2,00,000/-	Rs. 2000+GST (Rupees One Thousand+ GST only) (non-refundable) – online submission on <a href="http://www.mahaetenders.gov.in">www.mahaetenders.gov.in</a>	From 23/04/2026 to 04/05/2026 (online)	Up to 17.00 Hrs. on 04/05/2026

### Important Dates

Sr. No.	Details	Start Date	Hrs.	End Date	Hrs.
1	Publication of Tender	23/04/2026	11.00	04/05/2026	17:00
2	Document Download start	23/04/2026	11.00	04/05/2026	17:00
3	Pre bid Meeting	28/04/2026	11:30	-	-
4	Bid Submission start	24/04/2026	10.00	04/05/2026	17:00
5	Opening of Bids	05/05/2026	17:00	-	-

The details of this invitation for bids and the relevant Bidding Document are available on Web site <https://mahatenders.gov.in> and bidders can download the document. Bidders who are using SB MOPS other banks Internet Banking are requested to make online payment at least four days in advance. Help File regarding use of e-Payment Gateway can be downloaded from e-Tendering portal.

Contact Person:

Client/ Owner (COEP Tech) representative: Dr. Balkrishna Dawari, Secretary, Building Works Committee, Department of Civil Engineering, COEP Technological University, Pune – 411005  
Phone - (O) 020-25507254 and Email – [bwc.office@coeptech.ac.in](mailto:bwc.office@coeptech.ac.in)

Sd/-  
Registrar,  
COEP Technological University, Pune.



# COEP TECHNOLOGICAL UNIVERSITY

**Shivajinagar, Pune-411005**

(A Unitary Public University of Govt. of Maharashtra)  
Building Works Committee

E-mail: [bwc.office@coeptech.ac.in](mailto:bwc.office@coeptech.ac.in) website : [www.coeptech.ac.in](http://www.coeptech.ac.in)

**Ref No: COEP Tech/BWC/TENDERS/ExamcellTPO/CONST/2026-27/01 Dated: 23/04/2026**

## INVITATION OF TENDER

**Name of Work- Upgradation Old library to be converted into Training and placement office and Exam Cell, COEP Tech, Pune**

Dear Sir,

1. You are invited to submit your most competitive tender for execution of above said work. The details are as below.

2.

Period for Sale of Tender Forms	23/04/2026 to 04/05/2026	
Timing	Working hours	
Place for Sale	<a href="https://mahatenders.gov.in">https://mahatenders.gov.in</a>	
Dead line for receipt of Tender	04/05/2026 (Online)	17:00
Date and Time of Tender Opening	05/05/2026 (Technical Cover)	17:00
Place of Opening	Office, COEP Tech, Pune	
Competent Authority Inviting Tender	Registrar, COEP Tech, Pune	

3. Tenders will be opened in the presence of Bidders or their representatives who choose to attend at **17:00, 05<sup>nd</sup> May, 2026** in the office of COEP Tech.
4. Further details of this invitation tender and the relevant Documents are available at Office of the Secretary, BWC, COEP Tech, Pune.
5. Pre-Bid Meeting will be held at the COEP, Pune on 28/04/2026 at 11:30 a.m. at Civil Meeting Hall, Civil Engineering Department, COEP Technological University Pune. According, the details will be informed to the interested parties.
6. The Interested parties can write to client's representative well in advance, (Name of the company, email and Mobile) to participate in the Pre -Bid meeting with authorization letter

Representative- Secretary BWC COEP Tech. Pune Email – [bwc.office@coeptech.ac.in](mailto:bwc.office@coeptech.ac.in)

We look forward to receiving your tenders and thank you for your interest in this project.

Sd/-  
Secretary,  
BWC COEP Tech,  
Shivajinagar, Pune .411005

**Instructions to Bidders**  
**SECTION –A**

1) Scope of works

The Registrar, COEP Tech, Shivajinagar, Pune.411005 invites tender for the renovation of works as detailed in the table given bellows

Brief Description of Works	Period of completion
<b>Upgradation Old library to be converted into Training and placement office and Exam Cell, COEP Tech, Pune</b>	45 Days.

The successful bidder will be expected to complete the works by the intended completion period specified above.

1. **Qualification of the bidder:-** The bidder shall provide qualification information which shall include :-
  - a. Contractor should be registered contractors, registered under Government / Semi-government organization / Public undertakings/ Contractors who have not formally registered with Govt. organization, but having excellent proven experience of concerned field can be eligible.
  - b. Income tax returns for last three years.
  - c. Report on his financial standing; and average turnover of the agency should be minimum **Rs 24 Cr.** Year, for the last three years of the bidder. (Turnover Certificate should be Attach)
  - d. Details of any litigation, current or during the last 3 years in which the bidder is involved, the parties concerned and disputed amount in each case.
2. To qualify for award of the contract the bidder: -
3. Should have satisfactorily completed as a prime contractor total similar Work of value not less than last Seven years :( Xerox copy of the certificate from the concerned about satisfactory completion of work to be attached)
  - One work of at least **320lac**
  - Or
  - Two works of at least **240Lac**
  - Or
  - Three works of at least **160 Lac**
4. GST Registration & PAN card.
5. Should have satisfactory performance and record of past work done. The same shall be checked by the expert team of the university for quality of work done.

## 2) Bid price

- a) The contract shall be for the whole works as described in the bill of quantities, drawing and technical specifications, corrections, if any, shall be made by crossing out, initialing.
- b) All duties, taxes and other levies payable by the contractor under the contract shall be included in the total price, GST and other tax shall be added separately in quoted price. If not mentioned separately it will be treated as rates are inclusive of GST.
- c) The rates quoted by the bidder shall be fixed for the duration of the contract and shall not be subject to adjustment on any account.
- d) The rates should be quoted in Indian Rupees.

## 3) Submission of bids

- 3.1) The bidder is advised to visit the site of works at his own expense and obtain all information that may be necessary for preparing the bid.
- 3.2) Each bidder shall submit only one bid. Submission of more than one bid by the same bidder shall automatically lead to disqualification for the bid.
- 3.3) The bid submitted by the bidder shall comprise the following:-
  - a) Bid in the format given in the section **B**
  - b) Signed bill of quantities; and
  - c) Qualification information from given in section B duly completed.

## 4) Validity of Bid

Bid shall remain valid not less than 60 days after the deadline date specified for submission.

## 5) Opening of Bid

Bid will be opened in the presence of bidders or their representatives who choose to attend on the date & time.

- 6) Information relating to evaluation of bid & recommendations for the award of contract shall not be disclosed to bidders or any other persons not officially concerned with the process until the award to the successful bidder is announced.

## 7) Evaluation of Bid

The employer will evaluate & compare the bid determined to be substantially responsive i.e. which

- a) Meet the qualification criteria specified in clause 3 above

- b) Are properly signed
- c) Conform to the terms and conditions, specification & drawing without material deviations.

## 8) Award of contract

The Employer will award contract to the bidder whose bid has been determined to be substantially responsive and who has offered the lowest evaluated bid price & who meets the specified qualification criteria.

- 8.1) Notwithstanding the above, the Employer reserves the right to accept or reject any bid & to cancel the bidding process and reject all bid at any time prior to the award of contract.
- 8.2) The Employer to expiration of the quotation validity period will notify the bidder whose bid is accepted of the award of contract.

## 9) Performance Security

Within 15 days of receiving letter of acceptance, the successful bidder shall deliver to the Registrar, COEP Tech, Shivajinagar, and Pune-411005, the performance security (Either retention amount through running bill) or a bank draft in favour of the university for an amount equivalent of 5% of the contract price. The performance security shall be valid till the expiry of the period of maintenance of the work,

## 10) DLP: Defect Liability Period

The “Period of Maintenance” for the work is **24 Months** from the date of taking over possession during the period of maintenance; the contractor will be responsible for rectifying any defects in construction free of cost to the Employer.

- 11) Purchase of all construction materials including cement and steel as per the specification (ISI certification marked goods wherever available) shall be the responsibility of the contractor. The contractor shall the material tested by paying appropriate testing fees in COEP Tech, Pune, Applied Mechanics Laboratory and shall submit the test results to the employer.
- 12) 5 Years Warranty Undertaking for furniture must be provided from OEM and Bidder letterhead signed by concerned authority.

## 13) APPROVED VENDORS AND MAKES:

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

Note:

- a) The Contractor shall obtain prior approval from COEP Tech before placing order for any specific material or engaging any of the specialized agencies. The Contractor shall make a

detailed submittal with catalogues and highlighted proposed specifications as well as full details of the works proposed to be executed by the specialized agency, as specified.

- b) Wherever applicable, COEP Tech may approve any material equivalent to that specified in the tender subject to proof being offered by the Contractor for equivalence to his satisfaction.
- c) Unless otherwise specified, the brand / make of the material as specified in the item - nomenclature, in the particular specifications and in the list of approved materials attached in the tender, shall be used in the work

Sr.no	Material	Approved Make
	<b>Part -A</b>	
	Ordinary Pozzolona & Portland cement	ACC / Ultratech / Ambuja / JK cement
	White cement	Birla white / JK White / ACC
	Grouts & tile adhesives	MYK Laticrete / Mapei / Ultratech
	Reinforcement steel	Tata / SAIL / JSW / Jindal
	Profile steel sheet (precoated)	Ezydeck of TATA / Lloyd Superdeck / JSW
	Vinyl flooring	Armstrong / Tarkett / Gerflor
	Terrazo flooring	Bharat Floorings & Tiles / Asian / Pidilite / Urban Terrazzo
	Windows	Bandson / Schüco / Alumil
	Paint	Asian / AkzoNobel / Indigo
	BWP marine plywood	Century / Greenply / Austin
	Laminate	Century / Greenlam / Ventura
	Modular Furniture	Godrej / Herman Miller / Stanley
	Gypsum false ceiling	Saint Gobain / Gyproc / USG Boral
	Grid false ceiling	Armstrong / Hunter Douglas / Anutone
	Acoustic Panels	Anutone / Armstrong / Tranquil
	Aluminum & Glass partition works	Bandson / Schüco / Alumil
	Fire door	Shakti Hormann / Godrej / Signum
	Metal Doors	Shakti Hormann / Godrej / Signum
	Ironmongery	Dorma / Hafele / Ozone
	Solid core flush door	Archidply / Austin / Greenply
	CP & Sanitary Fitting	Jaquar / Kohler / Toto
	Waterproofing	Asian / Fosroc / Sika
	Pipe supports & rings	Hilti / Eaton/Easy Flex
	Anchor fasteners	Hilti / Ferry International / Ananka
	Glass	Sanit Gobain / Asahi / Guardian
	cPVC/uPVC / Drainage pipes	Finolex / Ashirwad / Supreme
	Veneers	Archidply / Austin / Greenply
	High pressure laminates	Fundermax / Trespa / Wilsonart
	Ceramic & Vitrified Tiles	Kajaria / Qutone / Blackberry
	Gypsum plaster	Birla white / Gyproc / JK White
	Insulation	Rockwool
	AAC block	Ultratech / Green AAC block / Austin
	PVC water storage tank	Sintex / Supreme / Vectus
	Metal louvers	Hunter Douglas / Bandson / Schüco

<b>Part-B</b>	
PVC CABLES (COPPER)/ ALLUM	FINOLEX, HAVELLS, POLYCAB
PVC INULATED ALUMINUM / COPPER WIRE WITH STRANDED CONDUCTORS. (FRLS/FR / HFFR)	FINOLEX, HAVELLS, POLYCAB
PVC RIGID CONDUITS / CASING-N-CAPPING	FINOLEX, MODI, POLYCAB
ELECTRICAL FITTINGS (LED.) INDOOR & OUTDOOR	WIPRO, HAVELLS, POLYCAB
CEILING FANS, EXHAUST FANS	POLYCAB, HAVELLS, ALMONARD
HRC SWITCH FUSE UNIT	LAURITZ KNUDSEN, SIEMENS, HAVELLS,
CEILING FANS, EXHAUST FANS	POLYCAB, HAVELLS, ALMONARD
HRC SWITCH FUSE UNIT	LAURITZ KNUDSEN, SIEMENS, HAVELLS,
CABLE GLAND & LUGS	POLYCAB, DOWELS, BRACO
INDUSTRIAL SOCKETS	SIEMENS, HAVELLS, LEGRAND
FLUORESCENT TUBES & BULBS	PHILIPS, WIPRO, HAVELLS
ELECTRONIC FAN REGULATOR (STEP TYPE)	POLYCAB, SCHNEIDER, HAVELLS
MCCB'S & RCCB, RCBO (ALL POLS)	SIEMENS, LEGRAND, POLYCAB
MS & GI CONDUITS	AKG, BEC CONDUITS, TECHNO FLEX
ISOLATORS, DISTRIBUTION BOXES	SIEMENS, LEGRAND, HAVELLS
WIRING ACCESSORIES: 1) PIANO TYPE SWITCHED, SOCKETS, ACCESSORIES. 2) MODULAR TYPE SWITCHES SOCKETS, ACCESSORIES. MODULAR TV / TELEPHONE SOCKET	SIEMENS, POLYCAB, HAVELLS
FLUORESCENT TUBES, MF/GF LAMPS	CROMPTON, PHILIPS, WIPRO
WATER PUMP	CROMPTON GREAVES, KIRLOSKAR, GRAND FOSS
HT CABLE	FINOLEX, HAVELLS, POLYCAB
CABLE JOINTING KITS	POLYCAB, REYCHEM, GMG INTERNATIONAL
HT SWITCHGEARS	SIMENS, SCHNEIDER, ABB
AIR CONDITIONING UNITS	HITACHI, DAIKIN, MITUBHISHI
FIRE PUMPS	KIRLOSKAR BROS. LTD / MATHER & PLATT / GRUNDFOS
G.I./ M.S. PIPES	JINDAL(HISSAR) / TATA / ZENITH
PIPE FITTING	BHARAT FORGE / TUBE PRODUCTS / M.S. FITTINGS
BUTTERFLY VALES:	AUDCO / NEW AGE / KARTAR
NON – RETURN VALVES	H. SARKER / CRESENT / KARTAR
GATE VALVES (SCREWED END)	LEADER / ZOLOTO / KARTAR
BALL VALES (SCREWED END)	LEADER / ZOLOTO / KARTAR

DG SET WITH AMF PANEL	KIROSKAR / MAHINDRA / CUMMINS
STRAINERS	GUJRAT OTO FILT / GRAND FRIX / KARTAR
C.I. GATE VALVES	H. SARKER / CRESENT / KARTAR
FLOW METER	FORBES MARSHALL / EUREKA
PRESSURE SWITCH	INDFOS / SWITZER / DELTA CONTROL
PRESSURE GAUGE	H. GURU / FIEBIG / PRICOL
ANTICORROSIVE MATERIAL	RUSTECH / STANVAC / VITMANS INDUSTRIES
HYDRANT VALVES	NEWAGE / WINCO / SHAHBHOGILAL
BRANCH PIPE WITH NOZZLE	NEWAGE / WINCO / SHAHBHOGILAL
FIRE HOSES	NEWAGE / WINCO / SHAHBHOGILAL
HOSE COUPLINGS	NEWAGE / WINCO / SHAHBHOGILAL
HOSE REEL	EVERSAFE / TYCO / NEWAGE
HOSE BOX / FIRE DUCT SHUTTER	EVERSAFE / TYCO / NEWAGE
FIRE EXTINGUISHERS	SAFEX / ACE FIRE / MINIMAX
SPRINKLERS	TYCO / VIKING / NEWAGE
SPRINKLER ALARM VALVE	HD / TYCO / VIKING
FLOW SWITCH	SYSTEM SENSOR / POTTER / SWITZER
PAINT	ASIAN / BERGER / NEROLAC
AIR RELEASE VALVES	LEADER / HAWA /ZOLOTO
WELDING ELECTRODES	ESAB 28/ ADVANI / D&H INDIA
FLEXIBLE DROPS	EASYFLEX / DONGA FLEX
ELECTRIC MOTORS	KIRLOSKAR ELECTRIC / CROMPTON GREAVES / ABB
BATTERY	EXIDE / STANDARD / AMRON
MOTOR CONTROL CENTER	PRAGATHI CONTROLS / LOAD CONTROLS / DYNAMO
CONTROL / POWER CABLES	POLYCABI/ FINOLEX /HAVELLS
CONTROL MCB	LEGRAND / SIEMENS / HAVELL
VOLT METER SELECT SWITCH	SALZER / LAURITZ KNUDSEN / KAYCEE
VOLTMETER ( AC / DC)	MECO / AE / BEEMET / ROTOMATIC
AMMETER ( AC / DC)	MECO / AE / BEEMET / ROTOMATIC
POWER CONTACTORS	ABB/ SIEMENS / LAURITZ KNUDSEN
INDICATING LAPS ( LED TYPE)	VINAY / TEKNIC / LAURITZ KNUDSEN
PUSH BUTTONS	TEKNIC / SIEMENS / LAURITZ KNUDSEN
AUTO / MANUAL SELECTOR	SALZER / KAYCEE / LAURITZ KNUDSEN
TIMERS	EAPL / AE / LAURITZ KNUDSEN
TERMINAL BLOCKS	ELMEX / WAGO
CURRENT TRANSFORMERS	KALPA / VOLTAMPS / KAPPA
OVER LOAD RELAY	LAURITZ KNUDSEN / SIEMENS / ABB
SINGLE PHASE PREVENTORS	MINILEC / AE /SIEMENS

	ENGINE CONTROL SELECTOR	SALZER / KAYCEE / LAURITZ KNUDSEN
	MAIN SUPPLY SELECTOR – DPMCB	SIEMENS / LEGRAND / LAURITZ KNUDSEN
	BATTERY CHARGING SELECTOR	SALZER / LAURITZ KNUDSEN / KAYCEE
	BATTERY CHARGER	KAYBEE POWEREC / HBL-NIFE/ AFCO/CHABBI
	SIREN / HOOTER	KHERAJ/EQUI
	TOGGLE SWITCH	JAY / EQUI
	END TERMINATIONS	DOWEWLS / BRACO / POLYCAB
	SMOKE DETECTORS	NOTIFIER HONEYWELL / SIEMENS / AGNI
	HEAT DETECTORS	NOTIFIER HONEYWELL / SIEMENS / AGNI
	MAIN CONTROL PANEL	NOTIFIER HONEYWELL / SIEMENS / AGNI
	MANUAL PULL STATIONS	NOTIFIER HONEYWELL / SIEMENS / AGNI
	HOOTERS / STROBES	NOTIFIER HONEYWELL / SIEMENS / AGNI
	MODULES	NOTIFIER HONEYWELL / SIEMENS / AGNI
	BATTERY	HITACHI / EXIDE / STANDRD
	COPPER CONDUCTOR CONTROL CABLE / WIRES	HAVELLS /FINOLEX/ POLYCAB
	COMMUNICATION WIRES	HAVELLS /FINOLEX/ POLYCAB
	P.A. SPEAKERS	AHUJA / AKG / BOSCH
	P.A.CONSOLE	TYCO / FIRE PRO / BOSCH
	DATA CABLE(CAT 6, CAT6+)	AMP, D LINK, MOLEX
	PROJECTOR	SONY / BENQ
	SOLAR INVERTER	POLYCAB, GROWAATT, ABB
	SOLAR “ON GRID” SYSTEM / SOLAR “OFF GRID” SYSTEM	GREENBRILLIENCE, TATA POWER SOLAR SYSTEMS LTD. POLYCAB
	SOLAR PANEL	GREENBRILLIENCE, TATA POWER SOLAR SYSTEMS LTD. POLYCAB
	LINE ARRAY SPEAKER , LINE ARRAY SUB WOOFER ,TWP WAY STAGE MONITOR	BOSE /BOSCH HONEY WELL
	POWER AMPLIFIER (FOR LINE ARRAY) , POWER	BOSE /BOSCH HONEY WELL
	EQUALISER (31+31)	BOSE /BOSCH HONEY WELL
	LIVE MIXER	BOSE /BOSCH HONEY WELL
	ACTIVE CROSS OVER STEREO	BOSE /BOSCH HONEY WELL
	DIGITAL SIGNAL PROCESSOR DRIVE RACK	BOSE /BOSCH HONEY WELL
	HANGING MICROPHONE	SHURE/ SENNHEISER /BOSCH
	PODIUM GOOSENECK MICROPHONE	SHURE/ SENNHEISER /BOSCH

	BOUNDARY MICROPHONE	SHURE/ SENNHEISER /BOSCH
	WIRELESS HANDHELD MICROPHONE , WIRELESS	SHURE/ SENNHEISER /BOSCH
	NVR & NVR SOFTWARE	SONY, HONEYWELL, PRAMA HIKVISION
	SEMI OPEN HEADPHONE	SENNHEISER/YAMAHA / SONY
	SURVEILLANCE HARD DIST	SEAGATE, WD, TOSHIBA
	ROOM MONITOR SPEAKER	BOSCH / BOSE/SONY
	SUB WOOFER FOR FLY MOUNTS SPEAKER MOUNTING BRACKETS	BOSCH / BOSE/SONY
	GIGABYTE POE & ETHERNET SWITCHES	CISCO, ALCATEL, D-LINK
	DVD PLAYER	SONY/PHILIPS/SAMSANG
	UTP CABLE, FIBER OPTIC CABLE, I/O, PATCH	CISCO, SYSTIMAX, D-LINK
	MICROPHONE CABLE	FALCON/ SUNPLAST / POLYCAB
	RACKS	VALLRACK, NET RACK, D LINK
	SPEAKER CABLE	FALCON/ SUNPLAST / POLYCAB
	UPS	ETON, FUGI, ABB
	MICROPHONE PATCH PANEL , SPEAKER PATCH PANEL	NEUTRIK/ AHUJA / BOSCH
	OCTAGONAL POLES / HIGH MAST POLES	BAJAJ, CROMPTON, TRANSRAIL
	TRANSFORMER	VOLTAMP, SILVER LINE, CROMPTON PACTIL
	TELEPHONE CABLE	FINOLEX, D-LINK, POLYCAB
	TELEPHONE INSTRUMENTS	PANASONIC, BEETEL, SIEMENS
	MDF BOX	KRONE OR ISI MARKED APPROVED
	KRONE MODULE	KRONE OR ISI MARKED APPROVED.
	CO-AXIAL RG11 CABLE	FINOLEX, POLYCAB, HAVELLS
	SOLAR HOT WATER SYSTEM	RACOLD SOLAR WATER HEATING SYSTEM , KOTAK URJA PVT. LTD, PHOTON ENERGY SYSTEMS LTD , VIKRAM SOLAR PVT. LTD , WAAREE ENERGIES LTD , V.GUARD , SKYLARK SOLAR , LAXMI SOLAR
	LED TV SET	LG / SONY/ SONIQ VIEW
	EXTENDER SWITCHES, CONTROLLER , CABLE , CABLE TERMINALS	LIGHTWEL / KRAMER / EXTRON
	MIC , AMPLIFIRE , DIGITAL SINGLE PROCESSOR (DSP)	SCNNHEISER / XILICA / KRAMER
	CAMERA ( PTZ ) , VC BAR	STQC CERTIFIED CCTV CAMERA
	FAÇADE LIGHTING	PHILIPS , HAVELLS, JAQUAR
	CCTV CAMERA	STQC CERTIFIED CCTV CAMERA (Standardisation Testing and Quality Certification Directorate under the Ministry of Electronics and Information Technology (MeitY), Government of India )
	LINE ARRAY SPEAKER , LINE	JBL , MARTIN, BSS

	ARRAY SUB WOOFER , TWO WAY STAGE MONITOR	
	AMPLIFIER	CROWN, DBX, JBL
	MICROPHONE	SHURE , AUDIOTECHNICA , SENNHEISER
	MIXER	SOUND CRAFT , YAMAHA ,
	DIGITAL SIGNAL PROCESSOR DRIVE RACK	DBX, BSS, CROWN
	MIC STAND	MX, AHUJA , AKG
	MICROPHONE CABLE	FALCON, DELTA, KRYSTAL
	ACCES CONTOL SYSTEM	HONEYWELL, HICK VISION, MATRIX COMSEC
	RACKS	VAL RACK, NET RACK, D-LINK
	MICROPHONE PATCH PANEL , SPEAKER PATCH PANEL	MX/NEUTRIK/CUSTOM
	LIGHTS	LEKSA LIGHTING, MARKRICH, AULTRA LIGHTING
	DMX CABLE	FALCON, GURUASTRONICS, BELDEN
	POWER AND DMX CONNECTOR	LEKSA LIGHTING, MX,
	POWER PANELS	LEGRAND, SIEMENS, LEKSA LIGHTING
	CONSOLE / SPLITTER	LEKSA LIGHTING, MARKRICH, AULTRA LIGHTING
	GEAR BOX	KISCO GEAR , LEKSA LIGHTING
	MOTOR	NAVJOT , CROMPTON , LEKSA LIGHTING
	<b>Part-C</b>	
	Dry Wall	Greenlam/ Duro/ Century,
	Glass Partition -Aluminum sections - Jindal and thickness as per drg	Dorma / Kubik / Hafele
	Furniture	approve by COEP Tech

Signature of bidder

.....

**Instructions to Bidders**  
**SECTION –B**

1. **Format for Qualification Information.**
2. **Format for Submission of Quotation.**
3. **Format of Letter of Acceptance.**

**QUALIFICATION INFORMATION**  
**(To be supplied the bidder along with bid document )**

**1) For Individual Bidders**

1.1) Principal place of business :- \_\_\_\_\_

Power of attorney of signatory of Quotation.  
*(Attach attested Xerox copy)*

1.2) Total value of Civil Engineering construction

1.3) Work performing in the last Three years ( Year 2023-2024 to 2025-2026)  
(in Rs. Lac)

1.4) Work performed as prime contractor (in the same name) on works of a similar nature over the last three years.

Project Name	Name of Employer	Description of work	Contract no.	Value of contract (Rs. Lac)	Date of issue of work Order	Stipulated period of completion	Actual date of completion	Remarks explaining reasons or delay & work completed

Information about Existing commitments and on – going works:-

Description of work (1)	Place & state (2)	Contract No. & date (3)	Value of contract (Rs. Lac) (4)	Stipulated period of completion (5)	Value of works * Remaining to be completed (Rs. Lac) (6)	Anticipated date of completion (7)

\* Enclose a certificate from Engineer concern

1.5) Proposed subcontracts & firms involved in the present work.

<b>Sections of the works</b>	<b>Value of sub-contract</b>	<b>sub- contractor (name &amp; address )</b>	<b>Experience in similar work</b>
*	*	*	*
*	*	*	*
*	*	*	*
	*	*	

1.6) Evidence of access to financial resources to meet the requirements of working capital: cash in hand, lines of credit, etc. List them below & attach copies of support documents.

1.7) Name, address, & telephone, telex, fax. No. & Email ID of the bidders bankers who may provide references if contacted by the Employer.

1.8) Information on litigation history in which the bidder is involved.

<b>Other Parties</b>	<b>Employer</b>	<b>Cause of dispute</b>	<b>Amount involved</b>	<b>Remarks showing present status</b>

**LETTER OF ACCEPTANCE**  
**CUM NOTICE TO PROCEED WITH THE WORK**

---

**COEP Technological University Pune**

Dated: \_\_\_\_\_

To: \_\_\_\_\_ (Name and address of the Contractor)

\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

Dear Sirs,

This is to notify you that your Quotation dated \_\_\_\_\_ for execution of the \_\_\_\_\_ for the contract price in Rupees (Amount in words& figures), is hereby accepted by us .

You are hereby requested to furnish performance security for an amount of Rs. \_\_\_\_\_ (Equivalent to 5% of the contract price) within 15 days of the receipt of the letter. The performance security in the form of Bank guarantee or a Bank draft in favour of (Employer) shall be valid till the expiry of the period of maintenance i.e. up to \_\_\_\_\_. Failure to furnish the performance security will entail cancellation of the award of contract.

You are also requested to sign the agreement from & proceed with the work not later than \_\_\_\_\_ under the instruction of the engineer, \_\_\_\_\_ & ensure its completion within the contract period.

Yours faithfully,

**Authorized Signature**  
**Name & Title of Signatory**

## ARTICLES OF AGREEMENT

1) This deed of agreement is made in the form of agreement on \_\_\_\_\_ day \_\_\_\_\_ month \_\_\_\_\_ 2026, between (the referred to as the first party) and \_\_\_\_\_ (Name of the contractor), S/O \_\_\_\_\_ resident of \_\_\_\_\_ (hereinafter referred to as the second party), to execute the work of construction of \_\_\_\_\_ (hereinafter referred to as works) on the following terms & conditions.

### 2) Cost of contract

The total cost of the works (hereinafter referred to as the “total cost”) is Rs. \_\_\_\_\_ as reflected in Annexure -1.

#### 2.1) Payments under its contract:

Payments to the second party for the construction work will be released by the First party in the following manner:-

On completion of the work & submission of the completion report approved by the client (i.e. First & final Bill)	:	As per the certified bill of the contractor based on the measurements along with certification of completion to the satisfaction by the Engineer In Charge.
--	---	---

#### 2.2) Payment will be made by the first party:

- a) On the second party submitting an invoice for an equivalent amount along which the certified copy of the bill of quantities & measurements.
- b) On certification of the invoice by the engineer nominated by the first party with respect to quality of works in the format Annexure - 2; and

### 3) Notice by Contractor to Engineer

The second party, on the works reaching each stage of renovations, issue a notice to the first party or the Engineer nominated by the first party (who is responsible for supervising the contractor, administering the contract, certifying the payment due to the contractor, issuing & valuing variations to the contract, awarding extensions of time etc.) to visit the site for certification of the stage completion. Within 15 days of the receipt of such notice, the first party or the contractor nominated by it, will ensure issue of stage completion certificate after due verification.

### 4) Completion time

The work should be completed in **45 Days** (months/weeks/days) from the date of this Agreement. In exceptional circumstances, the time period stated in this clause may be extended in writing by mutual consent of both parties.

- 5) If any of the compensation events mentioned below would prevent the work being completed by the intended completion date, the first party will decide on the intended completion date being extended by a suitable period:
- a) The first party does not give access to the site or a part thereof by the agreed period.
  - b) The first party orders a delay or does not issue completed drawing, specifications or instructions for execution of the work on time.
  - c) Ground conditions are substantially more adverse than could reasonably have been assumed before issue of letter of from information provided to second party or from visual inspection of the site.
  - d) Payments due to the second party are delayed without reason.
  - e) Certification for stage completion of the work is delayed unreasonably.
- 6) Any willful delay on the part of the second party in completing the construction within the stipulated period will render him liable to pay liquidated damages. @ 0.5% of contract value per week which will be deducted from payment due to him. The first party may cancel the contract and take recourse to such other action as deemed appropriate once the total amount of liquidated damages exceeds 5% of the contract amount.

## **7) Duties & responsibilities of the first party**

- 7.1) The first party shall be responsible for providing regular & frequent supervision & guidance to the second party for carrying out the works as per specifications. This will include written guidelines & regular site visits of the authorized personnel at the first party, for checking quality of material & construction to ensure that it is as per the norms.
- 7.2) The first party shall apply 3 sets of drawing, specifications & guidelines to the second party for the proposed work.
- 7.3) Possession of the site will be handed over to the second party within 2 days of signing the agreement.
- 7.4) The engineer or such other person as may be authorized by the first party shall should meeting once in a week where a second party or his representative at site will submit the last information including progress report & difficulties if any, in the execution of the work. The whole team may jointly inspect the site on a particular day to take stock of activities.
- 7.5) The engineer shall record his observations/instructions at the time of his site visit in a site register maintained by the second party. The second party will carry out the instructions & promptly rectify any deviations pointed out by the engineer. If the deviations are not rectified, within the time specified in the engineer's notice, the first party as well as the engineer nominated by it may instruct stoppage or supervision of the construction rectified at the cost of the second party.

## **8) Duties & responsibility of the second party.**

The second party shall:

- a) Take up the works & arrange for its completion within the time period stipulated in clause 5.
- b) Employ suitable skilled persons to carry out the works;
- c) Regularly supervise & monitor the progress of work;
- d) Abide by the technical suggestions / direction of supervisory personal including engineers etc. regarding building construction;
- e) Be responsible for bringing any discrepancy to the notice of the representative of the first party & seek necessary clarification.
- f) Ensure that work is carried out in accordance with specifications, drawing & within the total of the contract amount without any cost escalation.
- g) Keep the first party informed about the progress of work.
- h) Be responsible for all security watch & warned arrangements at site till handing over of the building to the first party
- i) Maintain necessary insurance against loss of material / cash etc. or workman disability compensation claims of the personal deployed on the works as well as third party claims.
- j) Pay all duties, taxes and other levies payable by construction agencies as per law under the contract (First party will effect deduction from bill in respect of such taxes as may be imposed as may be under the law)

## **9) Variations / Extra Items**

The works shall be carried out by the second party in accordance with the approved drawing & specifications or directives from the engineer in-charge. However if, on account of site condition or any other factors, variations are considered necessary, the following procedure shall be followed:

- a) The second party shall provide engineers with a quotation for carrying out the variation when requested to do so by the engineer. The engineer shall assess the quotation which shall be given within seven days of the request before the variation is ordered.
- b) If the quotation given by second party is unreasonable, the engineer may order the variation & make a change to the contract price which shall be based on engineer's own forecast of the effects of the variation on the contractor's costs.
- c) The second party shall not be entitled to additional payment for cost which could have been avoided by giving early warning.

## **10) Securities**

The performance securities shall be provided to the employer no later than the date specified in the letter of Acceptance & shall be issued in an amount & form & by a bank or security acceptable to the Employer. The performance scrutiny shall be valid until a date 28 days from the date of issue of the Certificate of Completion in the case of a Bank Guarantee.

## **11) Termination**

**11.1)** The Employer may terminate the contract if the other party causes a fundamental breach of the contract.

**11.2)** Fundamental breaches of contract include, but shall not be limited to the following

- (a) The contractor stop work for 28 days & stoppage has not been authorized by the engineer.
- (b) The contractor has become bankrupt or goes into liquidation other than for reconstruction or amalgamation;

- (c) The engineer gives notice that failure to correct a particular defect is a fundamental branch of contract & the contractor fails to correct it within a reasonable period of time determined by the engineer.
- (d) The contractor does not maintain a security which is required ;

**11.3)** Not with standing the above, the Employer may term the contract for convenience.

**11.4)** If the contract is terminated the contractor shall stop work immediately, make the site safe & secure & leave the site as soon as reasonably possible.

## **12) Payment upon Termination**

**12.1)** If the contractor is terminated because of a fundamental branch of contract by the contractor, the engineer shall issue a certificate for the value of the work done less advance payment received up to the date of the issue of the certificate, less than other recoveries due in terms of the contract, less taxes due to deducted at sources as per applicable law.

**12.2)** If the contract is terminated at the Employer's convenience, the engineer shall issue a certificate for the value of the work done, the responsible cost of removal of equipment, repatriation of the contractor's personal employed solely on the works & the contractor's costs of protecting & securing the work & less advance payments received up to the date of the certificate, less other recoveries due in terms of the contract & less taxes due to be deducted at source as per applicable law.

## **13) Dispute settlement**

If over the works, any dispute arises between the two parties, relating to any aspects of this Agreement, the parties shall first attempt to settle the dispute through mutual & amicable construction.

In the event of agreement not being reached, the matter will be referred for arbitration by a sole Arbitrator not below the level of retired Superintending Engineer, PWD to be appointed by the first party. The Arbitration will be conducted in accordance with the Arbitration & Conciliation Act 1996. The decision of the Arbitrator shall be final & binding on both the parties.

Signature of bidder

## **Annexure II**

### **Format of certificate**

Certificated that all the works as given in the bill for payment in respect of construction of \_\_\_\_\_ at \_\_\_\_\_ have been executed in accordance with the approved drawing & technical specifications & directives from the Engineer in – charge.

(Official address)

Signature Name & designation

Place:

Date:

Office seal

# Tender/Offer from Bidder

(To be completed by the bidder)

---

**Description of the works: “Upgradation Old Library to be converted into Training and placement office and Exam Cell, COEP Tech, Pune**

To:  
Registrar,  
COEP Technological University Pune  
Shivajinagar, Pune .411005.

**Subject: Upgradation Old Library to be converted into Training and placement office and Exam Cell, COEP Tech, Pune**

Reference: Letter No. \_\_\_\_\_ dated \_\_\_\_\_ from \_\_\_\_\_

Sir,

We offer to execute the works described in your letter referred to above in accordance with the Conditions of contract enclosed therewith at \_\_\_\_\_ percentage above/below the estimated rates, i.e. for a total contract price of –

Rs.\*\* \_\_\_\_\_ (In figures)

Rs. \_\_\_\_\_ (In words)

This bid and your written acceptance of it shall constitute a binding contract between us. We understand that you are not bound to accept the lowest or any bid you receive.

We hereby confirm that this bid is valid for 30 days as required in clause 6 of the Instructions to bidders.

Yours faithfully,

Authorized Signature:

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

Name & Title of Signatory : \_\_\_\_\_

Name of Bidder : \_\_\_\_\_

Address : \_\_\_\_\_

\*\* To be filled by the bidder, together with his particulars and date of submission at the bottom of this Form.

Signature of bidder

## **ANNEXURE –A (UNDERTAKING BY THE BIDDER)**

*(To be printed on letterhead)*

### **UNDERTAKING**

- I) I/ We have read and examined the Tender document including terms & conditions, specifications, bill of quantities, drawings and designs, general rules & directions, General Conditions of Contract (GCC), Special Conditions of Contract and all relevant other documents, publications and rules referred to in the Conditions of Contract (PWD GCC) and all other contents in the tender documents for the work including applicable PWD Specifications.
- II) I/ We, hereby tender for execution of the work specified for the COEP Technological University within the time specified and in accordance in all respects with the specifications, designs, drawings and instructions in writing. We agree to keep the tender open for 120 days from the last date of its submission and not to make any modifications in its terms and conditions.
- III) If I / we fail to submit the performance guarantee as specified, I / we agree that the Vice-Chancellor, COEP Technological University, shall without prejudice to any other right or remedy available in law, be at liberty to suspend our company/firm for a period of five years from the date of termination for future requirement of COEP Technological University. If I/we fail to commence the work, I / we agree that the Registrar, COEP Technological University shall without prejudice to any other right or remedy available in law, be at liberty to forfeit the performance guarantee absolutely. Further, I/ We agree that in case of forfeiture of Performance Guarantee as aforesaid, I / We agree to suspend of our company/firm for a period of five years from the date of termination of work for future requirement of COEP Technological University.
- IV) I/We hereby declare that I/We shall treat the tender documents and other records connected with the work as secret / confidential documents and shall not communicate information derived there-from to any person other than the officials of COEP Technological University. I / We hereby declare that our firm (name & address of the firm) is neither blacklisted/ debarred by any Central/State Government/ Public Undertaking/ Institute nor is any criminal case registered/ pending against the firm or its owner / partners anywhere in India.
- V) I also certify that the above information is true and correct in every respect and incase, at a later date, it is found that any details provided above are incorrect, the tender/ contract given to the firm may be summarily terminated and the firm may be blacklisted.

Seal & Signature of Firm:

Postal Address:

Dated:

Witness:

**INDEX**  
**List of Documents attached by the Bidder**

<b>Details of documents required In Technical Envelope (Envelope no1)</b>		
<b>Sr. No.</b>		<b>Page. No.</b>
	The first envelope clearly marked as Envelop No.1 shall contain the following documents: Forwarding letter clearly indicating the documents attached there in with index and page Nos. shall be attached.	
1.	Proof that the <b>Tender Fee and EMD</b> Amount has been paid by the Tender from his own bank account should be submitted.	
2.	The service provider should have valid registration of Govt./ Semi-govt. Organization and equivalent sector experience of working with Central Govt., State Govt., etc. The agency who is not formally registered but having proven experience in the relevant field and with required eligibility stated in bid document, May be eligible subject to proof of experience.	
3.	Scanned copy of original acknowledged <b>Income Tax Return</b> filed for the Last three years	
4.	Scanned copy of original <b>Last three years Annual Turnover Certificate</b> Issued by Chartered Accountant. ( Year 2022-2023, 2023-2024 & 2024-2025)	
5.	Scanned copy of original <b>PAN Card</b> .	
6.	Scanned copy of original <b>G.S.T. Registration</b> Certificate and last three year GST Submitted proof.	
7.	Scanned copy of <b>Declaration of contractor</b> ( Prescribed form attached)	
8.	Scanned copy of <b>Undertaking</b> that they have not been Blacklisted / Banned / Suspended (Prescribed form attached)	
9.	Details of works tendered for and <b>works in hand</b> as on the date of submission of the tender as per Statement No.I (Work order copy for works in hand must be attached)	
10.	Details of works of <b>similar type &amp; magnitude</b> carried out by the Tenderer in last one years as per statement No.II (work order copy for works in hand must be attached)	
11.	Details of <b>Technical Personnel</b> on the roll of the Bidder who will be exclusively spared for this work as per Statement No. IV.	

Above documents are checked and submitted by us along with this tender

Signature of bidder

**SECTION-C**  
**BILL OF QUANTITIES**

**Name of work:-Upgradation Old Library to be converted into Training and placement office and Exam Cell, COEP Tech, Pune**

<b>Item No.</b>	<b>Quantity</b>	<b>Item of Work</b>	<b>Unit</b>
1	18.69	Dismantling brick masonry in lime or cement mortar and stacking the materials as directed with all leads, lifts, complete.	Cubic Metre
2	5.66	Removing rich mix cement concrete including stacking the spoils as directed with all leads, lifts complete.	Cubic Metre
3	10.02	Removing brick bat coba including stacking the spoils as directed with all leads, lifts, complete.	Cubic Metre
4	300.46	Removing cement tiles, or marble or polished shahabad floor or dado without bed concrete including stacking the materials as directed with all leads, lifts, complete.	Square Metre
5	33.00	Removing doors and windows with frames and stacking the materials as directed with all leads, lifts, complete.	Number
6	16.00	Removing ventilators and small windows with frame and stacking the materials with all leads lifts, complete.	Number
7	21.17	Removing wooden or Asbestos Cement partition including frame work and stacking the material as directed with all leads, lifts, complete.	Square Metre
8	7.00	Removing Urinal Pans or wash hand basin with frame including disconnecting the sanitary and water supply connections, removing the same carefully and stacking the serviceable materials as and where directed including throwing the unserviceable materials out side.	Number
9	7.00	Removing Water Closet Pan including disconnecting the sanitary and water supply connections, removing and breaking flooring and bed concrete around pan removing the same carefully and stacking the serviceable materials as and where directed including throwing the unserviceable materials out side etc. complete.	Number
10	399.33	8 mm thick high strength customized Cerrazzo- epoxy terrazzo flooring Surface preparation: Prepare the concrete floor which moisture content should be >5%, compressive strength 25 N/mm <sup>2</sup> , tensile strength 1.5 N/mm using suitable mechanical method scarifier / diamond tipped grinder / shot blasting to achieve CSP 3 to 4 and remove all the dust, loose particles, oil or grease and clean the floor using industrial vacuum cleaner. Treat all construction joints, control joints, cracks	10

		<p>with help of epoxy based repair material, potholes or blowholes need to be addressed as per Dr Cipy-Pidilite specification before application of primer.</p> <p>Primer application: Providing and applying the solvent-free, two component, epoxy-polyamide based primer Cipoxy 18 of Dr. Cipy-Pidilite on prepare surface with help of roller/brush after mixing it properly with help of low-speed electric drill machine and which covers 5 Smtr. @200 microns/ lit approx. and contains properties like Tensile strength(ASTM D 638) : 11 N/mm<sup>2</sup>, Flexural strength (ASTM D 790): <math>\geq 4</math> MPa, Pull off adhesion (ASTM D 4541) : <math>\geq 2</math> MPa etc.</p> <p>Laying epoxy screed: Supplying and fixing of demarcation aluminium strip which suggested thickness is approx. 8-9 mm at all the terminations, either side of all movement joints, between two different patterns using appropriate adhesive and followed by pouring the Cerrazzo screed matrix having 4 components like resin, hardener, colourant EPI and decorative aggregates on the area between the strips and laid at a thickness of 10 mm after mixing it properly. The screed will be grinded for exposure of aggregates approximately 2mm once it is cured and dust should be removed with vacuum. The matrix surface after that should be grouted with two component Cerrazzo Grout of Dr. Cipy-Pidilite to fill the voids or cracks (if occurs)</p> <p>Top coat application: Once grouted surface is cured polishing need to be done to smoothen the surface and sealing the top coat with Duraseal CG of Dr. Cipy-Pidilite with a roller/squeegee and allowed to cure for 24 hours before doing the buffing</p> <p>System contains properties like:  Compressive strength(ASTM C579): <math>\geq 70</math>MPa, Flexural strength(ASTM D790): <math>\geq 20</math>MPa, Tensile strength(ASTM D638): <math>\geq 20</math> MPa, elongation(ASTM D638): <math>\geq 7\%</math>, Slip resistance (BS 7976 (PTV)): 50-58, Shore D Hardness <math>\geq 70</math> , Flammability(ASTM D 635): 0.025inch/minute. The entire system should have the Green Pro Certification from IGBC.</p> <p>All the system of Cerrazzo need to be executed by authorised applicator of the manufacturer and as per the approved method statement of the manufacturer.</p> <p>Including 3-5 mm thick high strength cementitious underlay- Cipcem SLU (as per site surface condition)</p>	
11	97.09	Providing and laying in position flooring of telephone black/ Amba White/ Cat bary brown/ Ruby red/ Ocean Brown granite stone of approved shade and size 18 mm. to 20 mm. thick on bed 1:6 cement mortar including cement floats striking joints, pointing in Cement Mortar 1:3 curing and cleaning etc. complete.	Square Metre
12	41.17	Providing fly ash brick masonry with conventional / I.S. type fly ash brick in cement mortar 1:6 for superstructure including striking joints, racking out joints, watering and scaffolding complete.	Cubic Metre

13	25.16	Providing Second class fly ash brick masonry with conventional / I.S. type bricks in cement mortar 1:4 in half brick thick wall including mild steel longitudinal reinforcement of two bars of 6 mm diameter/ two hoop iron strips 25 mm x 1.60 mm at every third course, properly bent and bounded at ends scaffolding raking joints and watering etc. complete.	Square Metre
14	50.51	Supply and installation of STANDARD cubicles of width and depth as per specifications/ site drawings. Cubicle height will be 1980 mm Std Series Cubicles: Std Sizes (W x D x H): 900 mm x 1550 mm x 1980 mm/2039 mm ( Height is including 150 mm gap from bottom) Door Size- 600 mm when top rail of rectangular cross section is used and 2039 mm when top rail of circular cross section is used ITEM DESCRIPTION Made from solid grade Merino make compact high pressure laminate as per IS:2046 and EN-438 manufactured under high specific pressure > 5 MPa and temperature >120°C, All doors will be of single colour and made of 12 mm thick Merino HPL compact panel. All pilasters will be made of 12 mm thick HPL compact panel. Size of panels to be as per drawing. HARDWARE & ACCESSORIES are Top rail is made of stainless steel grade 304. There are two options for the top rail. First one comes with a rectangular cross section (Size to be 55mmx42mmx1.6 mmT) and the other one comes with circular cross section (Diameter 32 mm). Surface finish to be brush type. A thin plastic film pasted for surface protection. Corner joinery section made from Stainless steel grade 304. Surface finish to be brush type. A thin plastic film pasted for surface protection. Size to be 35mmx15mmx0.8 mm. etc complete.	Square Metre
15	2.65	Providing and laying Cast in situ/ Ready Mix cement concrete M-25 of trap/ granite/quartzite/ gneiss metal for R.C.C. Beams and Lintels as per detailed designs and drawings or as directed including centering, formwork, cover blocks, laying/ pumping, compaction and roughening the surface if special finish is to be provided and curing etc. complete. (Excluding reinforcement and structural steel), with fully automatic micro processor based PLC with SCADA enabled Reversible Drum Type mixer/ concrete Batch Mix plant (Pan mixer) etc. complete with fine aggregate (Crushed sand V.S.I. Grade).	Cubic Metre
16	5.35	Providing and laying Cast in situ/ Ready Mix cement concrete Mix-25 of trap/ granite/ quartzite/ gneiss metal for Reinforced Cement Concrete Slabs and Landings as per detailed designs and drawings including centering, formwork, cover blocks, laying/ pumping, compaction finishing the formed surfaces with cement mortar 1:3 of sufficient minimum thickness to give a smooth and even surface or roughening if special finish is to be provided and curing etc. complete, (Excluding reinforcement and structural steel) with fully automatic micro processor based Programmable Logic Controller with Superwisery Control and Data Acquisition enabled Reversible Drum Type mixer/ concrete Batch Mix plant (Pan mixer) etc. complete, with fine aggregate (Crushed sand V.S.I. Grade).	Cubic Metre

17	0.560	Providing sacrificial shuttering for deck slab made up with galvanised Cold Rolled Cold Annealed (CRCA) steel of 310 MPA Grade with all Contractor's material, labour, erection fixing, welding etc. (Decking Sheet )	Metric Tonne
18	1.27	Providing and fixing in position TMT FE -500 bar reinforcement of various diameters for R.C.C. pile caps, footings, foundations, slabs, beams columns, canopies, staircase, newels, chajjas, lintels pardis, copings, fins, arches etc. as per detailed designs, drawings and schedules, including cutting, bending, hooking the bars, binding with wires or tack welding and supporting as required complete.	Metric Tonne
19	560.04	Providing internal cement plaster 12 mm. thick in single coat in cement mortar 1:4 without neeru finish to concrete or brick surfaces, in all positions including scaffolding and curing etc. complete.	Square Metre
20	1,880.76	Providing and applying gypsum plaster (with Gypsum material of Gypsum India/ Mega Sign or equivalent make) with finishing with gypsum material in 10 to 13 millimeter thickness to previously plastered surface/ or on newly brick surface (Excluding rough cast plaster) in all position including preparing and finishing the surface scaffolding etc. complete.	Square Metre
21	57.50	Providing and applying plaster with plaster of paris in 6mm. thickness to previously plastered surface in all position including preparing the surface scaffolding etc. complete.	Square Metre
22	443.08	Providing and laying vitrified matt finish tiles for flooring having size 590 mm to 605 mm x to 605 mm. of 8 to 10 mm. thickness and confirming I.S. 15622-2006 (Group Bla) of approved make, shade and pattern for flooring in required position laid on a bed of 1:4 cement mortar including neat cement float, filling joints, curing and cleaning etc. complete.	Square Metre
23	330.23	Providing and laying vitrified mirror / glossy finish tiles for Skirting & Dado having size 590 mm to 605 mm. x 590 mm. to 605 mm. of 8 to 10 mm. thickness and confirming to IS. 15622-2006 (group Bla) of approved make, shade and pattern for flooring in required position laid on a bed of 1:4 cement mortar including neat cement float, filling joints, curing and clearing etc. complete.	Square Metre
24	112.04	Providing and laying telephone black/ Amba White/ Cadburybrown/ Ruby red/ Ocean Brown granite stone of 18 to 20 mm thick for door frame/ dado/ window boxing etc. on Cement Mortar 1:6 including filling joints with polymer base filler nosing the sharp edges wherever necessary, curing, etc. complete.	Square Metre
25	63.61	Providing and laying polished Kotah stone flooring 25 millimeter to 30 millimeter thick and of reqd. width in plain/ diamond pattern on a bed of 1:6 cement mortar including cement float, filling joints with neat cement slurry, curing, polishing and cleaning complete.	Square Metre

26	25.11	Providing and fixing in required position skirting or dado of polished Kotah Stone slab 25 mm to 30 mm thick fixed on base on plaster of cement mortar 1:4 including cement float, filling joints with cement slurry, curing rubbing, polishing and cleaning complete.	Square Metre
27	4.76	Providing and laying machine cut machine polished Kotah stone slabs 20 to 25 mm. thick for treads and risers of steps on a bed of 1:4 cement mortar complete.	Square Metre
28	2.11	Providing and fixing frame with/ without ventilator of size as specified with country cut teak wood for doors and windows including chamfering, rounding, rebating, iron holdfast size 300 mm x 40 mm x 5 mm with oil painting, etc.complete.	Cubic Metre
29	126.96	Providing & applying washable oil bound distemper to old & new surfaces in two coats including Primer Coat complete.	Cubic Metre
30	15.21	Providing and fixing solid core flush door shutter in single leaf 32 mm thick decorative type of exterior grade as per detailed drawings approved face veneers 3 mm thick on both faces or as directed, all necessary beads, mouldings and lipping, wrought iron hold fasts, chromium plated fixtures and fastenings, with brass mortise lock, chromium plated handles on both sides, and finishing with French Polish etc. complete.	Square Metre
31	9.66	Providing and fixing solid core flush door shutter in double leaf 32 milimetre thick decorative type of exterior grade as per detailed drawings approved face veneers 3 milimetre thick on both faces or as directed, all necessary beads, mouldings and lipping, wrought iron hold fasts, chromium plated fixtures and fastenings, with brass mortise lock, chromium plated handles on both sides, and finishing with French Polish etc. complete.	Square Metre
32	30.79	Providing and fixing fibre glass reinforced polyster door shutter 35 mm. thick as per IS 14856 (2000) (Reaffirmed 2006) without ventilator including chromium plated fixtures and fastening with chromium plated handles on both sides, etc. complete.	Square Metre
33	66.24	Providing and fixing M.S. grill door 24 kg/sqm. of various size as per detailed drawings without hot dip coating, iron fixtures and fastenings and 3 coats of oil painting etc	Square Metre
34	15.18	Providing and fixing in position (as per I.S. 1868/1982) aluminium sliding window of two tracks with powder coating without box with rectangular pipe 63.50 x 38.10 x 1.02 mm at weight 0.547 Kg/Rmt.and window frame bottom track section 61.85 x 31.75 x 1.20 mm at weight 0.695 Kg/Rmt. Top and side track section 61.85 x 31.75 x 1.30 mm at weight 0.659 Kg/Rmt. The shutter should be of bearing bottom 40 x 18 x 1.25 mm at weight 0.417 Kg/Rmt. Interlocking section 40 x 18 x 1.10 mm at weight 0.469 Kg/Rmt. and handle section 40 x 18 x 1.25 mm at weight 0.417 Kg/Rmt. and top section 40 x 18 x 1.25 mm at weight 0.417 Kg/Rmt. as per detailed drawing and as directed by Engineer -In-Charge with all necessary aluminium section fixtures and fastenings such as roller bearing in nylon casting and self locking catch fitted in vertical section of shutter including 5mm thick plain glass with all required screws and nuts etc complete	Square Metre

35	49.85	Providing and fixing in position (as per 1868:1982) Aluminium sliding window of three tracks with rectangular pipe 95 x 38.10 x 0.90 mm. at weight 0.637 kg/Rmt. with window frame bottom track section 92 x 31.75 x 1.30 mm. at weight 1.070 kg/Rmt. Top and side track section 92 x 31.75 x 1.30 mm. at weight 0.933 kg/Rmt. The shutter should be of bearing bottom 40 x 18 x 1.25 mm. at weight 0.417 kg/Rmt. Inter locking section 40 x 18 x 1.10 mm at weight 0.469 kg/Rmt. and handle and top section 40 x 18 x 1.25 mm. at weight 0.417 kg/Rmt. As per detailed drawings and as directed by Engineer-in-charge with all necessary Aluminium sections fixtures and fastenings such as roller bearing in nylon casting and self locking catch fitted in vertical section of shutter including 5 mm. thick plain glass and aluminium mosquito net shutter with stainless steel jail with all required screws and nuts etc. complete with powder coating without box.	Square Metre
36	21.69	Providing and fixing in position powder coated aluminium louvered windows ventilator of various sizes with powder coating as per detailed drawing and specifications including aluminium frames 80 x 38 milimetre x 1.22 milimetre box type, 5 milimetre thick sheet glass louvers, of approved quality complete.	Square Metre
37	83.04	Supply and installation of 12mm thick toughened glass with laminated film on the glass surface with required power coated aluminium framing as per given the detailed drawings provided in the tender as per architect requirement etc complete. It will be in the pattern of Window With Fixed Glass , Panels & Louvers_ Waiting & Reception Area	Square Metre
38	115.09	Supply and installation of 12mm thick toughened glass with laminated film on the glass surface with required power coated aluminium framing as per given the detailed drawings provided in the tender as per architect requirement etc complete. It will be in the pattern of Window With Fixed Glass , Panels & Louvers_ Waiting & Reception Area	Square Metre
39	300.87	METAL BAFFLE CEILING : Providing & fixing of horizontal level suspended ceiling comprising of Vertical Linear Baffle Ceiling made out of Aluminum Extrusion in Aluminum alloy grade 6063 T5. The baffle blade shall be in size of 100x25x3600mm in powder coated to Woodgrain/Plain finish (Red Oak, Cherry, Black & White).. The baffle shall be electrostatically polyester powder coated to a coating thickness of 60-80 micron. The powder coating shall pass Salt Spray Test for 750 Hours as per ASTM B117, QUV –A Test for 1000hours as per ASTM G-154 – (Cycle – 1) and Humidity test for 1000hours as per DIN 50017. The powder coating shall have an adhesion of GT0 as per EN ISO 2409. The shade variation within a manufacturing batch shall be delta E<1 using Excite/BYK Gardner instrument and gloss level 25±5 at 60° as per ASTM D523 (Not applicable of Wood Grain Shade). The baffle blade shall be suspended using Slotted U-profile of 20 x 30 x 3700mm (Thk-1.5mm) having slots in module of 25mm to keep baffles at an on-center spacing in multiples of 25mm. Longer lengths of Baffle	Square Metre

		<p>to be connected by Baffle Joiner and the ends to be fixed with End caps..SUSPENSION: Shall be hanged using baffle hanger from U-profile made of mild steel with powder coating thickness of 60-80 micron. The U – profile to comprise of alternate square &amp; rectangular slots of 6.5x6.5mm &amp; 28x6.5mm respectively on the web for locking the baffle hanger using plugin clip to secure the hanger in perfect position and achieve uniform spacing between baffles. The overall dimension of the U – profile is 20(W) x 30(H) x 3750(L) mm and is rolled form from 1.5mm thick mild steel with a powder coating thickness of 60- 80micron. U- Profile to be connected to each other using U – Profile Splice. The U- profile shall be hanged from the true ceiling using threaded rod using a U- Profile hanger.</p> <p>The Baffle along with suspension system used together shall carry a 10 year warranty against manufacturing defect and manufacturer shall provide a warranty certificate. The supply shall be backed by a Manufacturing Test Certificate. INSTALLATION:</p> <p>Installation of U-Grid:</p> <p>The U profile to be suspended at every 1200mm center to center using 6mm threaded rod from the structural soffit using U-profile hanger. U-profile splice to be used to join more than one U profiles of length 3.7M. 1st U-Grid Channel must be no more than 400mm from the perimeter.</p> <p>Installation of Baffles:</p> <p>Locate the slot for Baffle Hangers in U Profile section at 1200mm centers. Hangers are inserted into the slot, then rotated 90° and fixed into position by tightening the grub screw. Baffle to be lifted into position and hangers engage over lip of U-Grid Channel. Each Hanger to be secured into position by inserting the Locking Clip. When doing continuous installation, Baffles blades are to be connected at ends with Baffle Joiner, which are inserted into the top and bottom slots of the Baffle closed profile for alignment only. The bottom Joiner to be located first and fastened on one side only. The top Joiner to be fitted then and secured with grub screws on one side. Then the two Baffle sections shall be joined and the top Joiner is screw fastened on the 2nd Baffle profile.</p> <p>End Caps to be located by pushing the End Cap tongues into open Baffle slots. Installation should be carried out as per Manufacturer recommended procedure.</p>	
40	300.87	Supply and Installation of 48kg density Glass wool at any required height for Acoustical purpose at ceilings and wall panelling	Square Metre

41	749.99	<p>Providing and fixing in position Gypsum board false ceiling with 12.5 milimetre thick Gypsum boards, screwed/ fixed to the under structure of suspended galvanised iron Grid constructed and suspended from the main ceiling consisting of ceiling sections of size 25 x 50 milimetre maximum center to center distance of 600 milimetre perimeter channel and intermediate channels at maximum center to center distance 1200 milimetre galvanized grid should be fixed to reinforced cement concrete slab. The gypsum board should be fixed to galvanized iron grid with necessary screws. The boards should be taped and filled from underside to give smooth, seamless ceiling. The rate should include necessary additional ceiling sections and intermediate channels. Additional intermediate channels should be fixed to strap hangers for additional support to prevent strapping at every 1200 milimetre item to be completed in all respect including necessary sleeves for ducts finishing of joints cut outs, painting including labour, material, lifts etc. all complete.</p>	Square Metre
42	60.45	<p>PRIVIDING AND FIXING ANTIMICROBIAL ACOUSTICAL FALSE CEILING: Bioguard Mineral Fibre Acoustical Suspended Ceiling System with 19mm thick Acoustics Microlook 90 Edge Tiles with 15mm face exposed grid. The tiles shall have smooth bright laminated visual with Humidity Resistance (RH) of 99%, NRC 0.7 (Average value of Absorption Co-efficient readings taken at 250 Hz, 500 Hz, 1000 Hz and 2000 Hz) as per ASTM C423 standard, CAC of 41db as per ASTM E1414, Light Reflectance <math>\geq 87\%</math> as per ASTM E-1477, Thermal Conductivity <math>k = 0.052 - 0.057</math> W/mK, Colour Global White, Fire Performance of Class 0/1 as per BS 476 Part6/7 and Class A as per ASTM E 84 with 19mm Square Tegular/Microlook 90° edge and 8mm drop in module size of 600 x 600mm./ 600x1200mm. The scrim on the face of the tile shall be cleanable, washable up to 500 cycle as per ASTM D-4828 and resistant to disinfectants. The tile shall be treated with Anti Microbial coating on the face of the tile to achieve cleanroom classification of class 5 (Class 100) as per ISO 14644-1 and suitable for zone 4 area having partical emission under normal conditions of ISO 5, Decontamination Class of CP10 and Bacteriological Cleanliness Class B1 for specific strains as per NF S 90-35:2003 The tile shall have a rating of 8 or above (face) for tests conducted for Resistance to growth of Mold in accordance to ASTM D3273. It shall be suitable for Green Building application, with Recycled content of 35% having VOC and Formaldehyde emission rate less than 0.1mg/m2/hr. The tile shall have certifications from GRIHA and GreenPro thereby confirming that it is an environment friendly product. SUSPENSION: The tile shall be laid on 15 mm wide T - section flanges colour global white (matching to tile color) having roll formed double stroke rotary stitching on all T sections i.e. the Main Runner, 1200 mm &amp; 600 mm Cross Tees with a web height of 38mm (all sections). The deflection loading of the system shall be 12.5 kg/m2 (as per standard installation layout mentioned below) and main beam tested as per ASTM C635 (Deflection limit less than L/360) with a</p>	Square Metre

		<p>deflection loading of 15kg/m. The end details of the cross tee shall be made of pre hardened steel and fixed to the ends of the cross tee to provide double locking between —cross tee to cross tee and —cross tee to main beam. All main beam to main beam and cross tee to cross tee connection shall have a pull out strength of more than 100kg. The T Sections shall be made of hot dipped galvanized steel of 90 gsm as per IS 277 (2003) and pre-painted steel with baked polyester paint with OT bending capability. All border cross tee/main beam shall be levelled using perimeter fill. INSTALLATION: To comprise main runner spaced at 1200mm securely fixed to the structural soffit using suspension system (specifications above) at 1200mm maximum. The First/Last suspension system at the end of each main runner shall not be greater than 450mm from the adjacent wall along with the first and the last main beam shall be at less than 600mm from the wall.</p> <p>Flush fitting 1200mm long cross tees to be interlocked between main runners at 600mm to form 1200 x 600 mm module. Cut cross tees longer than 600mm require independent support. 600 x 600mm module to be formed by fitting 600mm long flush fitting cross tees centrally between the 1200 mm cross tees.</p> <p>Perimeter trim to be wall angles of size 3000x19x19mm, secured to walls using screws at 450mm centre to centre maximum. Installation shall be carried out as per Manufacturer recommended procedure. SUSPENSION SYSTEM accessories supplied by Manufacturer consisting of M6 Anchor Fasteners with hanger hole, pre-straightened hanger wire of dia – 2.5 mm of 1.80 m length having a tensile strength of 344-413 MPa and a minimum loading strength of 110 kgs. (Optionally, adjustable hook clips made of 0.7mm thick Grade 1 C55 galvanized spring steel of dimension 100 x 20mm and 4 mm aquiline wire to be used for level adjustment during installation purpose in main runners).</p>	
43	100.66	Supply and Installation of UPVC False Ceiling For Entrance Lobby as per Architect detailing ad drawings	Square Metre
44	57.71	<p>PRIVIDING AND FIXING MODULAR ACOUCTICAL WOODEN WALL PANELLING: Of nominal width 100 / 150mm, having 80mm wide panel with 20mm reveal having a thickness of 15mm thickness and length 2400 mm. The panel shall be made of a Moisture resistant fibre board substrate having a minimum density of 595 Kg/m<sup>3</sup> with a laminated facing as per the approved shade (Portland Maple, Sea Beech, Siam Wood &amp; Mystique Walnut) and a melamine balancing layer on the reverse side. The panel shall have 0.7mm PVC edge banding along the length side with a similar finish as that of the face. The back of the panel shall have a black acoustic felt to cover the reveal of 20mm to attain an NRC of 0.4 for 150mm. / 0.5 for 100mm. module (Average value of Absorption Co-efficient readings taken at 250 Hz, 500 Hz, 1000 Hz and 2000 Hz) as per ASTM C423. The panels shall provide a Humidity Resistance (RH) of 70% with camber limit less than 1mm/1000mm and bow less than 1mm/300mm. The back of the panels shall be profile-grooved to</p>	Square Metre

	<p>receive 3600mm special main beam carrier with integrated factory fitted clips for installation. SUSPENSION: The panels shall be upward mounted on 24 mm wide T - section flanges having rotary stitching along the length of the beam with a web height of 43mm. The Main Beam shall have integrated (factory fitted) locking clips installed at 100 / 150mm centre to centre distance. The deflection loading of the main beam tested as per ASTM C635 (Deflection limit less than L/360) shall be at least 21.4kg/m. The end details of the main beam shall be made of pre hardened steel and fixed to the ends with 3 point fixing. All main beam to main beam connection shall have a pull out strength of more than 100kg. The T Sections shall be made of hot dipped galvanized steel of 100 gsm as per IS 277 (2003) and pre-painted steel with baked polyester paint with OT bending capability. Installation should be carried out as per Manufacturer recommended procedure. The grid shall be installed with suspension system of Manufacturer make.</p> <p>The panel &amp; grid system used together shall carry a 1 year warranty against manufacturing defect and manufacturer shall provide a warranty certificate. The panel &amp; grid shall have the manufacturers name embossed/printed on itself. The supply shall be backed by a Manufacturer Test Certificate. CEILING INSTALLATION: Perimeter trim to be wall angles of size 3000x19x19mm, secured to walls at 450 mm maximum centre to centre. Mount the wall angle around perimeter at desired height. Install the main beam with factory fitted locking clip at a level 16mm above the wall angle level. Main beam to be supported from the structure with 1st suspension not more than 300mm from the wall and distance between suspensions to be less than 900mm centre to centre. Each main beam are to be place at 600mm centre to centre with the 1st main beam at not more than 100mm from the wall. Install the panels one-by-one by inserting the profile-groove at the back of the panel in the clips fitted on the main beam. Use a wood splice accessory provided by Manufacturer to join planks. Continue installing rows of planks till the actual length/width is achieved. Place the border panels on the wall angles for a finished visual. Finish the edges using the edge banding tape to cover the cut edge of the panel provided by Manufacturer. SUSPENSION SYSTEM accessories manufactured and supplied by Manufacturer consisting of M6 Anchor Fasteners with hanger hole, pre straightened Hanger wire of dia – 2.5 mm of 1.80 m length having a tensile strength of 344-413 MPa and a minimum loading strength of 110 kgs. Additionally, adjustable hook clips made of 0.7mm thick Grade 1 C55 galvanized spring steel of dimension 100 x 20mm and 4 mm aquiline wire to be used for level adjustment during installation purpose in main runners.</p> <p>WALL INSTALLATION: An appropriate vapour barrier (by others) shall be applied/installed on the vertical surface before the installation to properly seal against entry of any moisture. Vapour barrier (by others) shall be installed as per Manufacturer's</p>	
--	---	--

45	310.50	Providing & Fixing in position, MS fabrication work using angles, sqr tubes, c channels etc for various partition frame as per Design & Instructions & Complete in all aspects . including all materials labour,finishing etc. complete.	Square Metre
46	72.21	CHANNELLED WALL PANELLING OF SIZE: 192 x 2400 x 15 MM Providing and Fixing Channelled perforated panels of width 192mm, thickness of 15mm and length 2400 mm, made of a Moisture resistant fibre board substrate with a laminated facing as per the approved shade (Portland Maple, Sea Beech, Siam Wood & Mystique Walnut, Interior White, Alumina Pearl) and a melamine balancing layer on the reverse side. The boards shall have a special perforation pattern where the reverse surface has a —Helmholtz   fluted perforation with consecutive 3mm wide groove followed by 13mm or 21mm of visible pane (G-13/ G-21). The edges of the panel shall be —tongue-and-grooved   to fix special clips for installation and seamless visual. The back of the perforated panel shall have sound absorbing non-woven Soundtex acoustical fleece hot pressed to achieve NRC of 0.5. for G-21 and 0.6 for G-13. (Average value of Absorption Co-efficient readings taken at 250 Hz, 500 Hz, 1000 Hz and 2000 Hz) as per ASTM C423 and Humidity Resistance (RH) of 70% with camber limit less than 1mm/1000mm and bow less than 1mm/300mm.The panels shall be mounted on special aluminium splines (keel) using inside clips provided by Manufacturer and approved by the Architect/ Engineer-in-Charge.	Square Metre
47	110.00	Providing sand faced plaster externally in cement mortar using approved screened sand, in all positions including base coat of 15 mm. thick in cement mortar 1:4 using waterproofing compound at 1 kg per cement bag curing the same for not less than 2 days and keeping the surface of the base coat rough to receive the sand faced treatment 6 to 8 mm. thick in cement mortar 1:4 finishing the surface by taking out grains and curing for fourteen days scaffolding etc.complete.	Square Metre
48	110.00	Providing & applying two coats of lead/ zinc base oil paint/ bituminous paint of approved colour to new structural steel work and iron work in buildings including scaffolding if necessary, cleaning and preparing the surface etc. complete.(excluding primer coat).	Square Metre
49	2,053.26	Providing and applying pearl/ luster finish paint of approved colour and shade to the existing plastered surface including scaffolding preparing the surface applying acrylic wall putti etc. complete.	Square Metre
50	34.50	Polishing applying malamine polish of required finish to the wood work by spray machine including knotting and preparing the even surface by scraping, applying french polish, scaffolding if required etc. complete. Note: Prior Approval od S.E. will be necessary.	Square Metre

51	91.82	Entrance lobby front wall Cladding work as per architectural drawings and details. Refer architectural drawings before quote for this item.	Square Metre
52	7.39	Providing and constructing granite kitchen platform with fixing of stainless steel sink 600 mm x 450 mm size as per detailed drawing including vertical both side polished kadappah stone 25 to 30 mm thick supports with kadappah top 35 to 40 mm thick and polished granite 16 to 20 mm top with side strips of granite at front and both sides of platform raised with two vertical granite supports 15 cm height and top granite of 75 x 40 cm including cutting, opening for sink of required size in kadappah as well as granite etc. complete.	Square Metre
53	6.00	Providing and making flanged connection for the 100 mm diameter cast iron pipe line including painting rubber insertion, nuts and bolts etc. complete.	Number
54	172.50	Providing and fixing on walls /ceiling /floor 15 milimetre diameter CPVC pipe with necessary fittings, remaking good the demolished portion. Including removing existing pipe line if necessary and conveying and stacking the same in PWD chowky or as directed complete.	Running Metre
55	149.50	Providing and fixing on walls /ceiling /floor 20 milimetre diameter CPVC pipe with necessary fittings, remaking good the demolished portion. Including removing existing pipe line if necessary and conveying and stacking the same in PWD chowky or as directed etc. complete.	Running Metre
56	5	Providing and fixing 15 cm x 10 m salt glazed stoneware gully trap in cement concrete 1:4:8 out side the building including cast iron grating in the sink, connecting glazed stonewre pipe brick masonry chamber with cast iron lid and cast iron grating for the gully trap.	Number
57	92.00	Providing and fixing on walls /ceiling /floor 25 milimetre diameter CPVC pipe with necessary fittings, remaking good the demolished portion. Including removing existing pipe line if necessary and conveying and stacking the same in PWD chowky or as directed etc. complete.	Running Metre
58	14.00	Providing and fixing white european type wall-hung, of size 360 milimetre x 360 milimetre x 575 milimetre with flush valve of approved make including soil pipe, vent pipe upto outside face of wall, 100 milimetre dia C.I. plug bend inlet pipe all fittings, cutting & making good walls, floors etc as directed by Engineer in charge.	Number
59	13.00	Providing and fixing Table top Ivory wash basin of size 120x635x405 milimetre rubber plugs and brass chain, with pillar cock, C.P. Angular stop cock long thread, continental including S.S. bottle trap of approved make having necessary pipe connection up to the outside face of the wall. etc complete as directed by Engineer in charge.	Number

60	9.00	Providing and fixing white glazed urinal of size 710x460x300 milimetre with sensotronic concealed type flushing valve for urinal with complete kit having fittings, inlet pipe with stop tap, brackets for fixing the cistern, 32 milimetre diameter P.V.C. flush pipe with fitting and flushing arrangement including lead soil pipe, lead trap & soil pipe connection upto the outside face of wall etc complete.	Number
61	9.32	Providing and fixing machine cut both side mirror polished 18 mm. to 20 mm. thick telephone black granite/ Amba White/ Cat bary brown/ Ruby Red/ Ocean Brown granite stone partition with rounding the edges etc. complete.	Square Metre
62	57.50	Providing and fixing 75 mm diameter stabiliser pipe/ P.V.C. soil vent/ waste pipe and with necessary fixtuers and fiting such as bends, tees, single junctions slotted vent, clamps etc. complete.	Running Metre
63	115.00	Providing and fixing 100 mm diameter stabiliser pipe/ P.V.C. soil vent/ waste pipe and with necessary fixtuers and fiting such as bends, tees, single junctions slotted vent, clamps etc. complete.	Running Metre
64	11.50	Providing and fixing P.V.C. Rain water pipes of 160 mm outer diameter and having wall thickness of 2.2 to 2.7 mm confirming to I.S. 13592-1992 including proper rainwater receiving recess with P.V.C. plug, bend, necessary fittings, such as, offsets, shoes, including fixing the pipe on wall using approved wooden cleats projecting 25 mm to 40 mm from face of wall a fixing with clips of approved quality and number ,filing the joint using rubber gasket with solvent cement and properly resting the shoe of pipes on C.C. or masonry blocks, including necessary scaffolding and maintenance for 3 yrs for any leakages or dislocations of pipes. All the P.V.C. fittings and additional 2 piece socket clips shall be got approved from engineer in charge etc. complete. (The contractor shall give 3 yrs guarantee bond for payment)	Running Metre
65	11.50	Providing, laying & fixing, jointing Eco-drain 160 mm SN 4 Nu-Drain UPVC pipes or of equivalent make, manufacture as per EN 13476 or equivalent as per I.S.15328 with fittings such a bends, tees, coupler, etc. jointing with rubber lubricant including necessary excavation, trench refilling with selective excavated materialetc. complete.	Running Metre
66	11.50	Providing, laying & fixing, jointing Eco-drain 200 mm SN 4 Nu-Drain UPVC pipes or of equivalent make, manufacture as per EN 13476 or equivalent as per I.S.15328 with fittings such a bends, tees, coupler, etc. jointing with rubber lubricant including necessary excavation, trench refilling with selective excavated materialetc. complete.	Running Metre
67	17.25	Providing, laying & fixing, jointing Eco-drain 315 mm SN 4 Nu-Drain UPVC pipes or of equivalent make, manufacture as per EN 13476 or equivalent as per I.S.15328 and 16098 with fittings such a bends, tees, coupler, etc. jointing with rubber lubricant including necessary excavation, trench refilling with selective excavated material etc. complete.	Running Metre

68	2.00	Providing & constructing Brick Masonry Inspection Chamber 90 cm x 45 cm x 90 cm including 1:4:8 cement concrete foundation 1:2:4 cement concrete channels half round Glazed Stone Ware pipes, Brick Masonry, plastering from inside and with frame fixed in cement concrete with R.C.C. cover medium duty 140 kilogram with frame etc. complete.	Number
69	4.00	Providing & constructing Brick Masonry Inspection Chamber 60 cm x 45 cm with R.C.C. raft in B.C. soil area including cost of reinforcement, 1:2:4 cement concrete channels half round Glazed Stone Ware pipes, Brick Masonry, plastering from inside and airtight 75 mm thick R.C.C. cover medium duty 100 kilogram etc. complete.	Number
70	6.00	Providing and fixing C.P. Angular stop cock with wall flange of approved make including necessary sockets/ union nut etc. complete.	Number
71	4.00	Providing and fixing C.P. pillar cock long neck with aerator of approved make including necessary sockets/union nut etc. complete.	Number
72	13.00	Providing and fixing C.P. Two way BIB cock of approved make including necessary sockets/ union nut etc. complete.	Number
73	34.50	Providing and laying cement concrete pipe of I.S. 458:2003 non pressure-2 class of 450 milimetre diameter in proper line, level and slope including providing and fixing collars in cement mortar 1:2 complete.	Running Metre
74	92.00	Providing and fixing on walls/ ceiling/ floor 50 mm dia. uPVC pipe with necessary fittings, remaking good the demolished portion etc. complete.	Running Metre
75	57.50	Providing and laying in trenches 50mm dai. uPVC pipe including necessary excavation, fittings. Refilling trenches etc. complete. Including removing existing pipe line if necessary and conveying and stacking the same in PWD chowky or as directed etc. complete.	Running Metre
76	2.00	Providing and fixing 50 milimetre diameter water meter with non return valve including strainer, sockets/ union nut and including water meter box making locking arrangement and lock. [ without chamber ]	Number
77	6.00	Providing and fixing in position UPVC ultra violet stabilized 110 mm outer diameter cowl dome confirming to I.S. 4985 including making joints with solvent cement etc. complete.	Number
78	98.46	Providing and applying water proofing treatment using acrylic polymer modified cement based water proofing coating with fibre glass mesh mixing at the rate of powder to liquid (2:1) by weight covering 9 to 10 sqm /kg with two coats using Dr. Fixit or alike of chemicals for masonry and concrete surface by brush covering 7 years guarantee on Stamp Papers etc. complete.	Square Metre

79	20.16	Providing waterproofing in W.C. and bath including brick bat coba in all position including providing and laying 12 mm bedding in cement mortar 1:3 on vergin concrete slab with waterproofing compound @ 1kg/ per bag of cement laying brick bat coba of required thickness in cm 1:5 with waterproofing compound 1 kg/bag of cement grouting and finishing the top layer with 20 mm thick brick bedding in cm mortar 1:3 with waterproofing compound 1 kg/ per bag of cement and testing the treated portion for 48 hours by pond test and covering ten years' guarantee on requisite stamp paper including curing etc. complete.	Cubic Metre
80	79.27	Providing water proof bedding for flooring of Bath and WC 25 mm thick in C.M. 1:3 including using approved water proofing compound in specified proportion as per manufacturers specifications for per bag of cement including leveling, curing and covering 10 years guarantee on court fee stamp paper of Rs.500/- including ponding test etc. complete.	Square Metre
81	5.175	Providing and fabricating structural steel work in rolled sections like joists, channels, angles, tees etc. as per detailed design and drawings or as directed including cutting, fabricating, hoisting, erecting, fixing in position making riveted / bolted /welded connections without connecting plates, braces etc. and including one coat of anticorrosive paint and over it two coats of oil painting of approved quality and shade etc. complete.	Metric Tonne
82	501.97	Providing and fixing Mipolam Ambiance Ultra Everacre or approved equivalent of Tarkett or Armstrong make, 2mm thick homogeneous calendered compacted floor covering in sheet including capping & coving, with non directional design, colour dyed as a raw mixture to ensure even colour throughout the thickness including densely compacted surface for improved wear and ease of maintenance including Level 0 should be ensured with Self leveling compound. This includes providing, laying and curing of average maximum of 5mm thick self leveling compound of Level "0" Indiana floorings or as per manufacture's recommendation below the Vinyl flooring for achieving the smooth, hard and absolutely leveled surface to avoid undulations in the top vinyl flooring. Also it should receive a Polyurethane Reinforced (EVERCARE) special maintenance treatment for ease of maintenance and to avoid the use of an acrylic emulsion after installation. The flooring should comply with the EN 649 (34-43) and has a Group T (K5) wear rating. It is suitable for heavy traffic areas. Weight of the material is 2750 g/m <sup>2</sup> . Procurement and installation of the vinyl flooring shall be started, only after Architects written approval on shade, make and methodology statement submitted by the contractor. the vinyl should be in multiple shades as per design. The installation should be done with gerflor or as per manufacture's recommended welding Rods. The rate shall be inclusive of all labour, material, wastage, scaffolding, transportation, taxes, including all leads, lifts at all levels and shall be as directed by Engineer in charge.	Square Metre

83	9.867	Providing and fixing machine cut machine polished 18 mm. to 20 mm. thick telephone black/ Amba White/ Cat bary brown/ Ruby Red/ Ocean Brown granite stone for treads and risers of steps and staircases of approved colour and shade with rounded moulding and three grooved line for the treads on bed of 1:4 Cement mortar including float filling joints with neat cement slurry curing polishing and cleaning etc. complete	Sqm
84	11.347	Providing leather finished polishing to Granite Stone slab by continuous grinding in 4 coats of different bits to receive rough and matt finish including buffing process before laying and fixing of stone as per drawing and design, including cleaning, washing and finishing etc. complete.	Sqm
85	158.88 0	Providing mirror polishing to Kotah stone Flooring.	Sqm
86	95.110	Providing mirror polishing to Kotah stone Skirting	Rmt
87	200.63	<p><b>Dry wall</b> - Providing &amp; fixing 2hr.fire rated dry wall comprised of GI framing without any joint for fire rated purpose with 12mm thick plywood on both sides and 1mm thick laminate on both sides (without fabrication work made out of hot rolled sections) which will be anchored in the floor and will be anchored at the top to the structural member (Such as Rcc beam/slab/structural beam provided by client) . The wall should withstand lateral pressure of 20 kg/sq. mtr at deflection limit of L/240. The perimeter of the wall will have necessary backer rod &amp; fire rated sealant. As the wall is non load bearing, it is not designed for seismic forces. Cavity of drywall infill with 50mm thick glasswool and density 60 Kg per cum. rockwool insulation with the help of insulation clip.Test certificate for 2hour fire rating to be provided for the system.Certificate of Tested system for Stability-Integrity-Insulation etc. as per detailed design and drawing or as directed by engineer in charge including all leads and lifts materials , labours, and equipment etc.complete.</p> <p>criteria for 120 minutes along with Hose Stream test at Thomas Bell Wright International Consultant Lab as per ASTM E119 (Standard Test Methods for fire tests of building construction and material) and ASTM E 2226 (Standard for application of Hose Stream)</p> <p><b>Preferred Thickness-100mm</b></p>	Square Meter

88	252.96	<p><b>Glass Partiton</b> - Supply and installation of single glazed mullion free demountable glass partition using Toughened/Laminated glass in proprietary natural anodised/Black aluminium sections ALT 50 of size 50mm x 30mm with Concealed sealing (No visible Gaskets/Seals) with acoustic rating of Minimum 32 db with third party test certificate. The profile will have Carpert Groove at the Bottom on both sides for accomodating max. 8mm carpets. The Glass to be fixed with help of Proprietary Stability GRIPPER Clamp to have a stable system.it should consists of intermediate slim junction profiles for Glass to Glass vertical joints, 90 Degree L Junction and T Junction profiles suitably to be used as per room configuration designs. No VISIBLE Clip Lines to provide clutter free view at both side of section. The Glass to be Offset mounted towards outer edge leading to minimum aluminium frame on one side. Optional Profile Bottom Seal pair for additional accoustic if required.</p> <p>Glass thickness 10mm(TSG) All Profiles are min 1.5mm thickness excluding 20 micrans of Anodizing,Supplying and Installing approximately 100mm thick, Modular Tile (mullion and Transom) Based full height partition 3500mm high made out of Extruded powder coated Aluminium Frameworks (minimum of 2mm thick sections ) with combination of single Glazing and Opaque panels, door shutter and skirting. All mullions are fixed with walls, RCC ceiling / beam and floor as per the site condition with adequate chemical anchor fasteners as per the drawing number (A-903).</p> <p>Glazing should be 10mm thick toughened clear float glass fixed with frame work and all necessary accessories. etc. as per detailed design and drawing or as directed by engineer in charge including all leads and lifts materials , labours, and equipment etc.complete.</p> <p><b>Cabin partitions, Middle door opening partitions, External partitions</b></p>	Square Meter
89	151.78	Supply and Fixing the 3M make glass film protection as per Architect requirement etc complete	Sqm

90	32.12	<b>Wooden Doors</b> - The door shutter is factory made 32mm thick solid core Marine Ply flush door shutter conforming to IS 2202 (Part - I); shutter shall be manufactured with exterior quality synthetic adhesive forming marine ply surfaces, internally lipped as per approved manufacturer. Shutter shall be finished on both sides with 1mm thick Matt finish Laminate (with 1mm groove) of approved brand and manufacture, colour and design. The edges of shutter shall be provided with French polished 34 X 12mm thick teak wood beading's all around the shutter, corner jointing at 45 degrees fixed by using exterior quality water proof phenol formaldehyde synthetic resin, headless GI nails, screws. The beading is polished with melamine Polish and corner jointing at 45 degree. The shutter shall be provided with the following makes for each door all complete as per the drawing and directions of the Architect/PMC/Client. All hardware as as per below table and the locks should have Master key and grand master key system as per approval from Client / PMC. All work to be made only after submitting shop drawings and approval from Architect / PMC. etc. as per detailed design and drawing or as directed by engineer in charge including all leads and lifts materials , labours, and equipment etc.complete.Hinges	Square Meter
91	69.5	<b>Glass Door</b> - Providing and fixing 10mm thick toughened glass door of 10 mm thick with all fittings and tools, Hafale floor spring and door handles to be used. etc. as per detailed design and drawing or as directed by engineer in charge including all leads and lifts materials , labours, and equipment etc.complete	Square Meter
92	24.75	Providing & fixing in position Stage flooring Made from 18mm plywood 1200 x 2400 & 18mm Teakwood planks 100 x 800 having tongue & grove on Sal-wood frame of 50 x 100 at 600 mm mm center to center on stage surface including cost of required Cut-Outs, decorative mouldings / finishing-items / polish etc., as per Architectural & Acoustical Design & Instructions & Complete in all aspects. .including all materials labour,finishing etc. complete.	Square Meter
93	23	Providing and fixing 450 mm x 550 mm size superior type Belgium mirror with 16 milimetre diameter nickel plated towel rod etc. complete.	Per Nos
94	20	Design, supply, fabrication and fixing of SS, non glare multilingual Braille (raised dots) entrance signage (size 1 ft x 1 ft) as per the approved design and make,indicating the name of the building. Having 1.2mm thick SS non glare blue coloured base plate with the 'Universal Accessibility Symbol' and Upper case Sans Serif words of height 15mm engraved on it along with the equivalent word/ s written in Hindi using Devnagri script of height 15mm in white colour. Grade 2/ Grade 1 Braille to be etched/ engraved and be raised 0.5mm above base plate.The signage to be installed at the specified location on the compound wall near the site entrance gate installed at a height of 1200 mm from the finished ground/ floor level, using the necessary hardware specified by the manufacturer and to be installed up to the satisfaction of the engineer in charge.	Per Nos

95	1427	Supplying and erecting HMS PVC conduit FRLS grade 25 mm dia. With necessary accessories in wall/floor with chiselling appropriately as per specification No: WG-MA/CC.	m
96	768	Supplying and laying HMS PVC conduit FRLS grade 25 mm dia with necessary accessories in RCC work/false ceiling/false flooring as per specification No. WG-MA/CC	m
97	150	Supplying and erecting HMS PVC conduit FRLS grade 32 mm dia. With necessary accessories in wall/floor with chiselling appropriately as per specification No: WG-MA/CC.	m
98	81	Supplying and laying HMS PVC conduit FRLS grade 32 mm dia with necessary accessories in RCC work/false ceiling/false flooring as per specification No. WG-MA/CC	m
99	670	Supplying and erecting mains with 1x1.5 sq.mm FRLSH copper PVC insulated wire laid in provided conduit/trunking/inside pole/Bus bars or any other places. as per specification No: WG-MA/BW	m
100	670	Supplying and erecting mains with 2x1.5 sq.mm FRLSH copper PVC insulated wire laid in provided conduit/trunking/inside pole/Bus bars or any other places. as per specification No: WG-MA/BW	m
101	1360	Supplying and erecting mains with 1x2.5 sq.mm FRLSH copper PVC insulated wire laid in provided conduit/trunking/inside pole/Bus bars or any other places. as per specification No: WG-MA/BW	m
102	1360	Supplying and erecting mains with 2x2.5 sq.mm FRLSH copper PVC insulated wire laid in provided conduit/trunking/inside pole/Bus bars or any other places. as per specification No: WG-MA/BW	m
103	380	Supplying and erecting mains with 1x4 sq.mm FRLSH copper PVC insulated wire laid in provided conduit/trunking/inside pole/Bus bars or any other places. as per specification No: WG-MA/BW	m
104	380	Supplying and erecting mains with 2x4 sq.mm FRLSH copper PVC insulated wire laid in provided conduit/trunking/inside pole/Bus bars or any other places. as per specification No: WG-MA/BW	m
105	350	Supplying and erecting mains with 1x6 sq.mm FRLSH copper PVC insulated wire laid in provided conduit/trunking/inside pole/Bus bars or any other places. as per specification No: WG-MA/BW	m
106	105	Supplying and erecting mains with 2x6 sq.mm FRLSH copper PVC insulated wire laid in provided conduit/trunking/inside pole/Bus bars or any other places. as per specification No: WG-MA/BW	m
107	245	Supplying and erecting mains with 4x6 sq.mm FRLSH copper PVC insulated wire laid in provided conduit/trunking/inside pole/Bus bars or any other places. as per specification No: WG-MA/BW	m
108	266	Supplying and erecting modular type switch 6A / 10A duly erected on provided plate and box with wiring connections complete.	m

109	113	Supplying and erecting modular type switch one way 16 / 20 A, duly erected on provided plate and box with wiring connections complete with neon indicator.	m
110	35	Supplying and erecting 16 / 20 / 25 A starter (modular range) 2 module for AC unit on provided box complete & duly concealed with necessary material and connected.	m
111	266	Supplying and erecting modular type 3 pin 6A multi socket with safety shutter, duly erected on provided plate and box with wiring connections complete	m
112	148	Supplying and erecting modular type 3 pin 6 / 16A multi socket with safety shutter, duly erected on provided plate and box with wiring connections complete.	Each
113	24	Supplying and erecting modular type telephone socket one gang with safety shutter, duly erected on provided plate and box with wiring connections complete.	Each
114	71	Supplying and erecting modular type computer Jack RJ45 with safety shutter, duly erected on provided plate and box with wiring connections complete.	Each
115	9	Supplying and erecting modular type T.V. socket single outlet, duly erected on provided plate and box with wiring connections complete.	Each
116	53	Supplying and erecting modular type (two module) electronic step regulator for fan, duly erected on provided plate and box with wiring connections complete.	Each
117	109	Supplying and erecting unbreakable concealed type modular switch box with double mounting plate for 1 module duly erected flush to wall with required chiselling and finishing with cement mortar / POP as per required to match the background.	Each
118	75	Supplying and erecting unbreakable concealed type modular switch box with double mounting plate for 2 module duly erected flush to wall with required chiselling and finishing with cement mortar / POP as per required to match the background.	Each
119	38	Supplying and erecting unbreakable concealed type modular switch box with double mounting plate for 3 module duly erected flush to wall with required chiselling and finishing with cement mortar / POP as per required to match the background.	Each
120	28	Supplying and erecting unbreakable concealed type modular switch box with double mounting plate for 6 module duly erected flush to wall with required chiselling and finishing with cement mortar / POP as per required to match the background.	Each
121	70	Supplying and erecting unbreakable concealed type modular switch box with double mounting plate for 12 module duly erected flush to wall with required chiselling and finishing with cement mortar / POP as per required to match the background.	Each

122	67	Wiring for plug on board with Switch socket surface/concealed type, copper wiring and earthing and with modular accessories as per specification No: WGPW/CW	Point
123	224	Point wiring for light/bell hybrid type (Surface type under false ceiling and concealed type for drops & switch boards on walls) in min 20 mm PVC conduit / casing n capping with 1.5 sq.mm. (2+1E) FRLSH grade copper wires, modular type switch, earthing and required accessories as per specification No: WGPW/ HW	Point
124	53	Point wiring for ceiling fan (Surface type under false ceiling and concealed type for drops & switch boards on walls) in min 20 mm PVC conduit / casing n capping with 1.5 sq.mm. (2+1E) FRLSH grade copper wires, modular type switch, earthing and required accessories as per specification No: WG-PW/HW	Each
125	141	Secondary point wiring for additional light/ bell point in PVC trunking (casing-capping) with 1.5 sq.mm (2+1E) FRLSH grade copper wire with required accessories as per specification No: WG-PW/SW	Each
126	42	Supplying and erecting LED square / circular Max. 7W down lighter/ Panel Light having pressure die-cast aluminium housing, polystyrene diffuser having system lumens output of Min. 770 Lumens, min. efficacy of 110 lumen/W, CRI>80, CCT upto 6500K, Beam Angle of 120 deg., max. ripple of 5%, THD<10%, p.f. >0.95, operating range of 120-270V, surge protection of 2.5 kV, Life class of 50,000 Hrs. at L70B50, including driver, having mounting arrangement with board for surface type or spring loaded mounting clips complete with 3 years warranty.	Each
127	226	Supplying and erecting LED square / circular Max. 14 W down lighter/Panel Light having pressure die-cast aluminium housing, polystyrene diffuser having system lumens output of Min. 1500 Lumens, min. efficacy of 110 lumen/W, CRI>80, CCT upto 6500K, Beam Angle of 120 deg., max. ripple of 5%, THD<10%, p.f. >0.95, operating range of 120-270V, surge protection of 2.5 kV, Life class of 50,000 Hrs. at L70B50, including driver, having mounting arrangement with board for surface type or spring loaded mounting clips complete with 3 years warranty.	Each
128	4	Supplying and erecting LED Panel Light(600mm X 600mm) Max. 30 W having CRCA powder coated housing, polystyrene diffuser having system lumens output of Min. 3600 Lumens, min. efficacy of 120 lumen/W, CRI>80, CCT upto 6500K, Beam Angle of 120 deg., max. ripple of 5%, THD<10%, p.f. >0.95, operating range of 120-270V, surge protection of 2.5 kV, Life class of 50,000 Hrs. at L70B50 including driver, having mounting arrangement with board for surface type or spring loaded mounting clips complete with 3 years warranty.	Each

129	16	Supplying and erecting anodized aluminium corridor / passage light LED fitting (4 feet) Max. 22W with high transitivity diffuser with system lumens output of Min.2200 lumens , min. efficacy of 100 lumen/W, CRI>80, CCT upto 6000K, Beam Angle of 110 deg., Ripple<5%, THD<10%, p.f. >0.95, operating range of 200-270V, surge protection of 2 kV, Life class of 50,000 Hrs. at L70B50, including driver, with end caps on provided PVC Block / wooden board with 3 years warranty.	Point
130	11	Supplying and erecting anodized aluminium corridor / passage / mirror light LED fitting (2 feet) Max. 12W with high transitivity diffuser with min. system lumens output of 1200 lumens, min. efficacy of 100 lumen/W, CRI>80, CCT upto 6000K, Beam Angle of 110 deg., Ripple<5%, THD<10%, p.f. >0.95, operating range of 200-270V, surge protection of 2 kV, Life class of 50,000 Hrs. at L70B50, including driver with end caps on provided PVC Block / wooden board with 3 years warranty.	Point
131	12	Supplying & erecting 10-12W, 230V integral type LED Lamp suitable for B-22 / E-27 base.	Each
132	20	Supplying and erecting ding dong / electronic musical type call bell with heavy duty coil suitable to operate on 230V A.C. supply erected on polished double wooden block/sunmica block of suitable size.	Point
133	13	Supplying and erecting fresh air cum exhaust fan of light duty 250 V A.C. 50 cycles 300mm. 1400 RPM rust proof body & blades, wire mesh, duly erected, complete.	Point
134	53	Supplying and erecting Energy Saving BLDC Ceiling fan 230 V A.C. 50 cycles 1200 mm, max. energy consumption of 28W having service ratio (CMM/W) of Min. 8 , PF>0.9, THD<10% with IR remote control/compatible speed regulator, Temperature Rise of Max. 40 deg. C, having external mounted control PCB completely erected in position as per specification no. FG-FN/CF	Point
135	53	Supplying and erecting fan hook of 10 mm. M.S. round bar grouted in RCC slab with making the site as original.	Point
136	53	Supplying and erecting 'B' class G.I .pipe / M.S. pipe down rod duly painted for fan complete erected with PVC three core flexible cable 1 sq. mm copper PVC wire.	Point
137	21	Supplying and erecting cabin fan of A.C. 230 V. 50 cycles 250 mm. /300 mm. sweep complete with necessary brackets for fixing cabin fans, wire etc.	Each
138	1	Supplying, erecting, testing and commissioning self contained water cooler 230/250V 50Hz nominal cooling capacity of 80 litres per hour and storage capacity 120 litres with partially stainless steel body as per specification no. AP-WCR/WC	Each

139	1	Supplying and erecting ultra violet storage type water purifier (RO+UV+UF) with softener for safe drinking water consisting of UV germicidal tube of 8W capacity choke made of copper wire and two indicator lamps with output of purified water minimum 0.33 litre/min with activated carbon filter and softener operating on 230V, single phase A.C. supply with UV fail & filter change indication system .(for TDS more than 200)	Each
140	3	Supplying, erecting, testing and commissioning of 3kVA capacity online pure sine wave with backup time of one hrs. PWM & IGBT based UPS with 0.8 to unity output pf, single phase input & 1 phase output complete with all protections as per specification no. AP-UPS	Each
141	48	Supplying and erecting 12 V/26Ah SMF battery with battery terminal wire, duly charged complete with 24 months warranty complete	Each
142	228	Supplying, erecting & marking SPMCB 6A to 32A, C-series with rated short - circuit breaking capacity (Icn) 10kA in provided distribution board as per specification no. SW-SWR/MCB	Each
143	66	Supplying, erecting & marking SPMCB 6A to 32A, B-series with rated short - circuit breaking capacity (Icn) 10kA in provided distribution board as per specification no. SW-SWR/MCB	Each
144	21	Supplying, erecting & commissioning 2 pole RCCB 16/25A, electromagnetic type with 30/100/300 mA sensitivity with earth leakage trip indication complete as per specification no. SW-RCCB.	Each
145	6	Supplying, erecting & marking TPMCB 6A to 32A, with rated short - circuit breaking capacity (Icn) 10kA in provided distribution board as per specification no. SW-SWR/MCB	Each
146	6	Supplying, erecting & marking TPMCB 40A to 63A, with rated short - circuit breaking capacity (Icn) 10kA in provided distribution board as per specification no. SW-SWR/MCB	Each
147	18	Supplying, erecting & marking FPMCB 6A to 32A, with rated short - circuit breaking capacity (Icn) 10kA in provided distribution board as per specification no. SW-SWR/MCB	Each
148	4	Supplying, erecting & marking FPMCB 40A to 63A, with rated short - circuit breaking capacity (Icn) 10kA in provided distribution board as per specification no. SW-SWR/MCB	Each
149	18	Supplying & erecting triple pole and neutral distribution board (TPNDB), SPMCB of 4 ways/phase (12 poles), with door, 1.2mm thickness, surface/flush mounted, IP 43 protection on iron/GI frame (horizontal busbar type) as per specification no. SW-SWR/MCBDB	Each
150	8	Supplying & erecting triple pole and neutral distribution board (TPNDB), SPMCB of 8 ways / phase (24 poles), with door, 1.2mm thickness surface/ flush mounted, IP 43 Protection on iron/GI frame (horizontal busbar type) as per specification no. SW-SWR/MCBDB	Each

151	1	Supplying & erecting triple pole and neutral distribution board (TPNDB), 3 pole/4 pole MCCB as incomer & outgoing SP MCB (36 poles) or TP MCB of 12 ways (36 poles), with door, 1.2mm thickness, surface/flush mounted, on iron/GI frame (vertical busbar type) as per specification no. SW-SWR/MCBDB1	Each
152	1	Providing & erecting 4 Pole MCCB, 415V, 200A, rated short-circuit breaking capacity 25 kA (Ics=100% of Icu), adjustable thermal (overload) setting and adjustable magnetic setting with provided leads, provision for installation of shunt/UV/trip alarm contact and MCCB should have phase barriers both sides, with insulation withstand capacity 800V, no line-load bias in provided enclosure/panel as per specification no. SW-SWR/MCCB	Each
153	50	Providing & erecting hot dipped galvanised perforated type cable tray manufactured from 16 SWG (1.6 mm thick) GI sheet of 150 mm width & 75 mm height complete with necessary coupler plates & hardware.	Rmt
154	50	Providing & erecting hot dipped galvanised cover suitable for perforated type Cable tray manufactured from 18 SWG (1.2 mm thick) GI sheet of 150 mm width & 20 mm height complete with necessary hardware.	Rmt
155	50	Supplying and erecting iron work, sheet metal work consisting of CRCA sheets, various sections of iron, plates, chequered plates, rods, bars, MS pipes, etc. for panel board or any other purpose with bending, cutting, drilling and welding complete erected at the position with necessary materials duly painted with one coat of red oxide and two coats of enamel paint to match the switchgears or as per directions by the authority. (Inverter Battery Rack/ 50 kg -7 Nos)	Kg
156	7	Providing earthing with galvanized iron earth plate size 60 x 60 x 0.6 cm with funnel with a wire mesh for watering and brick masonry block C.I. Cover complete with all materials, testing & recording the results as per specification no. EA-EP	Each
157	30	Supplying and erecting GI strip of required size used for earthing on wall and/or any other purpose with necessary GI clamps fixed on wall painted with insulating and non-corrosive bond with required joints As per specification no. EA-EP.	Each
158	50	Supplying, erecting & terminating FR XLPE insulated, galvanised steel formed wire armoured (strip) cable 1100 V, 3½ core 95 sq. mm. aluminium conductor complete erected with glands & lugs, on wall/ trusses/pole or laid in provided trench/ pipe as per specification no. CB-LT/AL	Mtr
		<b>Telephone System</b>	
159	480	Supplying & erecting 2 pair telephone copper cable 0.5 mm dia. with high density polyethylene insulation, polyester taped, Nylon Rip Cord & grey colour sheathed with FR PVC, conforming to ITD specification S/WS 113C laid in provided PVC casing capping/conduit as per specification No. WG-TW (	Mtr

160	110	Supplying & erecting 10 pair telephone copper cable 0.5 mm dia. with high density polyethylene insulation, polyester taped, Nylon Rip Cord & grey colour sheathed with FR PVC, conforming to ITD specification S/WS 113C laid in provided PVC casing capping/conduit as per specification No. WG-TW	Mtr
161	70	Supplying & erecting 100 pair, 0.5 mm dia. jelly filled armoured telephone copper cable with poly-al laminate moisture barrier, polythene sheathed, G.S.Tape armoured polythene jacketed having laid in provided trench as per specification No. WG-TW	Mtr
162	1	Supplying, erecting & commissioning MDF Box 100x100 pairs made from min. 1.5mm thick MS sheet as per specification no. WG-TW	Mtr
163	3	Supplying, erecting & commissioning 10 pairs FR junction box with moulded plastic enclosure as per specification no. WG-TW	Mtr
164	1	Supplying and installing, testing & commissioning of digital (hybrid) type EPABX of 6 x 32 extensions suitable upto 96 extensions complete.	Each
165	23	Supplying, installing, testing & commissioning push button telephone instrument desk top unit as per specification complete	Each
166	1	Supplying, installing, testing & commissioning IP telephone instrument as per specification complete.	Each
		Networking	
167	1500	Supplying and installing cat-6 cable suitable for networking as per specification no. WG-COC/NC	Each
168	142	Supplying and fixing 1 m UTP patch cord of Cat 6 type in position as per specification No. WG-COC/PC	Each
169	4	Supplying, fixing, and configuring 24 ports with 4 (SFP+) port, ethernet managed switch with web view/CLI, 6KV surge protection on ethernet port and console port for management in provided rack as per specification no. WGNWC/ GBS	Each
170	4	Supplying, fixing, and configuring broadband ADSL router with all accessories, on provided rack or as directed as per specification No. WG-NWC/ADSL	Each
171	4	Supplying and fixing 24 port patch panel with tool-less keystone jacks in provided U Rack complete as per specification no. WG-NAS/PP	Each
172	3	Supplying and fixing 6U wall mount rack (Dimension-DxWxH – 500x600x367 mm) as per specification No. WG-NAS/RAK	Each
173	1	Supplying and fixing 9U wall mount rack (Dimension-DxWxH – 500x600x500 mm) as per specification No. WG-NAS/RAK	Each

174	8	Supplying and erecting 3m HDMI cord low voltage grade minimum 4k compliant to be laid in provided conduits with male/female 19 pin HDMI connectors complete.	Each
175	1	Supplying and erecting 5m HDMI cord low voltage grade minimum 4k compliant to be laid in provided conduits with male/female 19 pin HDMI connectors complete.	Each
176	1	Supplying & erecting Carbon Dioxide (CO2) fire extinguisher of 4.5 kg. capacity cartridge type conform to IS 2878 /15683 complete erected with necessary clamp made from 50 x 6 mm. M. S. flat with nut & bolts routed in wall complete.	Each
177	6	Supplying and erecting ABC powder type fire extinguisher as per IS : 13849 /15683 of 6 kg capacity with necessary clamp for erection on wall.	Each
<b>FAS</b>			
178	1	Supplying, installing, testing and commissioning of 2 Zones Microprocessor based conventional fire alarm control panel (FACP) with standard accessories , 16x2 Character LCD Display, provision for zone wise contact and beep sound alarm, suitable to operate on 120-220 V AC, 0 - 49 Deg C, 93 ± 2 Percentage RH (non- condensing) at 32 ± 2 Deg C complete as per specification no. FF-FAAS/FACP	Each
179	43	Supplying, erecting testing and commissioning optical type smoke detector on suitable back box with necessary connections complete as per specification no. FF-FAS/SD	Each
180	1	Supplying, erecting testing and commissioning heat detector with combination "ROR and Fixed Temp." complete as per specification no. FF-FAS/HD	Each
181	5	Supplying, erecting, testing and commissioning manual call point (Pill box) with break glass push button and flip abort switch or agent release switch in metal enclosure complete as per specification no. FF-FAAS/MCP	Each
182	5	Supplying, erecting, testing and commissioning hooters having high (100dB @ 1m) and low (94dB @ 1m) volume setting, group addressing facility allowing multiple sounders to be activated with CRCA enclosure complete as per specification no. FF-FAAS/HTR	Each
183	10	Supplying, installing, testing and commissioning remote response indicators suitable to operate on 5 - 28 V dc supply having FR Polymer ABS Housing complete as per specification no. FF-FAAS/RRI	Each
184	378	Supplying, installing, testing and commissioning FRLS, XLPE armoured cable 2 core 1.5 sq.mm. copper conductor complete erected on wall/ ceiling complete as per specification no. CB-LT/CU	m
185	250	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

186	1	Supplying, erecting, testing and commissioning 120 W amplifier suitable to operate on 230 Volts A.C. / 12 Volts D.C. supply complete as per specification no. FF-PA/AFR	Each
187	8	Supplying, erecting, testing and commissioning 15 Watts sound column or ceiling mounted complete as per specification no. FF-PA/SOC	Each
188	1	Supplying, erecting, testing and commissioning stand mounted/handheld type wired microphone having 2 mV/Pa sensitivity, impedance level limit 300 ohms and 50 - 16000 Hz suitable to operate in -10 deg C to +55 deg C with min. 7 metre shielded cable and 3 Pin Professional XLR Connector, stereo jack complete as per specification no. FF-PA/MIC	Each
189	1	Supplying, erecting, testing and commissioning rust free microphone table stand of chrome plating / powder coating or S.S. material, up to 500 mm height and suitable base for sturdy mechanism ensuring trouble free movement complete.	Each
190	10	Supplying, erecting, testing and commissioning of 2 core shielded cable complete as per specification no. FF-PA/MCC	M
191	300	Supplying, erecting, testing and commissioning of 1.5 sq. mm speaker wire complete.	M
192	1	Supplying, erecting, testing and commissioning rust free microphone table stand of chrome plating / powder coating or S.S. material, up to 500 mm height and suitable base for sturdy mechanism ensuring trouble free movement complete.	Each
193	10	Supplying, erecting, testing and commissioning of 2 core shielded cable complete as per specification no. FF-PA/MCC	M
194	300	Supplying, erecting, testing and commissioning of 1.5 sq. mm speaker wire complete.	M
195	3399	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
196	1	Supplying and erecting 3m HDMI cord low voltage grade minimum 4k compliant to be laid in provided conduits with male/female 19 pin HDMI connectors complete	Each
197	6180	Supplying and installing cat-6 cable suitable for networking as per specification no. WG-COC/NC	m
198	208	Supplying and fixing 1 m UTP patch cord of Cat 6 type in position as per specification No. WG-COC/PC	Each
199	1	Supplying, fixing, and configuring 24 ports, POE switch in provided rack as per specification No. WG-NWC/ENS	Each
200	412	Supplying, installing and testing UTP connector (RJ-45) as per specification No. WG-NAS/UTPC.	Each
201	1	Supplying and fixing 24 port patch panel with tool-less keystone jacks in provided U Rack complete as per specification no. WG-NAS/PP	Each

202	1	Supplying and fixing 6U wall mount rack (Dimension-DxWxH – 500x600x367 mm) as per specification No. WG-NAS/RAK	Each
203	1	Supplying & erecting 4 TB internal Surveillance HDD suitable for SATA Port of NVR, interface transfer rate 6 GB/S, Maximum sustained transfer rate 150MB/Sec to 180MB/S. Drive bay supported 08+, Cameras supported up to 64, Cache (MB) 64, 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	Each
204	200	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
205	300	Supplying and installing cat-6 cable suitable for networking as per specification no. WG-COC/NC	m
206	6	SITC of biometric access control device (fingerprint + RFID + PIN) with inbuilt controller, TCP/IP enabled of following specifications Authentication: Fingerprint + RFID Card + PIN User capacity: Minimum 3,000 users Transaction log: Minimum 1,00,000 records Communication: TCP/IP, USB backup Display: TFT/LCD screen Operating temperature: 0°C to 50°C Make: Reputed OEM (e.g., eSSL / Matrix / Hikvision or equivalent)	Each
207	6	SITC of Electromagnetic lock (600 lbs holding force) with mounting bracket of following specifications Holding force: Minimum 600 lbs Voltage: 12V DC Fail-safe type Aluminum anodized housing With LED indication and door status sensor	Each
208	6	SITC of Exit push button (NO/NC type) with SS faceplate of following specifications Stainless steel body Flush/Surface mount NO/NC contact Life cycle: >5 lakh operations	Each
209	6	SITC of Door closer (heavy duty, ISI marked)	Each
210	6	SITC of Power supply unit (12V DC SMPS with battery backup) of following specifications Input: 230V AC, 50Hz Output: 12V DC regulated With battery backup (minimum 4 hours) Protection: Overload, short circuit	Each

211	1	SITC of Software license (Access management system, multi-door support) Centralized access control software Real-time monitoring Report generation (attendance/logs) Multi-door scalability Role-based access control	Job
212	6	SITC of biometric access control device (fingerprint + RFID + PIN) with inbuilt controller, TCP/IP enabled of following specifications Authentication: Fingerprint + RFID Card + PIN User capacity: Minimum 3,000 users Transaction log: Minimum 1,00,000 records Communication: TCP/IP, USB backup Display: TFT/LCD screen Operating temperature: 0°C to 50°C Make: Reputed OEM (e.g., eSSL / Matrix / Hikvision or equivalent)	Each
213	6	SITC of Electromagnetic lock (600 lbs holding force) with mounting bracket of following specifications Holding force: Minimum 600 lbs Voltage: 12V DC Fail-safe type Aluminum anodized housing With LED indication and door status sensor	Each
214	6	SITC of Exit push button (NO/NC type) with SS faceplate of following specifications Stainless steel body Flush/Surface mount NO/NC contact Life cycle: >5 lakh operations	Each
215	6	SITC of Door closer (heavy duty, ISI marked)	Each
216	6	SITC of Power supply unit (12V DC SMPS with battery backup) of following specifications Input: 230V AC, 50Hz Output: 12V DC regulated With battery backup (minimum 4 hours) Protection: Overload, short circuit	Each
217	1	SITC of Software license (Access management system, multi-door support) Centralized access control software Real-time monitoring Report generation (attendance/logs) Multi-door scalability Role-based access control	Job
218	2	RECEPTION DESK As per order: 1500W X 725D X 740H - WORK SURFACE made of 25mm Thick Pre-laminated twin board of high quality Wood and approved shade confirming to Edge banded with matching 2 mm thick PVC lipping.	nos

		<p>- WIRE MANAGEMENTU-Access Flap along with a Grommet is provided on work surface for wire management. Power box made with 0.8 mm thick CRCA OR EQUIVALENT GRADE STEEL, with Electric switch plate of 8+3 Module which is fixed with worktop along the width at Access Flap position. Wire Riser made of 0.8mm CRCA or equivalent grade steel is provided for proper wire management.</p> <p>- Modesty Panel &amp; Side Skirting - Made of 25mm Thick Pre-laminated twin board of high quality wood and approved shade, Edge banded with matching 2 mm thick PVC lipping.</p> <p>- Under Structure and TOP shelf – Made of 18 mm Thick Pre-laminated twin board of high-quality wood and approved shade, Edge banded with matching 2 mm thick PVC lipping</p> <p>- Hinge Door + Drawer unit - Made of 18mm Thick Pre-laminated twin board of high quality wood and approved shade, Edge banded with matching 2 mm thick PVC lipping. Drawer bottom is made of 5.5thick MDF whiteboard Handle is provided for ease of opening. HDU and Drawer are provided with cam lock for security.</p> <p>- Organizer Plate made of 1.2mm CRCA or equivalent grade steel is provided for magnetic sticky notes.</p>	
219	33	<p>3-Seater 4 Arms Common Seater Scratch-resistant seats soft-skin PU seat and backrest are not only comfortable but also scratch-resistant, keeping the seating looking fresh and clean—even in high-use areas. Durable armrests and legs Made from die-cast aluminium, the armrests and legs offer both strength and style, ensuring users feel supported while adding a polished finish to the seating. Standard Size</p>	Nos
220	119	<p>Workstation Chair-1 SEAT/BACK ASSEMBLY: The seat is made up of 1.5 thick hot-pressed plywood and upholstered with fabric upholstery covers and moulded Polyurethane foam. The seat has extra thick foam on front edge to give comfort to popliteal area. The Back is injection moulded in glass filled Polypropylene which is upholstered with Mesh fabric. The back consist of adjustable lumbar support made of injection moulded Polypropylene having an adjustment of 5.0 The chair seat &amp; back size are SEAT SIZE- 53.5 cm. (W) x 51.0 cm. (D) *MESH BACK SIZE- 51.0 cm. (W) x 70.0 cm. (H) HIGH RESILIENCE (HR) POLYURETHANE FOAM The HR polyurethane seat foam is moulded with density 45 kg/m<sup>3</sup> and hardness 16 kgf ARMRESTS: The height adjustable armrest is made of glass filled Nylon and can be adjusted to 6,0cm height. It also has swivel and To and Fro adjustment with moulded PU armtop. CENTER TILT SYNCHRO MECHANISM WITH SEAT SLIDE &amp; MULTI LOCK: The mechanism is designed with the following features: 360° revolving type. 3 position locking with anti shock mechanism. Seat depth adjustment of 6.0 cm. can be locked in 6 positions.Tilt</p>	Nos

		<p>tension adjustment.</p> <p>PNEUMATIC HEIGHT ADJUSTMENT: The pneumatic height adjustment with an adjustment stroke of 9.5</p> <p>PEDESTAL ASSEMBLY: The pedestal is High Pressure Diecast polished Aluminium and fitted with 5 nos, twin wheel castors. The pedestal pitch-center dia is Ø65.0</p> <p>TWIN WHEEL CASTORS: The twin wheel soft castors are injection moulded in black Nylon with PU lining, having 6.0cm wheel Diameter.</p>	
221	1	<p>Table-1</p> <p>Table size - 1800x2100x750</p> <ul style="list-style-type: none"> <li>- Supplying and placing in position Main Table, of dimension 1800x2100x750 mm.</li> <li>- Primary Work Surface Made of 25mm thick MDF one side pre-laminate board with 0.4mm PVC.</li> <li>- Secondary Work Surface Made of 25mm thick MDF one side pre-laminate board with 0.4mm PVC.</li> <li>- Under structure Made of 25mm Thick Pre-laminated twin board of high quality wood, Edge banded with matching 2 mm thick PVC lipping. Integrated Pedestal Made of 25mm Thick Pre-laminated twin board of High-Quality Wood, Edge banded with matching 2 mm thick PVC lipping.</li> <li>-Drawer fronts made of 25mm thick MDF one side pre-laminate board with 0.4mm PVC membrane pressed on to top. Pedestal construction is BOX-BOX-FILE type which Uses powder coated 400 MM long metal Panel Drawer Slides. Drawer extension is 325 MM. Drawers have a soft closing &amp; anti slam mechanism. Handles are provided for ease of opening. Pedestals are provided with lock for security.</li> </ul> <p>Vendor should submit detail shop drawing with all dimensions.</p>	Nos

222	1	<p>Leatherette Chair</p> <p>SEAT/BACK ASSEMBLY : The Cushioned seat should be made of Injection molded Plastic outer &amp; inner. Plastic Inner should be upholstered with leatherette and moulded High Resilience (HR) Polyurethane foam of Density 45 kg/m<sup>3</sup>, and hardness load 16 . The Cushioned back should be made of PU Foam with insitu molded MS E.R.W Round Tube of size 1.9cm x 0.16 cm. It upholstered with Leatherette.</p> <p>Seat SIZE : 47.0 cm. (W) x 48.0 cm. (D)</p> <p>MID BACK SIZE: 47.7 cm. (W) x 60.1 cm. (D)</p> <p>ARMRESTS : The armrest top should be moulded from polyurethane(PU) and mounted on to a drop lift adjustable type tubular armrest support made of 03.81 cm x 0.2cm thk M.S. E.R.W tube having chrome plated finish. The armrest height adjustable up to 6.5cm .</p> <p>ACTIVE BIO-SYNCHRO MECHANISM : The adjustable tilting mechanism should be designed with the following features:</p> <ul style="list-style-type: none"> <li>• 360' revolving type. • Front-pivot for tilt with feet resting on ground and continuous lumbar support ensuring more comfort. • Tilt tension adjustment can be operated in seating position.</li> <li>• The mechanism housing should be made up of HPDC Aluminium black powder coated.</li> </ul> <p>SEAT DEPTH ADJUSTMENT: Seat depth adjustment should be integrated in the seat through a sliding mechanism. Seat depth adjustment range should be of 6.0 cm.</p> <p>ADJUSTABLE BACK SUPPORT : Back Frame should be connected to the Up/Dn mechanism housed in Plastic T spine. It can be adjusted in the range of 7.42 cm for the comfortable back support to suit individual need.</p> <p>PNEUMATIC HT. ADJUSTMENT : The pneumatic ht adjustment has an adjustment stroke of 10.0 cm.</p> <p>PEDESTAL ASSEMBLY: The pedestal should be High Pressure Die cast polished Aluminium and fitted with 5 nos. twin wheel castors. The pedestal should be 65.0 cm. pitch-center dia.(75.0 cm. With castors.)</p> <p>TWIN WHEEL CASTORS: The twin wheel castors should be injection moulded in black PP having 6.0cm wheel Diameter.</p> <p>Overall Dimensions of Chair</p> <p>Seat Height -43.1-53.1cm</p> <p>Height -96.5-114.0.cm.</p> <p>Width &amp; Depth of Chair as measured from base - Width-76.1 cm and Depth-76.1 cm</p>	Nos
-----	---	---	-----

223	3	<p>Visitor Chair  SEAT /BACK ASSEMBLY : The Cushioned seat should be made of Injection molded Plastic outer &amp; inner. Plastic Inner should be upholstered with leatherette and moulded High Resilience (HR) Polyurethane foam of Density 45 kg/m<sup>3</sup>,and hardness load 16 kgf . The Cushioned back should be made of PU Foam with insitu molded MS E.R.W Round Tube of size 1.9cm x 0.16 cm. It upholstered with Leatherette.  Seat SIZE : 47.0 cm. (W) x 48.0 cm. (D)  BACK SIZE: 47.7 cm. (W) x 60.1 cm. (D)  Visitor TUBULAR FRAME: The tubular frame should be cantilever type and made of Ø2.54 cm X 0.02 cm thick SS 202 tube. The back should be connected to frame through chrome plated high pressure die case connector piece.  Overall Dimensions of Chair  Seat Height -44.8cm  Height -98.2cm.  Width &amp; Depth of Chair as measured from base - Width-60.9 cm and Depth-64.2 cm</p>	Nos
224	1	<p>Center Table  CENTER TABLE GLASS: It is 10 mm thick black tinted Toughened glass UV glued with bushes made in SS 202 grade for fixing with understructure.  CENTER TABLE UNDERSTRUCTURE: It is a welded Assembly made in SS202 grade  Dia. 12  Width of table= 112.0 cm, Depth=60.0 cm, height=34.9 cm.</p>	Nos
225	1	<p>3 Seater Sofa  - Seat is made up of PU foam in Density 28 kg/cu.mtr with an additional top layer of super soft PU foam furnished with fabric or leatherette. (Vendor to submit foam density and hardness laboratory test certificate)  - Back is made up of PU foam in Density 28 kg/cu. mtr with two additional top layer of super soft foam furnished with fabric or leatherette.  - Under structure is made up of 1.2 cm. thick hot-pressed plywood with moisture resistance &amp; termite proof.  -6 nos. per seat &amp; 3.8mm Dia zigzag spring assembly is mounted over under structure for cushioning purpose.  - Stainless steel (grade SS 202) o equivalent grade tube welded Leg Assembly with plastic endcap of 206 x 90 x 85 cm Seat Height 45cm.  Vendor should submit detail shop drawing with all dimensions.</p>	Nos

226	1	<p>Conference Table-1 1800 x 900 x 750</p> <ul style="list-style-type: none"> <li>-Work Surface made of 25mm Thick Pre-laminated twin board with a high-quality wood matching 2 mm thick PVC lipping; Plastic access flap is provided for easy access to wires and cables</li> <li>- Under Structure consists of 18mm Thick Pre-laminated twin board wood matching 2 mm thick PVC lipping</li> <li>- Modesty Panel-Made of 18mm Thick Pre-laminated twin board of wood matching 2 mm thick PVC lipping</li> <li>- Powder coated accent metal strip provided below work surface made of 0.8mm CRCA or equivalent grade steel or equivalent steel, epoxy polyester powder coated (DFT 40-60 microns). (Vendor to submit powder coating laboratory test certificate)</li> <li>-Wire Management- An array of panels made of 0.8mm CRCA or equivalent grade steel or equivalent, epoxy polyester powder coated (DFT 40-60 microns) is used for flow of wires and cables. Provision to mount 6 module electric switch plate is provided below worktop. Cut-out on top with two-piece injection moulded plastic part polymer component is fitted to pull out audio, video cables onto worktop and connect devices charger to power socket below worktop.</li> </ul> <p>Vendor should submit detail shop drawing with all dimensions.</p>	Nos
227	27	<p>Executive Chair</p> <p>Supplying and placing in position of SEAT/BACK ASSEMBLY : The Cushioned seat should be made of Injection molded Plastic outer &amp; inner. Plastic Inner should be upholstered with leatherette and moulded High Resilience (HR) Polyurethane foam of Density <math>45 \pm 2</math> kg/m<sup>3</sup>, and hardness load 16 kgf as per for 25% compression. The Cushioned back should be made of PU Foam with insitu molded MS E.R.W Round Tube of size 1.9cm x 0.16 cm. It upholstered with Leatherette. Seat SIZE : 47.0 cm. (W) x 48.0 cm. (D) MID BACK SIZE: 47.7 cm. (W) x 60.1 cm. (D) ARMRESTS : The armrest top should be moulded from polyurethane(PU) and mounted on to a drop lift adjustable type tubular armrest support made of 03.81 cm x 0.2cm thk M.S. E.R.W tube having chrome plated finish. The armrest height adjustable up to 6.5cm ACTIVE BIO-SYNCHRO MECHANISM : The adjustable tilting mechanism should be designed with the following features: • 360' revolving type. • Front-pivot for tilt with feet resting on ground and continuous lumbar support ensuring more comfort. • Tilt tension adjustment can be operated in seating position. • 5-position Tilt limiter giving option of variable tilt angle to the chair. • Seat/back tilting ratio of 1: 2 • The mechanism housing should be made up of HPDC Aluminium black powder coated. SEAT DEPTH ADJUSTMENT: Seat depth adjustment should be integrated in the seat through a sliding mechanism. Seat depth adjustment range should be of 6.0 cm. ADJUSTABLE BACK SUPPORT : Back Frame should be connected to the Up/Dn mechanism housed in Plastic T spine. It can be adjusted in the range of 7.42 cm for the comfortable back support to suit</p>	Nos

		<p>individual need.</p> <p>PNEUMATIC HT. ADJUSTMENT : The pneumatic ht adjustment has an adjustment stroke of 10.0 cm.</p> <p>PEDESTAL ASSEMBLY: The pedestal should be High Pressure Die cast polished Aluminium and fitted with 5 nos. twin wheel castors. The pedestal should be 65.0 cm. pitch-center dia.(75.0cm. With castors.)</p> <p>TWIN WHEEL CASTORS: The twin wheel castors should be injection moulded in black PP having 6.0cm wheel Diameter.</p> <p>Overall Dimensions of Chair</p> <p>Seat Height -43.1-53.1cm</p> <p>Height -96.5-114.0.cm.</p> <p>Width &amp; Depth of Chair as measured from base - Width-76.1 cm and Depth-76.1 cm</p>	
228	1	<p>Table-2- 1200 x 600</p> <p>Primary Work Surface:Made of 25mm Thick Pre-laminated twin board of approved shade Edge banded with matching 2 mm thick PVC lipping.</p> <p>Secondary Work Surface:Made of 25mm thick MDF one side pre-laminate board with 0.4mm PVC membrane pressed on to top.</p> <p>Softclosing access flap with in-built power box are provided on work surface for wire management.</p> <p>Modesty Panel:Made of 25mm thick MDF one side laminate board confirming to with 0.4mm PVC membrane pressed on to top</p> <p>Under- structure:Made of 25mm Thick Pre-laminated twin board of approved shade confirming to Edge banded with matching 2 mm thick PVC lipping.</p> <p>Integrated Pedestal:Made of 25mm Thick Pre-laminated twin board of approved shade , Edge banded with matching 2 mm thick PVC lipping.</p> <p>Drawer fronts made of 25mm thick MDF one side pre-laminate board confirming with 0.4mm PVC membrane pressed on to top Pedstal construction is BOX-BOX-FILE type which Uses powder coated 400 MM long metal Panel Drawer Slides. Drawer extension is 325 MM.</p> <p>Drawers have a soft closing &amp; anti slam mechanism. Handles are provided for ease of opening.</p> <p>Pedestal is provided with lock for security.</p>	

229	20	<p>Table -3 1200 x600x 750</p> <p>Primary Work Surface:Made of 25mm Thick Pre-laminated twin board of approved shade Edge banded with matching 2 mm thick PVC lipping.</p> <p>Secondary Work Surface:Made of 25mm thick MDF one side pre-laminate board with 0.4mm PVC membrane pressed on to top. Softclosing access flap with in-build power box are provided on work surface for wire management.</p> <p>Modesty Panel:Made of 25mm thick MDF one side laminate board confirming to with 0.4mm PVC membrane pressed on to top</p> <p>Under- structure:Made of 25mm Thick Pre-laminated twin board of approved shade confirming to Edge banded with matching 2 mm thick PVC lipping.</p> <p>Integrated Pedestal:Made of 25mm Thick Pre-laminated twin board of approved shade , Edge banded with matching 2 mm thick PVC lipping. Drawer fronts made of 25mm thick MDF one side pre-laminate board confirming with 0.4mm PVC membrane pressed on to top Pedstal construction is BOX-BOX-FILE type which Uses powder coated 400 MM long metal Panel Drawer Slides. Drawer extension is 325 MM. Drawers have a soft closing &amp; anti slam mechanism. Handles are provided for ease of opening.</p> <p>Pedestal is provided with lock for security.</p>	Nos
230	8	<p>Workstation -1 1200W X 600D X 750H</p> <p>PROVIDING AND PLACING 52.4MM THICK 1200 MM HIGH PANELS ALONG SPINE IN WISH SYSTEM. WITH COMBINATION OF METAL RACEWAY AT BOTTOM, TWO INTERMEDIATE FABRIC BLOCKS, TOP TILE - FABRIC TACKABLE, WHITE BOARD. PROVIDING POWDER COATED LEGS. *</p> <p>PROVIDING 22.8 MM THICK PANEL WITH BOTTOM METAL SCREEN, INTERMEDIATE FABRIC SCREENS &amp; TOP SCREEN IN FABRIC MAGNETIC FINISH.</p>	Nos

231	1	<p>Conference Table-2 2100 x 1200 x 750</p> <p>Work top-Made of 25mm Thick Pre-laminated twin board of approved shade conforming Edge banded with matching 2 mm thick PVC lipping. Access panels provided with soft closing hinges</p> <p>Understructure-The Under-structure consists of mixture of 25mm and 18mm Pre-laminated twin board of and approved shade conforming to Edge banded with matching 2 mm thick PVC lipping. Anodised aluminium alloy 63400 - WP profile is added at bottom edges for improving the aesthetics. The product has a knock-down construction.</p> <p>Wire Raiser-A wire raiser made of 0.8mm CRCA . It is epoxy polyester powder coated for flow of wires and cables. Cutout provision below Access flap at two locations for standard 8 module Anchor Roma is provided. Beside each cutout, an additional cutout with plate is provided for mounting Audio Visual Cables (eg.HDMI, VGA-A,etc).</p>	Nos
232	4	<p>Storage cabinet 2325 H x 1200 W x 450 D.</p> <p>Wooden storage range comprises of a range of Low height to medium height wooden HDU</p> <p>Body : Body is made from 18mm PLB with all the edges sealed with 0.8 mm thick PVC Edgeband. The Back panel is 9mm White PLT. The entire construction is ready to assemble unit and is assembled with suitable KD fittings. The shelves and separator panels ( if available ) is made from 18 mm white PLT and edges are sealed with 0.8 mm edge band. The bottom shelf is fixed and other shelves have one step adjustment for optimizing the space.</p> <p>Doors : Door Panels are made from 18 mm PLB with 2 mm Edge band on all edges and a flush Plastic handle is fitted vertically at the center of the door. The hinge door has suitable hinges and HDU is fitted with an adjustable fitting for height adjustment.</p> <p>HDU has a three point lock</p> <p>All the storages are fitted with a 6 mm leveler at bottom for leveling</p>	

233	1	<p>RECEPTION DESK-02  2400W X 1770D X 740H. As per Order  Supplying and placing in position of  Work Surface - Made of 25mm Thick Pre-laminated twin board of E1-P2 grade and approved shade confirming to, Edge banded with matching 2 mm thick PVC lipping. Access Flap along with a Grommet is provided on work surface for wire management.  Wire Management - Power box made with 0.8 mm thick CRCA (IS: 513), with switch plate (8+3 Module cut out provision for Anchor Roma). This is fixed with worktop along the width at Access Flap position.  Modesty Panel &amp; Side Skirting - Made of 25mm Thick Pre-laminated twin board of E1-P2 grade and approved shade confirming to, Edge banded with matching 2 mm thick PVC lipping.  Understructure - Made of 18mm Thick Pre-laminated twin board of E1-P2 grade and approved shade confirming to, Edge banded with matching 2 mm thick PVC lipping.  TOP shelf - Made of 18mm Thick Pre-laminated twin board of E1-P2 grade and approved shade confirming to, Edge banded with matching 2 mm thick PVC lipping.  Hinge Door + Drawer unit - Made of 18mm Thick Pre-laminated twin board of E1-P2 grade and approved shade confirming to IS-, Edge banded with matching 2 mm thick PVC lipping. **Drawer bottom is made of 5.5thk MDF whiteboard  Handle is provided for ease of opening.  HDU and Drawer is provided with cam lock for security.  Essential Accessories - Wire Riser made of 0.8mm CRCA is provided for proper wire management. Organizer Plate made of 1.2mm CRCA is provided for magnetic sticky notes. Bag Hanger Hook made of 1.2mm CRCA is provided for bag hanging.</p>	Nos
-----	---	--	-----

234	1	<p>Main table TBL 1650 RH RU 1200 PDL 1650x1950x750</p> <p>Supplying and placing in position</p> <p>Primary Work Surface:Made of 25mm Thick Pre-laminated twin board of E1-P2 grade and approved shade confirming to IS-12823:1990, Edge banded with matching 2 mm thick PVC lipping.</p> <p>Secondary Work Surface:Made of 25mm thick MDF one side pre-laminate board with 0.4mm PVC membrane pressed on to top.</p> <p>Soft closing access flap with in-build power box are provided on work surface for wire management.</p> <p>Modesty Panel: Made of 25mm thick MDF one side laminate board confirming to IS-14587:1998 with 0.4mm PVC membrane pressed on to top</p> <p>Under- structure: Made of 25mm Thick Pre-laminated twin board of E1-P2 grade and approved shade confirming to, Edge banded with matching 2 mm thick PVC lipping.</p> <p>Integrated Pedestal: Made of 25mm Thick Pre-laminated twin board of E1-P2 grade and approved shade confirming to, Edge banded with matching 2 mm thick PVC lipping. Drawer fronts made of 25mm thick MDF one side pre-laminate board confirming to with 0.4mm PVC membrane pressed on to top Pedstal construction is BOX-BOX-FILE type which Uses powder coated 400 MM long metal Panel Drawer Slides. Drawer extension is 325 MM.</p> <p>Drawers have a soft closing &amp; anti slam mechanism. Handles are provided for ease of opening.</p> <p>Pedestal is provided with lock for security.</p>	Nos
-----	---	--	-----

235	25	<p>Visitor Chair -2</p> <p>SEAT / BACK ASSEMBLY : The Seat is injection moulded in glass filled Polypropylene compound which is upholstered with fabric upholstery covers and moulded Polyurethane foam.</p> <p>The Back is injection moulded in glass filled Polypropylene compound which is upholstered with Mesh fabric</p> <p>* SEAT SIZE : 50.0cm. (W) x 48.0 cm. (D)</p> <p>* BACK SIZE : 53.0 cm. (W) x 39.0cm. (H)</p> <p>HIGH RESILIENCE (HR) POLYURETHANE FOAM: The HR polyurethane seat foam is moulded with density 45 kg/m<sup>3</sup> and hardness 16 kgf</p> <p>M.S. POWDER COATED FRAMES FOR 4 LEG CHAIRS :The powder coated ( DFT 50 microns) welded tubular main frame is made from Ø 2.54 cm x 0.2 cm and Ø1.6 mm x 0.16 cm M.S. E.R.W tube. The Ø1.9 mm x 0.12 cm M.S.E.R.W. tube used as connecting member between LH &amp; RH frames.</p> <p>SHOE : The shoes are made of glass filled Polypropylene compound with and pressed fitted with tubular frame. Felt is provided below the shoes.</p> <p>WIDTH (W): 56.0 CM.</p> <p>DEPTH (D): 58.5 CM.</p> <p>HEIGHT (H): 86.5 CM.</p> <p>SEAT HEIGHT (SH): 46.0 CM.</p>	Nos
-----	----	---	-----

236	5	<p>Table-2 1650 RH RU 1200 PDL 1650x1950x750</p> <p>Primary Work Surface:Made of 25mm Thick Pre-laminated twin board of approved shade Edge banded with matching 2 mm thick PVC lipping.</p> <p>Secondary Work Surface:Made of 25mm thick MDF one side pre-laminate board with 0.4mm PVC membrane pressed on to top. Softclosing access flap with in-build power box are provided on work surface for wire management.</p> <p>Modesty Panel:Made of 25mm thick MDF one side laminate boardwith 0.4mm PVC membrane pressed on to top</p> <p>Under- structure:Made of 25mm Thick Pre-laminated twin board of approved shade confirming to Edge banded with matching 2 mm thick PVC lipping.</p> <p>Integrated Pedestal:Made of 25mm Thick Pre-laminated twin board of approved shade Edge banded with matching 2 mm thick PVC lipping. Drawer fronts made of 25mm thick MDF one side pre-laminate board with 0.4mm PVC membrane pressed on to top Pedstal construction is BOX-BOX-FILE type which Uses powder coated 400 MM long metal Panel Drawer Slides. Drawer extension is 325 MM.</p> <p>Drawers have a soft closing &amp; anti slam mechanism. Handles are provided for ease of opening.</p> <p>Pedestal is provided with lock for security.</p>	Nos
237	4	<p>Workstation-2 1200W X 600D X 1200H</p> <p>PROVIDING AND PLACING 52.4MM THICK 1200 MM HIGH PANELS ALONG SPINE IN WISH SYSTEM. WITH COMBINATION OF METAL RACEWAY AT BOTTOM, TWO INTERMEDIATE FABRIC BLOCKS, TOP TILE - FABRIC TACKABLE, WHITE BOARD. PROVIDING POWDER COATED LEGS. *</p> <p>PROVIDING 22.8 MM THICK PANEL WITH BOTTOM METAL SCREEN, INTERMEDIATE FABRIC SCREENS &amp; TOP SCREEN IN FABRIC MAGNETIC FINISH.</p>	Nos

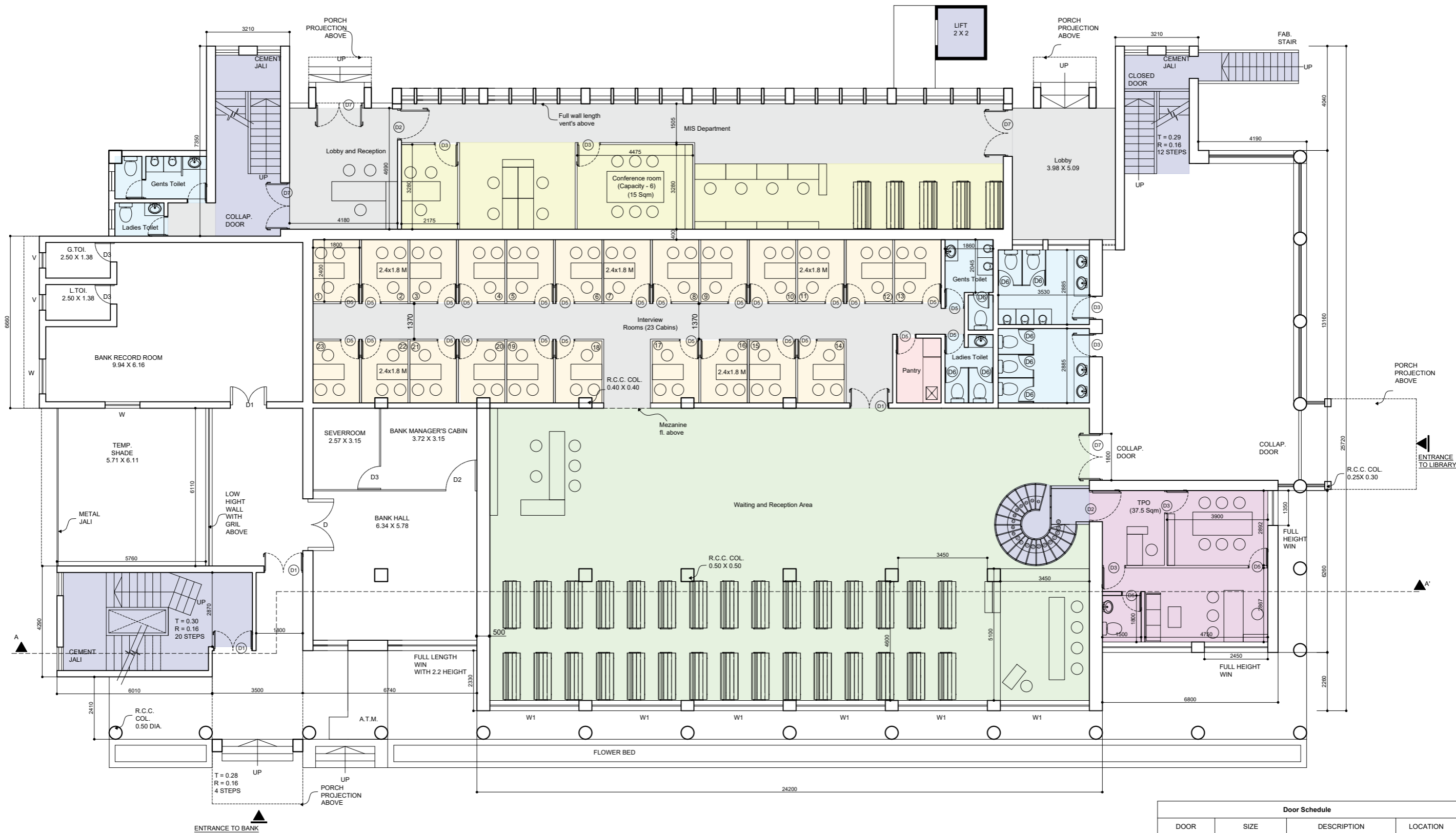
238	10	<p>Workstation-3 1200W X 600D X 750H</p> <ul style="list-style-type: none"> <li>- Providing and placing high-functionality, modular office workstation system &amp; tile based modular workstation, with partition thickness as 52.4 mm thick and ht - 1200 including powder coated aluminium trims.</li> <li>- FIN are 22.5 mm thick panel which are 18 mm thick ply boards wrapped with fabric at intermediate level. Top block finished in fabric finish. Bottom block is finished in metal finish.</li> <li>-WIRE MANAGEMENT: Wires shall be taken into the system through cable ducts from the junction boxes and it is carried up to the panels through concealed conduits inside the blocks.</li> <li>- Half Screen with Frame at intermediate position between 2 people and at the end above worktop in Fabric finish.</li> <li>- Metal powder coated legs at the end and shared condition. System shall also have 120 mm high powder coated standalone panel legs to give the system an elevated look. All partitions and side panels have levelling screws for adjustment in case of Uneven floor</li> <li>- WORK SURFACE of 25 mm thick prelaminated particle board with flat pvc lapping edge banding of size 1200 mm w1 X600 mm d as per order.</li> <li>- Vendor should submit detail shop drawing with all dimensions.</li> </ul>	Nos
239	1	<p>Conference Table-A 2400 x 900 x 750</p> <ul style="list-style-type: none"> <li>-Work Surface made of 25mm Thick Pre-laminated twin board with wood matching 2 mm thick PVC lipping; Plastic access flap is provided for easy access to wires and cables</li> <li>- Under Structure consists of 18mm Thick Pre-laminated twin board of high-quality wood matching 2 mm thick PVC lipping</li> <li>- Modesty Panel-Made of 18mm Thick Pre-laminated twin board of high-quality wood matching 2 mm thick PVC lipping</li> <li>- Powder coated accent metal strip provided below work surface made of 0.8mm CRCA or equivalent grade steel or equivalent steel, epoxy polyester powder coated (DFT 40-60 microns). (Vendor to submit powder coating laboratory test certificate)</li> <li>- Wire Management- An array of panels made of 0.8mm CRCA or equivalent grade steel or equivalent, epoxy polyester powder coated (DFT 40-60 microns) is used for flow of wires and cables. Provision to mount 6 module electric switch plate is provided below worktop. Cut-out on top with two-piece injection moulded plastic part polymer component is fitted to pull out audio, video cables onto worktop and connect devices charger to power socket below worktop.</li> <li>Vendor should submit detail shop drawing with all dimensions.</li> </ul>	Nos

240	1	<p>Conference Table -B 4200 x 1500 x750  Supplying and placing in position of  Work top-Made of 25mm Thick Pre-laminated twin board of approved shade Edge banded with matching 2 mm thick PVC lipping. Access panels provided with soft closing hinges  Understructure-The Under-structure consists of mixture of 25mm and 18mm Pre-laminated twin board of d approved shade conforming , Edge banded with matching 2 mm thick PVC lipping. Anodised aluminium alloy 63400 - WP profile is added at bottom edges for improving the aesthetics. The product has a knock-down construction.  Wire Raiser-A wire raiser made of 0.8mm CRCA . It is epoxy polyester powder coated (DFT 40-60 microns) for flow of wires and cables. Cutout provision below Access flap at two locations for standard 8/4 module Anchor Roma is provided. Beside each cutout, an additional cutout with plate is provided for mounting Audio Visual Cables (eg.HDMI, VGA-A,etc).</p>	Nos
241	10	<p>Workstation-4  1200W X 600D X 750H  - Providing and placing high-functionality, modular office workstation system &amp; tile based modular workstation, with partition thickness as 52.4 mm thick and ht - 1200 including powder coated aluminium trims.  - FIN are 22.5 mm thick panel which are 18 mm thick ply boards wrapped with fabric at intermediate level. Top block finished in fabric finish. Bottom block is finished in metal finish.  - WIRE MANAGEMENT: Wires shall be taken into the system through cable ducts from the junction boxes and it is carried up to the panels through concealed conduits inside the blocks.  - Half Screen with Frame at intermediate position between 2 people and at the end above worktop in Fabric finish.  - Metal powder coated legs at the end and shared condition. System shall also have 120 mm high powder coated standalone panel legs to give the system an elevated look. All partitions and side panels have levelling screws for adjustment in case of Uneven floor  - WORK SURFACE of 25 mm thick prelaminated particle board with flat pvc lapping edge banding of size 1200 mm w1 X600 mm d as per order.  - Vendor should submit detail shop drawing with all dimensions.</p>	Nos

242	1	<p>Meeting Table 5750 x 1800 x 750</p> <ul style="list-style-type: none"> <li>- Work Surface made of 25mm Thick Pre-laminated twin board with wood matching 2 mm thick PVC lipping; Plastic access flap is provided for easy access to wires and cables</li> <li>- Under Structure consists of 18mm Thick Pre-laminated twin board of high-quality wood matching 2 mm thick PVC lipping</li> <li>- Modesty Panel-Made of 18mm Thick Pre-laminated twin board of high-quality wood matching 2 mm thick PVC lipping</li> <li>- Powder coated accent metal strip provided below work surface made of 0.8mm CRCA or equivalent grade steel or equivalent steel, epoxy polyester powder coated (DFT 40-60 microns). (Vendor to submit powder coating laboratory test certificate)</li> <li>- Wire Management- An array of panels made of 0.8mm CRCA or equivalent grade steel or equivalent, epoxy polyester powder coated (DFT 40-60 microns) is used for flow of wires and cables. Provision to mount 6 module electric switch plate is provided below worktop. Cut-out on top with two-piece injection moulded plastic part polymer component is fitted to pull out audio, video cables onto worktop and connect devices charger to power socket below worktop.</li> </ul> <p>Vendor should submit detail shop drawing with all dimensions</p>	Nos
-----	---	--	-----

243	32	<p>Workstation Chair -2</p> <p>Supplying and placing in position</p> <p>SEAT/BACK ASSEMBLY : The Cushioned seat should be made of Injection molded Plastic outer &amp; inner. Plastic Inner should be upholstered with leatherette and moulded High Resilience (HR) Polyurethane foam of Density 45 kg/m<sup>3</sup>, and hardness load 16 kgf for 25% compression. The Cushioned back should be made of PU Foam with insitu molded MS E.R.W Round Tube of size 1.9cm x 0.16 cm. It upholstered with Leatherette.</p> <p>Seat SIZE : 47.0 cm. (W) x 48.0 cm. (D)</p> <p>MID BACK SIZE: 47.7 cm. (W) x 60.1 cm. (D)</p> <p>ARMRESTS : The armrest top should be moulded from polyurethane(PU) and mounted on to a drop lift adjustable type tubular armrest support made of 03.8 cm x 0.2 cm thk M.S. E.R.W tube having chrome plated finish. The armrest height adjustable up to 6.5cm in 5 steps.</p> <p>ACTIVE BIO-SYNCHRO MECHANISM : The adjustable tilting mechanism should be designed with the following features:</p> <ul style="list-style-type: none"> <li>• 360° revolving type.</li> <li>• Front-pivot for tilt with feet resting on ground and continuous lumbar support ensuring more comfort.</li> <li>• Tilt tension adjustment can be operated in seating position.</li> <li>• 5-position Tilt limiter giving option of variable tilt angle to the chair.</li> <li>• Seat/back tilting ratio of 1: 2</li> </ul> <p>• The mechanism housing should be made up of HPDC Aluminium black powder coated.</p> <p>SEAT DEPTH ADJUSTMENT: Seat depth adjustment should be integrated in the seat through a sliding mechanism. Seat depth adjustment range should be of 6.0 cm.</p> <p>ADJUSTABLE BACK SUPPORT : Back Frame should be connected to the Up/Dn mechanism housed in Plastic T spine. It can be adjusted in the range of 7.42 cm for the comfortable back support to suit individual need.</p> <p>PNEUMATIC HT. ADJUSTMENT : The pneumatic ht adjustment has an adjustment stroke of 10.0 cm.</p> <p>PEDESTAL ASSEMBLY: The pedestal should be High Pressure Die cast polished Aluminium and fitted with 5 nos. twin wheel castors. The pedestal should be 65.0 cm. pitch-center dia.(75.0 cm. With castors.)</p> <p>TWIN WHEEL CASTORS: The twin wheel castors should be injection moulded in black PP having 6.0cm wheel Diameter.</p> <p>Overall Dimensions of Chair</p> <p>Seat Height -43.1-53.1cm</p> <p>Height -96.5-114.0.cm.</p> <p>Width &amp; Depth of Chair as measured from base - Width-76.1 cm and Depth-76.1 cm</p>	
-----	----	---	--

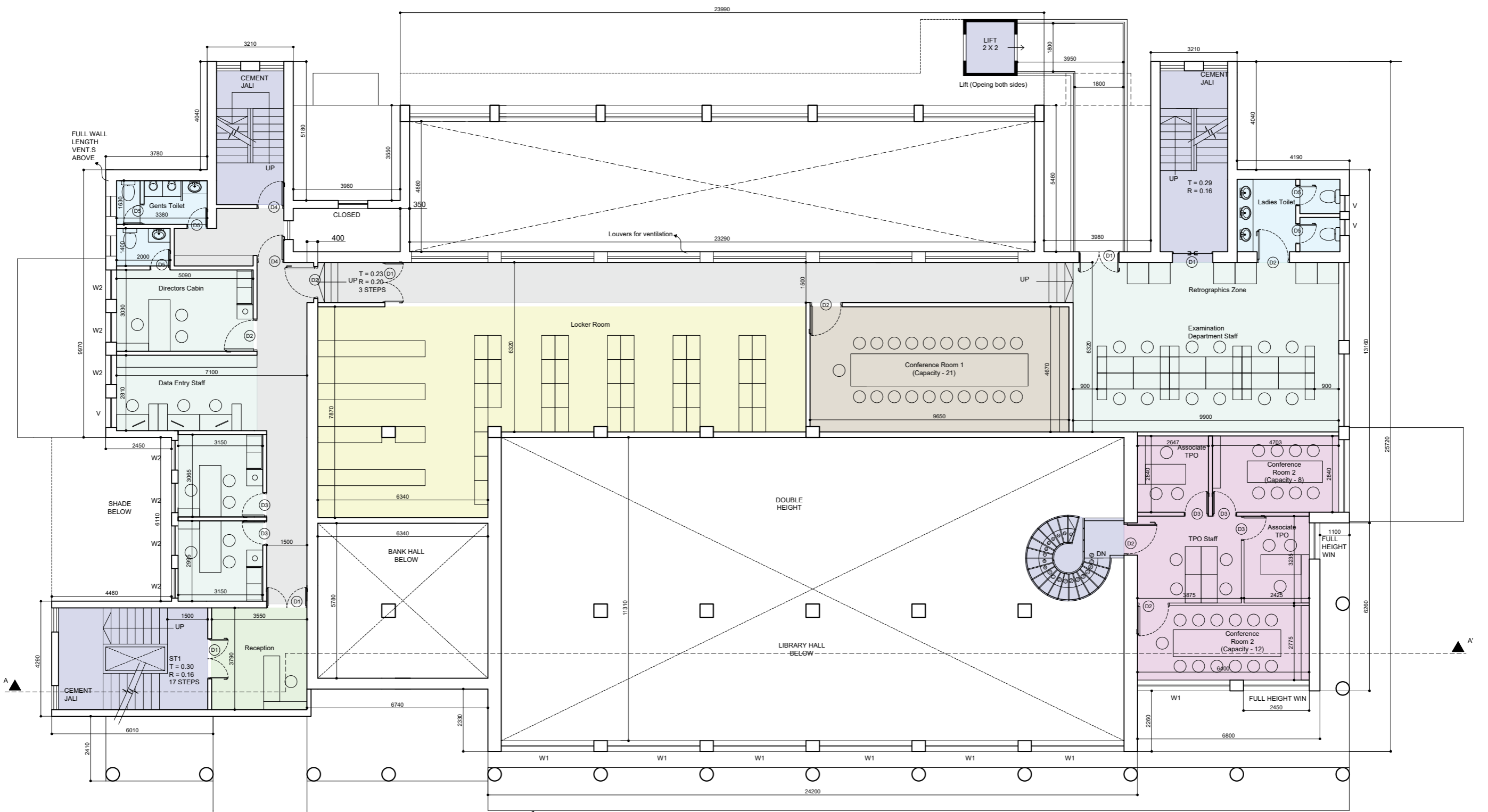
Signature of Bidder



- Lobby and Reception
- Interview Rooms
- TPO Department
- Staircase and Lifts
- Conference Room
- MIS Department
- Toilets
- Corridors and lobbies
- Examination Dept Staff

Door Schedule			
DOOR	SIZE	DESCRIPTION	LOCATION
D 1	1500 MM X 2100 MM	Double leaf door	Staircase ST1
D2	1200 MM X 2100 MM	Single Leaf door	Cabins
D3	900 MM X 2100 MM	Single leaf door	Staircase ST2
D4	1000 MM X 2100 MM	Single leaf door	Toilets
D5	750 MM X 2100 MM	Single leaf door	Toilets
D6	600 MM X 2100 MM	Single leaf door	Entrance Doors
D7	1800 MM X 2100 MM	Double leaf door	Entrance Doors

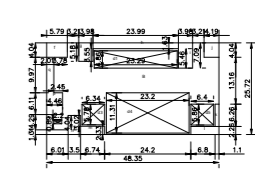
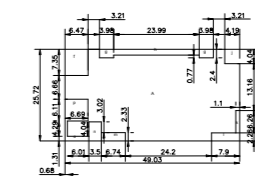
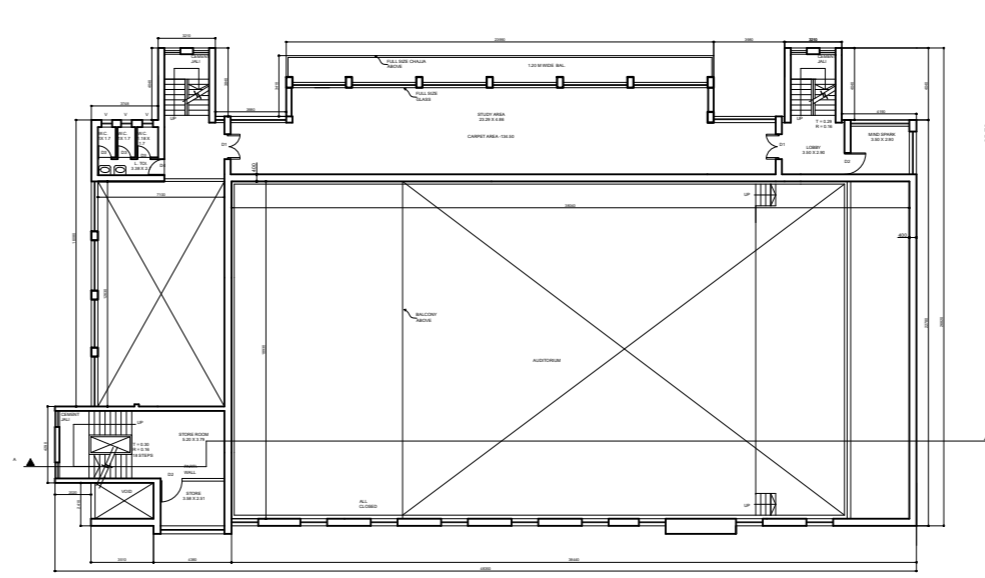
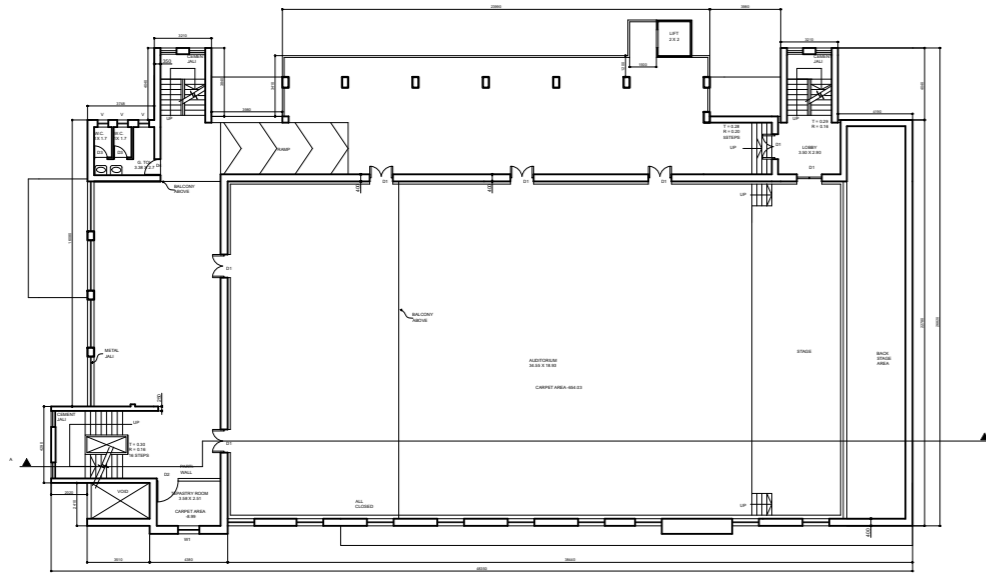
<ul style="list-style-type: none"> <li>This drawing is a property of <b>DARSHAN MEDHI ARCHITECTS</b>, and is not to be used or reproduced without their written permission.</li> <li>The contractor must verify all the dimensions of the job and report any dimensional and other discrepancies to the architect.</li> <li>Do not scale the drawing</li> <li>All dimensions to be checked on site</li> <li>Refer Structural engineers information for details on tolerance, movement and construction joints</li> <li>Refer structural drawings and specifications for all structural information</li> <li>Refer MEP drawings and specifications for all MEP information</li> </ul>	Date	Ref.	Revision	Project - Placement Center for College of Engineering, Pune	Sort code	Dwg No.	Rev.	
				Subject - Ground Floor Plan	<b>PCCP</b>	<b>FS</b>	<b>3001</b>	<b>A</b>
				Scale - 1:150	Date - 03. Jan. 2026			
				Architects - <b>DARSHAN MEDHI ARCHITECTS</b>	201 Archway, Sopanbaug, Balewadi Highstreet, Pune 45			E - dma@dmastudio.com



- Lobby and Reception
- Interview Rooms
- TPO Department
- Staircase and Lifts
- Conference Room
- MIS Department
- Toilets
- Corridors and lobbies
- Examination Dept Staff

Door Schedule			
DOOR	SIZE	DESCRIPTION	LOCATION
D 1	1500 MM X 2100 MM	Double leaf door	Staircase ST1
D2	1200 MM X 2100 MM	Single Leaf door	Cabins
D3	900 MM X 2100 MM	Single leaf door	Staircase ST2
D4	1000 MM X 2100 MM	Single leaf door	Toilets
D5	750 MM X 2100 MM	Single leaf door	Toilets
D6	600 MM X 2100 MM	Single leaf door	Toilets
D7	1800 MM X 2100 MM	Double leaf door	Entrance Doors

<ul style="list-style-type: none"> <li>This drawing is a property of <b>DARSHAN MEDHI ARCHITECTS</b>, and is not to be used or reproduced without their written permission.</li> <li>The contractor must verify all the dimensions of the job and report any dimensional and other discrepancies to the architect.</li> <li>Do not scale the drawing</li> <li>All dimensions to be checked on site</li> <li>Refer Structural engineers information for details on tolerance, movement and construction joints</li> <li>Refer structural drawings and specifications for all structural information</li> <li>Refer MEP drawings and specifications for all MEP information</li> </ul>	<b>Date</b>	<b>Ref.</b>	<b>Revision</b>	<b>Project - Placement Center for College of Engineering, Pune</b>			<b>Sort code</b>	<b>Dwg No.</b>	<b>Rev.</b>
				<b>Subject - Mezzanine Level Plan</b>			PCCP FS	3002	A
				<b>Scale - 1:150</b>	<b>Date - 03. Jan. 2026</b>				
					<b>Architects - DARSHAN MEDHI ARCHITECTS</b>			<b>201 Archway, Sopanbaug, Balewadi Highstreet, Pune 45</b>	

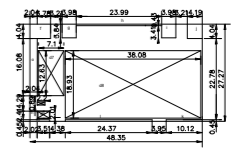
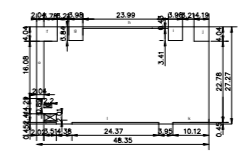
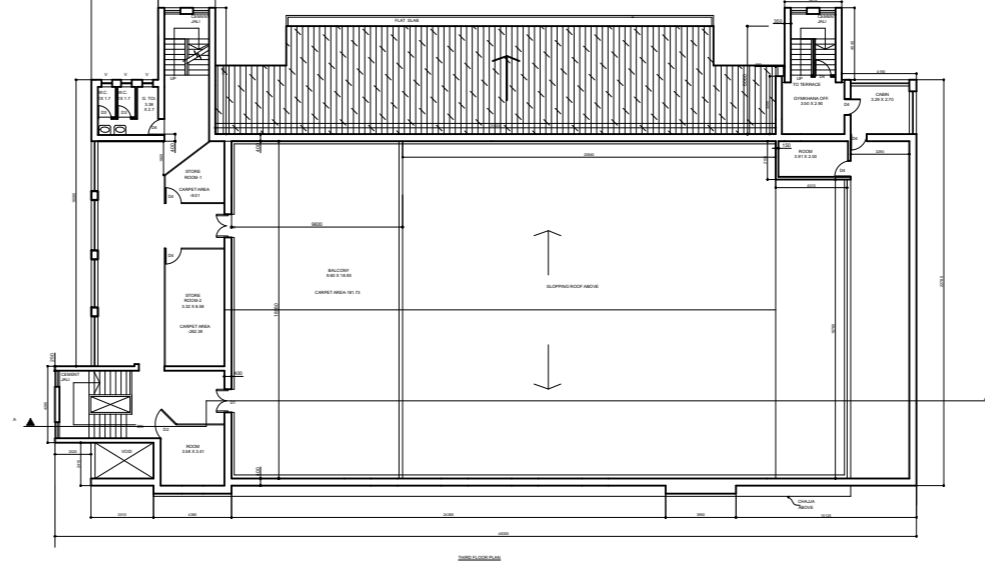
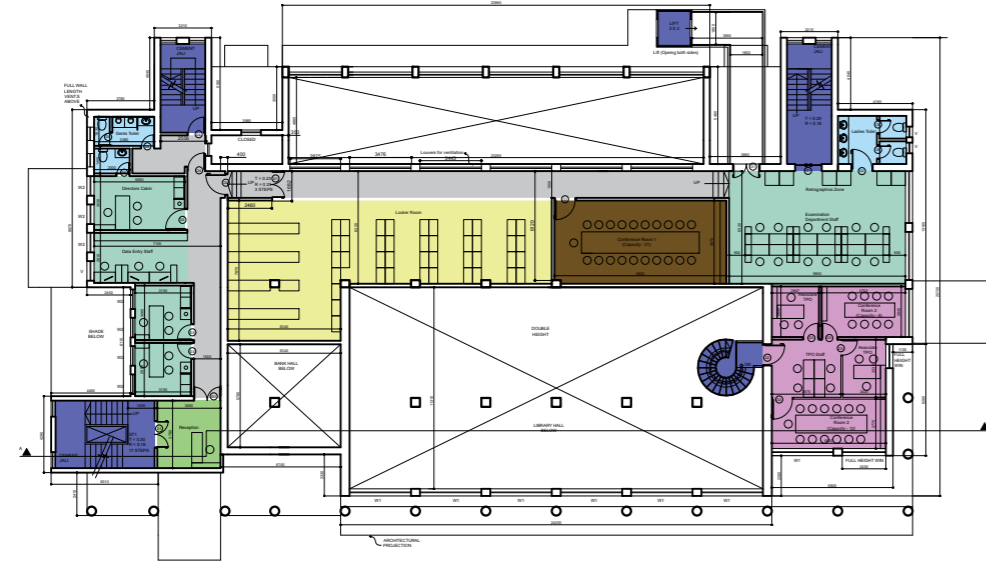


REVISIONS

NO.	DESCRIPTION	DATE	BY
1	ISSUED FOR PERMIT	19/07/16	R.P.

REVISIONS

NO.	DESCRIPTION	DATE	BY
1	ISSUED FOR PERMIT	19/07/16	R.P.



REVISIONS

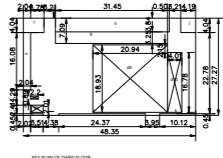
NO.	DESCRIPTION	DATE	BY
1	ISSUED FOR PERMIT	19/07/16	R.P.

REVISIONS

NO.	DESCRIPTION	DATE	BY
1	ISSUED FOR PERMIT	19/07/16	R.P.

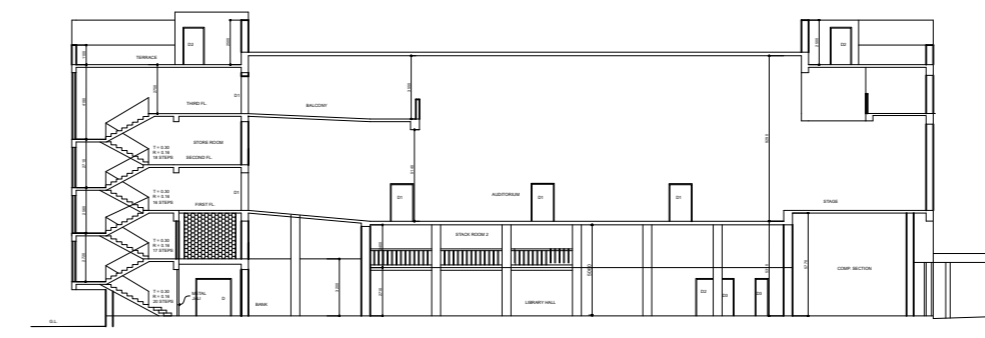
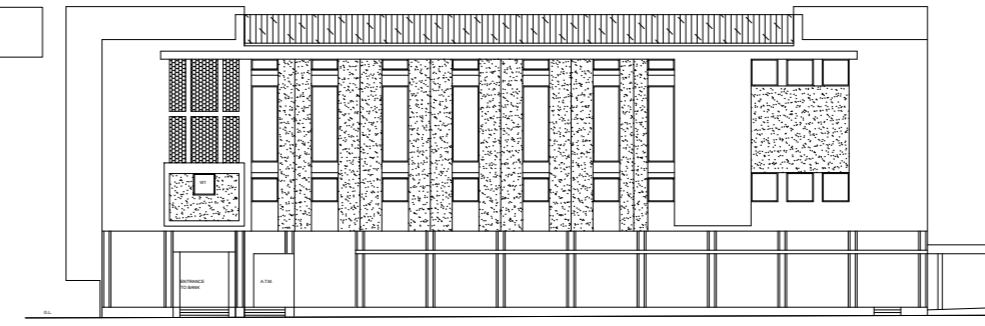
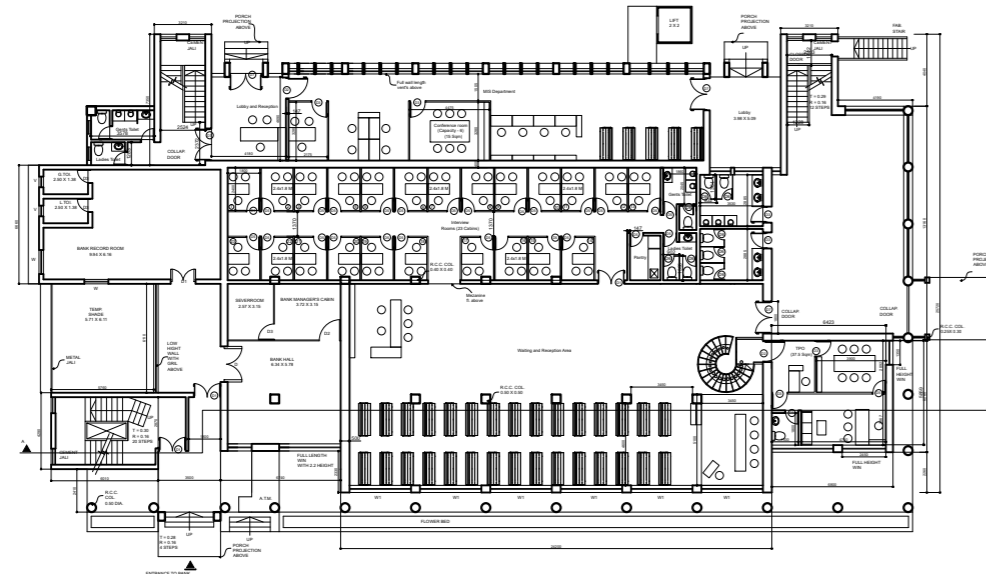
REVISIONS

NO.	DESCRIPTION	DATE	BY
1	ISSUED FOR PERMIT	19/07/16	R.P.



REVISIONS

NO.	DESCRIPTION	DATE	BY
1	ISSUED FOR PERMIT	19/07/16	R.P.



SR.NO	DESCRIPTION	DATE	BY
<b>REVISION</b>			
DRG.NO	A.D./ALGB/01	DRN BY	S.P.
JOB NO	54	DATE	19/07/16
		SCALE	1:100

**TITLE** AUDITORIUM & LIBRARY BUILDING

**CLIENT** ARCHITECT SHEETAL PATIL

**ARCHITECT** SHEETAL PATIL & ASSOCIATES  
URBAN PLANNER ARCHITECTS INTERIORS  
EMAIL - sheetalpatil@yahoo.co.in  
PH - +91 9765000633

**DESCRIPTION OF PROPERTY** NORTH

**EXISTING AUDITORIUM & LIBRARY BUILDING FOR COLLEGE OF ENGINEERING SHIVAJINAGAR, PUNE**





GROUND FLOOR PLAN LIGHTING LAYOUT

NOTES :-

SR NO.	SYMBOL	DESCRIPTION
01		1200MM CEILING FAN
02		450MM CEILING FAN
03		225MM EXHAUST FAN
04		MIRROR LIGHT
05		14W LED DOWN LIGHT
06		9W LED DOWN LIGHT
07		22W LED BATTEN 4 FEET
08		35W RECTANGULAR PANEL LIGHT(1200mmX300mm)
09		SWITCH BOARD WITH ON BOARD 6A SOCKET
10		SWITCH BOARD @1500MM
11		30W PANEL LIGHT 600mmX600mm
12		10W LED LAMP
13		UPS DB
14		LIGHTING DB
15		POWER DB
16		MAIN DB
17		6 MODULE
18		3 MODULE
19		AC STARTER
20		12 MODULE
21		TEL SOCKET
22		COMPUTER
23		TV

REV No.	DATE	DESCRIPTION
R00	08.04.2026	TENDER DRAWING

TENDER DRAWING

STATUS OF DRAWING

Architects - **DARSHAN MEDHI ARCHITECTS**  
 201 Archway, Sopanbaug, Balewadi Highstreet, Pune 415  
 E - dma@dmastudio.com

Plot No. 462  
 Sector No. 25  
 PCNTDA, Nigdi  
 Pune 411 044

T: +91 9850 284 169  
 +91 9604 716 073  
 E: msant@aumtis.com  
 W: www.aumtis.com

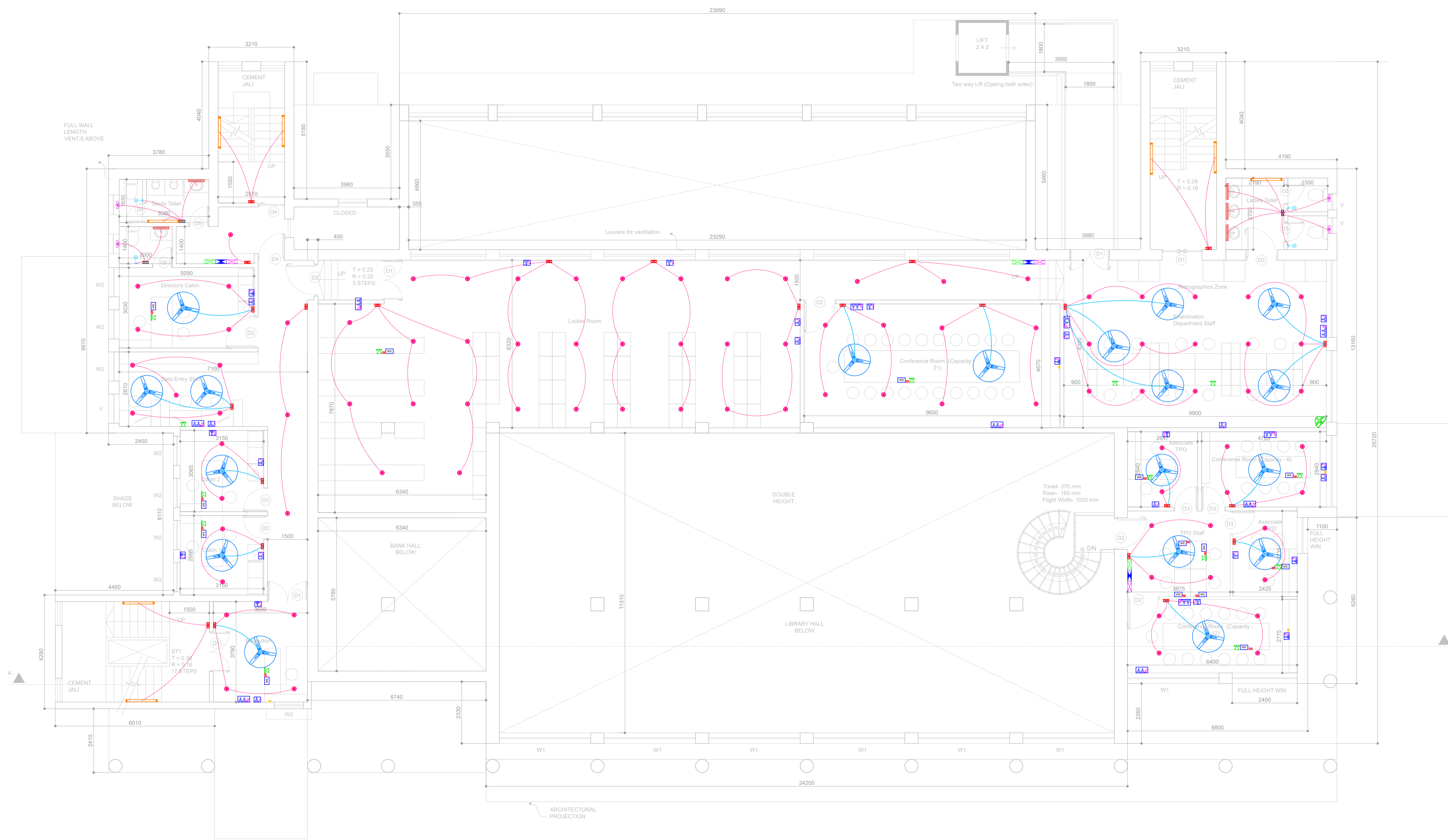


PROJECT	PLACEMENT CENTER & EXAMINATION CELL
DRG TITLE	GROUND FLOOR PLAN LIGHTING LAYOUT
CLIENT	COLLEGE OF ENGINEERING PUNE
DATE :-	08.04.2026

DRAWN BY	SP	JOB NO.	
CHECKED BY	VG	SCALES@A1	1:150
APPROVED BY	VP	DRAWING NO.	AUM-ELE-001
SHEET NO.	02 OF 01	REV.	R0

SR NO.	SYMBOL	DESCRIPTION
01		DOME CAMERA
02		BULLET CAMERA
03		16 CH NVR

NOTES :-



LIGHTING LEGEND		
SR NO.	SYMBOL	DESCRIPTION
01		1200MM CEILING FAN
02		450MM CEILING FAN
03		225MM EXHAUST FAN
04		MIRROR LIGHT
05		14W LED DOWN LIGHT
06		9W LED DOWN LIGHT
07		22W LED BATTEN 4 FEET
08		35W RECTANGULAR PANEL LIGHT(1200mmX300mm)
09		SWITCH BOARD WITH ON BOARD 6A SOCKET
10		SWITCH BOARD @1500MM
11		30W PANEL LIGHT 600mmX600mm
12		10W LED LAMP
13		UPS DB
14		LIGHTING DB
15		POWER DB
16		MAIN DB
17		6 MODULE
18		3 MODULE
19		AC STARTER
20		12 MODULE
21		TEL SOCKET
22		COMPUTER
23		TV

REV No.	DATE	DESCRIPTION
R00	08.04.2026	TENDER DRAWING

## TENDER DRAWING

STATUS OF DRAWING

Architects - **DARSHAN MEDHI ARCHITECTS**  
 201 Archway, Sopanbaug, Balewadi Highstreet, Pune 45  
 E - dma@dmastudio.com

Plot No. 462  
 Sector No. 25  
 PCNTDA, Nigdi  
 Pune 411 044

T: +91 9850 284 169  
 +91 9604 716 073  
 E: msant@aumtis.com  
 W: www.aumtis.com

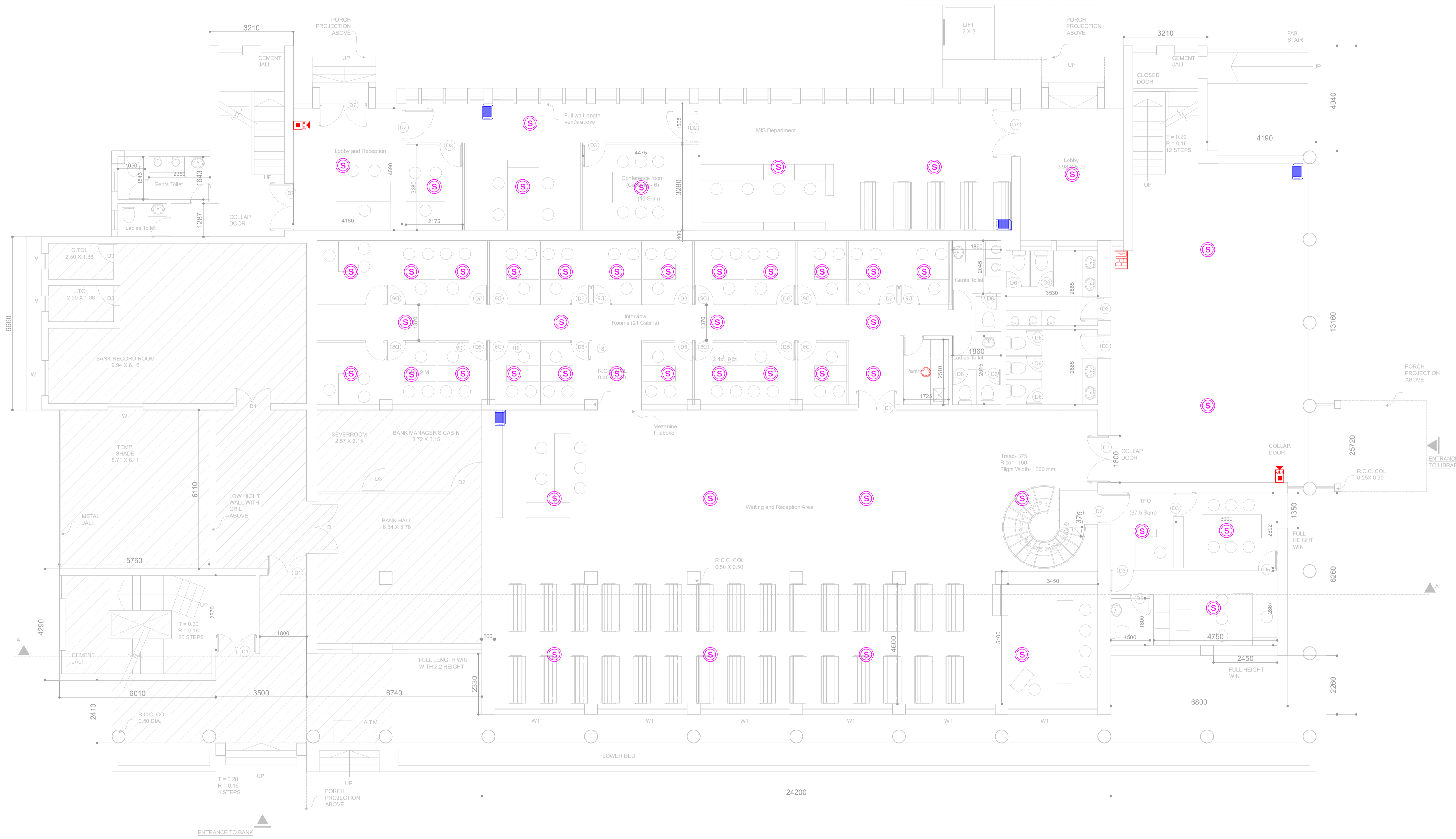


PROJECT: PLACEMENT CENTER & EXAMINATION CELL  
 DRG TITLE: MEZANINE LEVEL PLAN LIGHTING LAYOUT  
 CLIENT: COLLEGE OF ENGINEERING PUNE  
 DATE :- 08.04.2026

DRAWN BY	SP	JOB NO.	
CHECKED BY	VG	SCALES@A1	1:150
APPROVED BY	VP	DRAWING NO.	AUM-ELE-002
SHEET NO.	02 OF 02	REV.	R0

CCTV LEGEND		
SR NO.	SYMBOL	DESCRIPTION
01		DOME CAMERA
02		BULLET CAMERA
03		16 CH NVR

MEZANINE LEVEL PLAN LIGHTING LAYOUT



GROUND FLOOR PLAN FAS LAYOUT

NOTES :-

FAS LEGEND		
SR NO.	SYMBOL	DESCRIPTION
01		SMOKE DETECTOR
02		HEAT DETECTOR
03		MANUAL CALL POINT
04		HOOTER
05		MAIN FIRE ALARM CONTROL PANEL

PA LEGEND		
SR NO.	SYMBOL	DESCRIPTION
01		PA-AMPLIFIER
02		15W COLOUN SPEAKER

REV No.	DATE	DESCRIPTION
R00	08.04.2026	TENDER DRAWING

TENDER DRAWING

STATUS OF DRAWING

Architects - **DARSHAN MEDHI ARCHITECTS**  
 201 Archway, Sopanbaug, Balewadi Highstreet, Pune 45  
 E - dma@dmastudio.com

Plot No. 462  
 Sector No. 25  
 PCNTDA, Nigdi  
 Pune 411 044

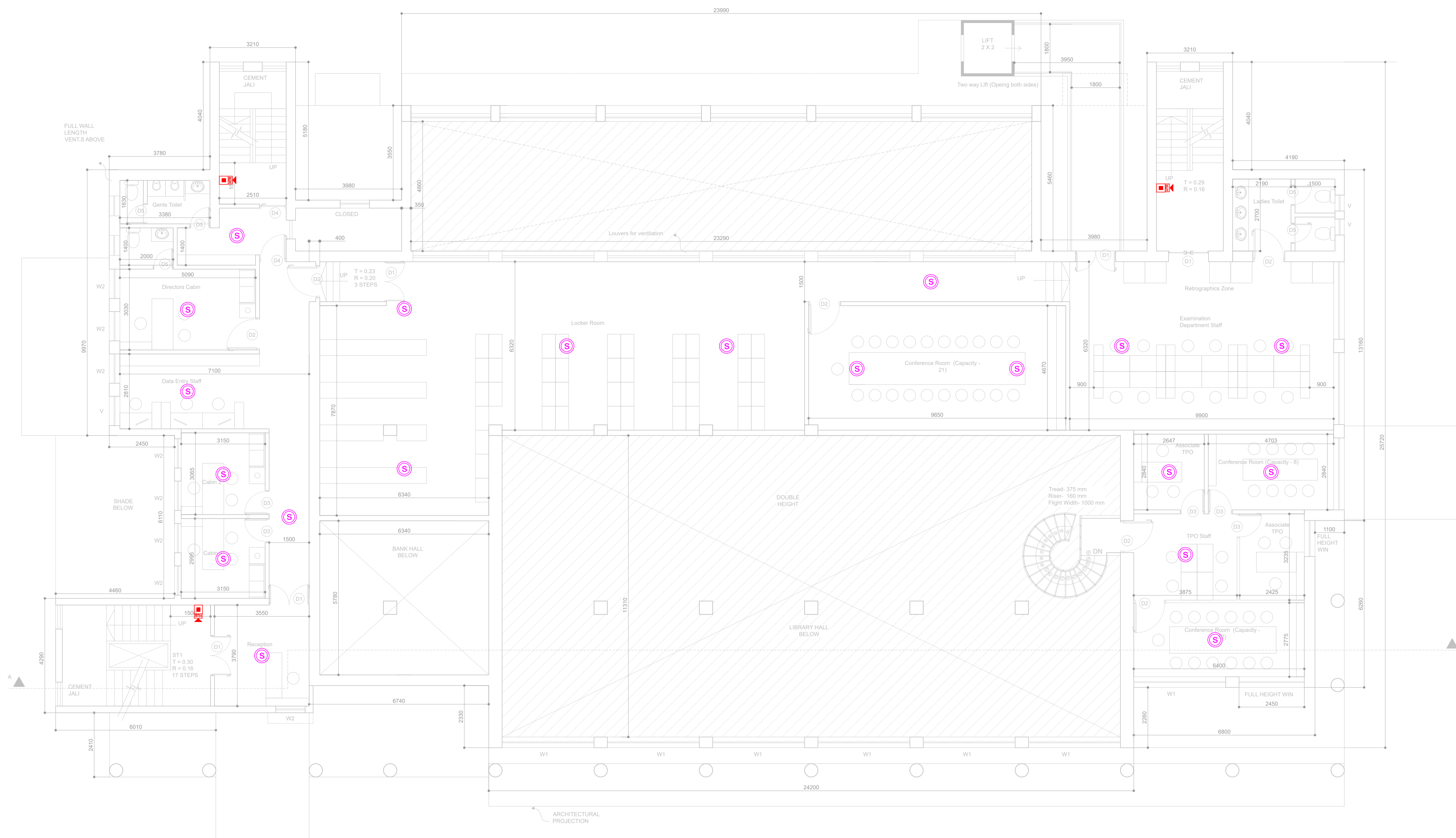
T: +91 9850 284 169  
 +91 9604 716 073  
 E: msant@aumtis.com  
 W: www.aumtis.com



PROJECT	PLACEMENT CENTER & EXAMINATION CELL
DRG TITLE	GROUND FLOOR PLAN FAS LAYOUT
CLIENT	COLLEGE OF ENGINEERING PUNE
DATE :-	08.04.2026

DRAWN BY	SP	JOB NO.	
CHECKED BY	VG	SCALES@A1	1:150
APPROVED BY	VP	DRAWING NO.	AUM-FAS-001
SHEET NO.	02 OF 01	REV.	R0

NOTES :-



MEZANINE LEVEL PLAN FAS LAYOUT

FAS LEGEND

SR NO.	SYMBOL	DESCRIPTION
01	(S)	SMOKE DETECTOR
02	(H)	HEAT DETECTOR
03	(M)	MANUAL CALL POINT
04	(H)	HOOTER
05	(F)	MAIN FIRE ALARM CONTROL PANEL

PA LEGEND

SR NO.	SYMBOL	DESCRIPTION
01	(A)	PA-AMPLIFIER
02	(S)	15W COLOUMN SPEAKER

REV No.	DATE	DESCRIPTION
R00	08.04.2026	TENDER DRAWING

## TENDER DRAWING

STATUS OF DRAWING

Architects - **DARSHAN MEDHI ARCHITECTS**  
 201 Archway, Sopanbaug, Balewadi Highstreet, Pune 45  
 E - dma@dmastudio.com

Plot No. 462  
 Sector No. 25  
 PCNTDA, Nigdi  
 Pune 411 044

T: +91 9850 284 169  
 +91 9604 716 073  
 E: msant@aumtis.com  
 W: www.aumtis.com



PROJECT	PLACEMENT CENTER & EXAMINATION CELL
DRG TITLE	MEZANINE LEVEL PLAN FAS LAYOUT
CLIENT	COLLEGE OF ENGINEERING PUNE
DATE :-	08.04.2026

DRAWN BY	SP	JOB NO.	
CHECKED BY	VG	SCALES@A1	1:150
APPROVED BY	VP	DRAWING NO.	AUM-FAS-002
SHEET NO.	02 OF 02	REV.	R0