

TENDER DOCUMENT

**CIVIL AND ELECTRICAL WORKS FOR SETTING UP OF
NEW WAREHOUSE**

**AT
RANIPUR, AHMEDABAD, GUJARAT.**



**PROJECTS DIVISION,
HLL LIFECARE LIMITED**

(A GOVT. OF INDIA ENTERPRISE)

Corporate and Registered Office:

HLL Bhavan, Poojappura,

Thiruvananthapuram – 695012, Kerala, India

Phone +91 471 2354949 / 2775500/ 2775588

Web: www.lifecarehll.com

MAY 2018

HLL LIFECARE LIMITED
 (A Government of India Enterprise)
 Projects Division
 Corporate Head Office, Poojappura.P.O,
 Thiruvananthapuram – 695012, Kerala, India
 Phn: 0471- 2354949, 2775588

INVITATION FOR BIDS (IFB)

IFB No : HLL/CHO/PROJ/RBD/WAREHOUSE/2018-19

Date : 25-05-2018

HLL Lifecare Limited (HLL), a Government of India Enterprise is in the process of setting up of new ware house in the state of Gujarat. For the said project, sealed and super scribed bids are invited from competent and experienced Suppliers/Contractors who are capable to do the following work meeting their requirements as per our tender.

SI. No	Brief Description of Item/Work	Qty	EMD in Rs
1	Civil And Electrical works for setting up of New Warehouse at Ranipur, Ahmedabad as per <u>Schedule of Work</u> enclosed.	As per Schedule V	Rs 36,000/-

2. The bid documents will be available up to 15.00 Hrs. on the previous working day of the opening of the bids. The scheduled date for issue, receipt and opening of bids is as follows.

- a) Date of issue of tender document - 25-05-2018 onwards
- b) Last date and time for receipt of bids - 08-06-2018 up to 15.00 Hrs.
- c) Date and time of opening of bids - 08-06-2018, 15.30 Hrs.
- d) Address for communication, receipt and place of opening of bids:

SENIOR MANAGER (PROJECTS),

PROJECTS DIVISION,
 HLL LIFECARE LIMITED,
 Corporate Head Office, Poojappura.P.O,
 Thiruvananthapuram – 695012, Kerala, India
 Phn: 0471- 2354949, 2775588
 E-mail: choprojects@lifecarehll.com, harikrishnankp@lifecarehll.com

3. The completed and sealed bid documents should be submitted to Senior Manager (Projects), in the above address along with the EMD. The outer cover should bear the Enquiry No, closing date and General description of item tendered, and the words "DO NOT OPEN BEFORE" 15.30 Hrs (IST) on ----- (Indicate the Closing Date). EMD shall be submitted in the form of demand draft drawn from a nationalized bank in favor of **HLL Lifecare Limited payable at Thiruvananthapuram**. Bids received after due date and time will be rejected. Any bid not accompanied by EMD will be rejected.

4. Bids will be opened in the presence of Bidders representative(s) who choose to attend on the specified date and time, at the office of HLL at the address given in Clause 2 (d) above.

5. In the event of the date specified for bid receipt and opening being declared as a closed holiday for the above purchaser's office, the due date for submission of bids and opening of bids will be the following working day at the appointed times.
6. HLL may, at its discretion, extend this deadline for submission of bids by amending the Bid Documents or any other reasons, in which case all rights and obligations of HLL and Bidders previously subject to the deadline will thereafter be subject to the deadline as extended.
7. HLL will not be held responsible for the postal delay, if any, in the delivery of the bidding document or the non-receipt of the same. Bids sent by Telex/Fax/Telegraph will not be accepted.
8. The EMD should be enclosed in a separate envelope and super scribed as "EMD" and to be attached in the main cover.
9. SSI/MSME units interested in availing exemption from payment of EMD should submit a valid copy of their registration certificate issued by the concerned DIC or NSIC / Udyog Aadhaar. But the Party has to provide Security deposit if Tender is awarded to them.

Note: If the bidder is a MSME, it shall declare in the bid document the Udyog Aadhar Memorandum Number issued to it under the MSMED Act, 2006. If a MSME bidder do not furnish the UAM Number along with bid documents, such MSME unit will not be eligible for the benefits available under Public Procurement Policy for MSEs Order 2012.

10. The bidder will be disqualified if they have any record of poor performance such as abandoning the works, not properly completing the contract, inordinate delays in completion, litigation history, or financial failures etc.
11. The Bid must include the following information;
 - a. Enquiry No.
 - b. EMD
 - c. Promised Delivery/Completion Schedule
 - d. Price Schedule in Format For Quoting
 - e. All other documents/certificate/information as specified in the bid document.

12. In addition to the invitation for bids, the bidding documents include the following schedules.

Schedule I	-	Conditions of Contract
Schedule II	-	Acceptance Form
Schedule III	-	Capability Certificate
Schedule IV	-	Performance Statement
Schedule V	-	Schedule of Works and drawings

13. The company reserves the right to club or split the items of works, change the qualifying criteria at their discretion and to reject or cancel the Invitation for bids without assigning any reason thereof.

SENIOR MANAGER (PROJECTS)

SCHEDULE I

CONDITIONS OF CONTRACT

1) PRICE

The price quoted should be inclusive of all material cost, loading and unloading charges, all applicable taxes and other levies, labor charges, insurance etc. The **Schedule of work** is enclosed as **Schedule V**.

Price quoted should be firm without any escalation till the order is completely executed.

2) TAXES/DUTIES/LEVIES

The contractor shall be entirely responsible for all applicable taxes including GST, duties, license fees etc. incurred until successful completion of contract.

3) ESCALATION

The rates quoted by the Contractor in the contract documents shall be final and shall not be subjected to any change due to the increase in labour wages or inflation in the cost of materials or any other price variations due to any reason during the stipulated time period of the contract or during the extended time period of completion.

Rates quoted should be inclusive of all cost of materials, Tools/Equipments labor charges, conveyance to site, handling charges, loading and unloading charges, hiring charges, clearing of debris, statutory payments etc.

4) COMPLETION TIME

Work should be completed within **3 WEEKS** from the date of issuing the Letter Of Intent or Work Order.

5) PAYMENT TERMS

The contractor can submit two running account bills during the work period and payment made as below:

- a) 80% of the bill value will be paid on each running account bill submitted by the contractor.
- b) Balance 20% will be paid along with the final bill only after issue of Work Completion certificate by Engineer In Charge/Officer In Charge of HLL Lifecare Ltd.

5% amount of the Bill will be retained as retention money and will be released only after the Defect liability period of 12 months.

The running account bills are to be submitted detailing the work description, quantity and rate as per the Work Order. Payment will be made against actual measurements recorded and certified jointly by HLL Engineer in charge and the Contractor's representative. For supply of capital items, duly certified delivery challan/supporting documents such as Warranty Certificates etc. shall be enclosed along with bill.

Tax Deduction: All statutory deductions like GST, Income Tax, Works Contract Tax, E.S.I., P.F. or any other government-imposed liabilities shall be borne by the Contractor (as applicable at the time of execution of job) and shall be deducted from each bill submitted by the Contractor.

6) SECURITY DEPOSIT

- 6.1 Simultaneously with the execution of the contract successful bidder shall furnish a Security deposit in the form of a Demand Draft from a nationalized bank drawn in favour of HLL Lifecare Limited, Thiruvananthapuram payable at Thiruvananthapuram or a Bank Guarantee from a nationalized bank, for an amount equal to 5% of the total contract value as Security Deposit for his faithful execution of contract. The Security deposit should be valid until successful completion of the contract and acceptance of the Equipment/works by the Purchaser/Owner and will be released after acceptance of the Equipment/works by the Purchaser/Owner. In case of a delay in the works the validity of security deposit shall be extended.
- 6.2 Within 10 days of the receipt of notification of award from the Purchaser/Owner; the successful Bidder shall furnish the security deposit in the form of a Demand Draft or Bank Guarantee in the security deposit form to be sent along with the Notification of Award.
- 6.3 The EMD submitted by the successful bidder shall be converted to Security Deposit and the bidder shall be allowed to remit the balance amount.
- 6.4 In the case of works contract the security deposit amount is to be deposited by way of DD / BG. Alternatively the Security Deposit amount can be recovered from the Contractor's running bills for works of order value below Rs. 5 lakhs with the approval of competent authority.
- 6.5 Failure of the successful Bidder to accept the notification of award or submission of security deposit within the timeframe shall constitute sufficient grounds for the annulment of the award and forfeiture of the EMD, in which even the Purchaser/Owner may make the award to the next lowest evaluated bidder or call for new bids.
- 6.6 Forfeiture Of Security Deposit

If the successful bidder/ Contractor fails to supply the ordered material at the rate finalized or execute the work and / or supplies only part quantity / partially execute the work or fails to comply with the terms and conditions of the purchase order / work order the security deposit furnished will be forfeited / Bank Guarantee encashed.

7) EARNEST MONEY

- 7.1 Each bid must be accompanied by E.M.D.
- 7.2 The EMD is required to protect the Purchaser/Owner against risk of Bidder's conduct, which would warrant the security's forfeiture.
- a. The EMD shall be in the form of cash deposit or demand draft from a nationalized bank drawn in favour of HLL Lifecare Limited, Thiruvananthapuram payable at Thiruvananthapuram.

- b. E.M.D. from unsuccessful bidders will be returned after the acceptance of order by the L1 party.
- c. In the case of successful bidder, the Earnest Money will be returned after signing the contract, and submission of Security Deposit, which they will have to offer for the faithful execution of the contract.

7.3 The EMD may be forfeited:

- (a) If a Bidder withdraws its bid during the period of bid validity specified by the Bidder on the Bidding Document; or
- (b) In case of the successful Bidder, if the Bidder fails:
 - (i) to sign the Contract
 - (ii) to furnish security deposit

8) INDEMNIFICATION CLAUSE

The Bidder shall indemnify and hold harmless the Owner/Purchaser from and against the below mentioned:

- i. All claims, demands, action, proceedings, losses, damages, liabilities, cost, charges, expenses or obligations that are occasioned or may occasion to HLL as a result of our non-payment of any statutory dues levied/leviable on the Contractor or the Contractor committing breach of any the rules, regulations, orders, directives, instructions that may be issued by any authority under various Labor Laws, PF, ESI Acts and all other applicable Laws/Acts/Rules or any other Statute or Laws for the time being in force
- ii. Any damages, loss or expenses due to or resulting from any negligence or breach of duty on our part or on the part of Sub-Contractor/s, if any, servants or agents of the Bidder.
- iii. Claims, if any, of the employee or the Contractor and its Sub Contractor/s, under the Workmen's Compensation Act, 1923 and Employer's Liability Act 1938 or Various Labor Laws or any other Laws rules and regulations in force for the time being in India and any acts replacing and/or amending the same or any of the same as may be in force at the time and under any law in respect of injuries to persons or property arising out of and in the course of the execution of the contract work and / or arising out of and in the course of employment of any workmen / employee.
- iv. Any non - compliance or improper compliance of statutes, rules and regulations which are applicable to HLL and also to the Contractor and to the employees , in respect of (a) Employees' Provident Fund and Miscellaneous Provision Act, 1952, (b) Employees State Insurance Act, 1948, © Contract Labor (R&A) Act, 1970 (d) Minimum Wages Act, 1948 (e) Payment of Wages Act,1936 (f) Bonus Act, 1965 (g) Workmen's Compensation Act, 1923 and / or any other laws which may become applicable in respect of the Contract/ Agreement between HLL and the Bidder.
- v. Any Act or omission by us or our Sub-contractor/s, if any, our /their servants or agents which may involve any loss, damages, liability, civil or criminal action.
- vi. To protect against all claims for damage caused due to non-obtaining of insurance policy during the project period.

9) DEFECT LIABILITY PERIOD:

The defect liability period of the work shall be 12 months from the date of completion of the work and this date will start from successful completion and handing over. If any damage or defect occurs in the work during this period then the Contractor shall rectify the damage or defect at his own expense to the satisfaction of the Purchaser/Owner. If the Contractor fails to do so, then the Purchaser/Owner shall have the authority to get the work done by other means and the expenditure incurred shall be recovered from the Contractor.

Even if Inspection and/or tests are fully carried out by Purchaser/Owner or their representatives, the Contractor is not absolved to any degree of his responsibility to ensure that all equipment fabricated comply strictly with the requirements as per specifications given in the order, and the Purchaser/Owner shall be free to point out any defect till the defect liability period is over.

10) FORCE MAJEURE

- a. Neither the Contractor nor the Purchaser/Owner shall be considered in default in the performance of their obligations as per the Contract so long as such performance is prevented or delayed because of strikes, war, hostilities, revolution, civil commotion, epidemics, accidents, fire, cyclone, flood or because of any law and order proclamation, regulation or ordinance of Government or subdivision thereof or because of any act of God. The proof of existence of force majeure shall be provided by the party claiming it to the satisfaction of the other.
- b. The Contractor shall advise Purchaser/Owner initially by a Fax, followed by post, the beginning and end of any of the above causes of delay, failing which Purchaser/Owner shall not be liable to consider delays due to the above reasons. Notice as stated above should be given even in case where only the Contractor's bids are under the consideration of the Purchaser/Owner and no acceptance of the same has been given and detailed order issued.
- c. In the event of definite delay even if arising out of reasons due to force majeure, Purchaser/Owner shall have the right at their discretion to cancel the Order or part of the Order without any liability on their part to make any payment to the Contractor while reserving the right to claim refund of and any payment if advanced or paid to Contractor.

11) DELAY IN WORK EXECUTION DUE TO REASONS BEYOND CONTRACTOR'S CONTROL

- 11.1 Force majeure: If the execution of work is delayed due to force majeure, then Purchaser/Owner as per the affected period may extend the time period.
- 11.2 In case work is delayed due to non-availability of stores supplied by Owner or any decision by Owner holding the progress of work, the contractor then upon any such happening causing delay shall immediately but not later than 10 days, give notice thereof in writing to the Owner, but nevertheless use constantly his best effort to prevent or make good delay. The Owner may in his discretion grant such extension of time as may appear reasonable to him and the same shall be communicated to the contractor in writing and shall be final and binding on him and the contractor shall be bound to complete the work within such extended time.

12) LIQUIDATED DAMAGES FOR DELAYS

If the work is not completed and handed over to the Purchaser/Owner within the time stipulated in the Order, Purchaser/Owner may at their option, either (1) recover from the Contractor liquidated damages at the rate of 0.5 % of the total contract value for every week of delay, subject to a maximum of 7.5 % of the total contract value, or (2) at the risk and cost of the Contractor and without prejudice to the other remedies/rights as per the Contract, terminate the order wholly or partially and complete it themselves or reassign it to other contractors.

13) SPECIAL INSTRUCTIONS

- 13.1 **The bidder shall visit the site before quoting for the work and also take their own assessments before quoting of bids.**
- 13.2 All pages of the bid, except for un-amended printed literature shall be signed by the person or persons signing the bid. The seal of the company shall be stamped in all pages.
- 13.3 Bids shall be made in English. The bid shall contain no interlineations, erasures or overwriting except as necessary to correct errors made by the Bidder, in which case such corrections shall be signed by the person or persons signing the bid.
- 13.4 To assist in the examination, evaluation and comparison of bids, the Owner may, at its discretion, ask the bidder for a clarification of its bid. The request for clarification and the response shall be in writing and no change in the rate or substance of the bid shall be sought, offered or permitted.
- 13.5 Arithmetical errors will be rectified on the following basis. If there is a discrepancy between the unit price and the total price that is obtained by multiplying the unit price and quantity, the unit price shall prevail and the total price shall be calculated. If there is a discrepancy between the words and figures of unit price, the amount in words of unit price shall prevail.
- 13.6 Prior to the detailed evaluation, the Owner will determine the substantial responsiveness of each bid to the bidding documents. For purposes of these clauses, a substantially responsive bid is one, which conforms to specifications and all the terms and conditions of the bidding documents without material deviation. The Owner's determination of a bid's responsiveness is to be based on the contents of the bid itself without recourse to extrinsic evidence.
- 13.7 The Owner's determination as to the substantial responsiveness or otherwise of each bid or consideration of a minor informality or non-conformity or irregularity is final and conclusive.
- 13.8 The Owner reserves the right to negotiate with the lowest evaluated responsive bidder.
- 13.9 The Owner will award the Contract to the successful Bidder whose bid has been determined to be substantially responsive and has been determined as the lowest

evaluated bid provided further that the Bidder is determined to be qualified to perform the Contract satisfactorily for the items offered.

- 13.10 Prior to the expiration of the period of bid validity, the Owner will notify the successful Bidder in writing by or cable or telex or fax, to be confirmed in writing by post, that its bid has been accepted. The notification of award may be sent in the form of Letter of Intent and/or Work order.
- 13.11 The signed acceptance of the notification of award by the Contractor will constitute a concluded contract.
- 13.12 The work should be carried out without causing any inconvenience to the public and shall ensure that no damages are caused to the existing site premises.
- 13.13 During the execution of work, the contractor or authorized representative should be present at site.
- 13.14 All Materials, Equipment's/ Tools required for the work should be arranged by the contractor and brought to site for the timely completion of the work.
- 13.15 The materials used shall be as per specification and of good quality.
- 13.16 The Contractor has to arrange necessary insurance coverage for the machine, workmen etc. deployed by him. He shall arrange all safety measures to protect his workmen and also the properties of HLL/Hospital Building. The work site safety of all employees, their ESI, PF etc will have to be borne by the contractor.
- 13.17 The work should be carried out in truly professional manner, neatly finished with proper line, level and plumb. Cleanliness and finishing of the job is of utmost importance. Hence the job should be done most carefully with best workmanship. For all finishing jobs samples should be approved from the Purchaser/Owner before completely executing the work.
- 13.18 The Purchaser/Owner should be immediately informed for any discrepancy in drawings, specifications and instructions in the execution of job before actual execution of particular item having discrepancy.
- 13.19 Any item found to be having been executed with poor workmanship then the Contractor shall have to rectify /reconstruct the work as specified by Purchaser/Owner. No extra charge will be admissible in such case. If CONTRACTORS fails to do so, the Purchaser/Owner reserved the right to rectify/reconstruct the work through some other agency at the expenses of Contractor.
- 13.20 The schedule of activities as submitted by the Contractor shall have to be strictly adhered to. Regular progress reports shall have to be submitted by the Contractor giving all details for monitoring of the schedule.
- 13.21 The Contractor shall make initial drawings/layouts (as per site conditions) and get it approved by HLL before execution.

- 13.22 Special care is to be taken for cleanliness of the site. After the end of day's work, the site should be cleaned immediately.
- 13.23 The Contractor shall have to co-operate with the agencies executing other works in the same area.
- 13.24 While executing the work, the Contractor shall ensure safety and security of the property of the Purchaser/Owner so as to avoid theft etc.
- 13.25 Measurement & Payment terms:

The method of measurement of completed work shall be in accordance with the standard measurement. Payment will be made on satisfactory completion of work as per the order. Interim or running account bills shall be submitted by the contractor for the work executed on the basis of such recorded measurements in the format of HLL. All such interim payments shall be regarded as payment by way of advances against final payment only, and shall not preclude the requiring of bad, unsound and imperfect or unskilled work to be rejected, removed, taken away and reconstructed or re-erected. Any certificate given by the officer relating to the work done or materials delivered forming part of such payment, may be modified, or corrected by any subsequent such certificate(s) or by the final certificate and shall not by itself be conclusive evidence that any work or material so which it relates is /are in accordance with the contract and certificate. Any such interim payment,/any part there of shall not in any respect conclude, determine or affect in any way powers of the engineer in charge under the contract or any of such payment s be treated as final settlement and adjustment of accounts or in any way vary or affect the contract.

- 13.26 If contractor is executing any extra items as per direction of Engineer in charge / Officer in charge, the rates shall be worked out as per the latest CPWD Schedule of Rates and in case, the item is not included in the CPWD schedule, the rate shall be arrived as per prevailing Market rates.
- 13.27 The Quantity shown in the schedule is an approximate estimated quantity. No rate revision will be entertained if the quantity increases/decreases due to the site condition while executing the work.
- 13.28 Water and Electricity: The contractor shall make his own arrangement for water and electricity required for the works. HLL will not be responsible for the supply of either electricity or water.
- 13.29 During the execution of work, the contractor or authorized representative/s at least one person having technical qualification should be present at site.
- 13.30 The contractor shall comply with by-laws and regulation of local and statutory authorities having jurisdiction over the work and shall be responsible for payment of all statutory fees and other charges and the giving and receiving of all necessary notices and the Owner shall be kept informed of the said compliances with by-laws, payment made, notices issued and received. All statutory payments shall be made by the Contractor and the same will be reimbursed by HLL on producing original challans/receipts.

13.31 Electrical

The work shall be carried out by a contractor holding valid licence issued by the State Government/Competent Authority for carrying out installation work of all voltage classes involved, under direct supervision of the persons holding valid certificates issued or recognized by the state government/competent authority.

13.32 Final payment shall be paid only after clearing the site as per direction of Engineer-in-charge/ Officer in charge.

14) CORRESPONDENCE

All correspondence relating to this Order shall be in English, to:

SENIOR MANAGER (PROJECTS),
PROJECTS DIVISION,
HLL LIFECARE LIMITED (A Government of India Enterprise)
Corporate Head Office, Poojappura.P.O,
Thiruvananthapuram – 695012, Kerala, India
Phn: 0471- 2354949, 2775588
E-mail: choprojects@lifecarehll.com, harikrishnankp@lifecarehll.com

15) SETTLEMENT OF DISPUTES

Arbitration shall not be a means of settlement of any dispute or claim arising out of the contract relating to the work. Any disputes or difference arising between the parties with respect to the performance of any part of this agreement or anything connected therewith, etc shall as far as possible be mutually settled by the process of dialog and negotiation.

The Courts at Thiruvananthapuram alone shall have jurisdiction in respect of settlement of any matter arising out or in connection with the contract.

SCHEDULE II

ACCEPTANCE FORM

(To be submitted in the letter pad of the firm indicating full name and address, telephone & fax numbers etc.)

From

To

SENIOR MANAGER (PROJECTS),
PROJECTS DIVISION,
HLL LIFECARE LIMITED (A Government of India Enterprise)
Corporate Head Office, Poojappura.P.O,
Thiruvananthapuram – 695012,
Kerala, India
Phn: 0471- 2354949, 2775588
E-mail: choprojects@lifecarehll.com, harikrishnankp@lifecarehll.com

Dear Sir,

I / We, hereby offer to supply/construct/erect/install/commission the work as detailed in schedules/drawings hereto or such portion thereof as you may specify in the acceptance of Bid at the price given in the price bid and agree to hold this offer open till 90 days after the date of bid opening prescribed by the purchaser/Owner. I/We have understood the terms and conditions mentioned in the invitation for bid and Conditions of Contract furnished by you and have thoroughly examined the specifications quoted in the bid document/drawings hereto and are fully aware of the nature of the scope of work required and my/our offer is to comply strictly in accordance with the requirement and the terms and conditions mentioned above.

Yours faithfully,

SIGNATURE OF THE BIDDER

SCHEDULE III

CAPABILITY CERTIFICATE

(To be submitted in the letter pad of the firm indicating full name and address, telephone & fax numbers etc.)

I/We have the financial capability to execute the work and complete the same within the specified time period (3 weeks). The delay, if any, in taking measurements, certification of bills, submission of bills and release of payments will not affect the progress and completion of work. I have read all the terms and conditions of the tender document including payment terms and confirm my acceptance of the same.

SIGNATURE OF THE BIDDER WITH SEAL

SCHEDULE IV

PROFORMA FOR PERFORMANCE STATEMENT

Proforma for Performance Statement (for a period of last 3 year)

Name of the Tenderer:.....

GST No:

PAN No:

Name & Address of the Tenderer / Service Provider:.....

.....

Order placed by <i>(Full Address of Company / Consignee)</i>	Order No. and Date	Description and quantity of ordered work and service	Value of order	Date of Completion of Contract		Remarks indicating reasons for delay, if any	Have the works been satisfactorily completed? <i>(Attach a documentary proof from the client)</i>
				As per Contract	Actual		

We hereby certify that if at any time, information furnished by us is proved to be false or incorrect; we are liable for any action as deemed fit by the Company in addition to forfeiture of earnest money.

Signature and Seal of the Bidder.....

.....

SCHEDULE V**SCHEDULE OF WORK****Sub: Civil And Electrical works for setting up of New Warehouse at Ranipur, Ahmedabad,Gujarat - reg.**

Item no.	Specification	Unit	Quantity	Rate	Amount in Rs
A	CIVIL WORKS				
	Aluminum Fabrication Works				
1	Providing and fixing aluminium work for doors, windows, ventilators and partitions with extruded built up standard tubular sections/ appropriate Z sections and other sections of approved make conforming to IS: 733 and IS: 1285, fixing with dash fasteners of required dia and size, including necessary filling up the gaps at junctions, i.e. at top, bottom and sides with required EPDM rubber/ neoprene gasket etc. Aluminium sections shall be smooth, rust free, straight, mitred and jointed mechanically wherever required including cleat angle, Aluminium snap beading for glazing / paneling, C.P. brass / stainless steel screws, all complete as per architectural drawings and the directions of Engineer-in-charge. (Glazing and paneling to be paid for separately) :				
1.1	For fixed portion:Powder coated aluminium (minimum thickness of powder coating 50 micron)	Kg	750.00		
1.2	b) For shutters of doors, windows and ventilators including providing and fixing hinges /pivots and making provision for fixing of fittings wherever required including the cost of P.V.C / neoprene gasket required (Fittings shall be paid for separately) . Powder coated aluminium	Kg	140.00		
2	Providing and fixing 12 mm thick prelaminated particle board flat pressed three layer or graded wood particle board conforming to IS: 12823 Grade I Type II, in panelling fixed in aluminum doors, windows shutters and partition frames with C.P. brass / stainless steel screws etc. complete as per architectural drawings and directions of engineer-in-charge.	Sqm	65.00		
3	Providing and fixing glazing in aluminium door, window, ventilator shutters and partitions etc.with EPDM rubber / neoprene gasket etc.complete as per the architectural drawings and the directions of Engineer-in-charge. With float glass panes of 5.50/6 mm thickness.	Sqm	140.00		
4	Providing and fixing aluminium die cast body tubular type universal hydraulic door closer (having brand logo with ISI, IS : 3564, embossed on the body, door weight upto 35 kg and door width upto 700 mm), with necessary accessories and screws etc. complete	Each	6.00		
5	Providing and fixing aluminium hanging floor door stopper, ISI marked,anodised (anodic coating not less than grade AC 10 as per IS : 1868) transparent or dyed to required colour and shade, with necessary screws etc. complete.Twin rubber stopper	Each	10.00		
6	Filling the gap in between aluminium frame & adjacent RCC/ Brick/ Stone work by providing weather silicon sealant over backer rod of approved quality as per architectural drawings and direction of Engineer-in-charge complete.Upto 5mm depth and 5 mm width	Metre	36.00		
7	Providing and fixing bright finished brass handles with screws etc. complete: 125 mm	Each	4.00		

SCHEDULE V**SCHEDULE OF WORK****Sub: Civil And Electrical works for setting up of New Warehouse at Ranipur, Ahmedabad,Gujarat - reg.**

Item no.	Specification	Unit	Quantity	Rate	Amount in Rs
8	Providing and fixing aluminium handles, ISI marked, anodised (anodic coating not less than grade AC 10 as per IS : 1868) transparent or dyed to required colour or shade, with necessary screws etc. complete : 125 mm	Each	16.00		
9	Providing and fixing aluminium tower bolts, ISI marked, anodised (anodic coating not less than grade AC 10 as per IS : 1868) transparent or dyed to required colour or shade, with necessary screws etc. complete :300x10 mm	Each	24.00		
10	Providing and fixing bright finished brass 100 mm mortice latch and lock with 6 levers and a pair of lever handles of approved quality with necessary screws etc. complete.	Each	7.00		
11	Providing and sticking Frosted Crystal Glass Film on glass panes in partition , doors etc.	Sqm	190.00		
Workstation and OH storage Works					
12	Providing and fixing Pre-laminated flat pressed 3 layer (medium density) particle board or graded wood particle board IS : 3087 marked, with one side decorative and other side balancing lamination Grade I, Type II exterior grade IS : 12823 marked, in shelves and cupboard works with screws and fittings wherever required, edges to be fixed with colour matching PVC edge beading (Hinges,Handles,Locks, magnetic catchers and Drawer channels to be paid separately). 18 mm thick	Sqm	63.00		
13	Providing and fixing IS : 12817 marked stainless steel butt hinges with stainless steel screws etc. complete : 50x37x1.50 mm	Each	74.00		
14	Providing and fixing special quality bright finished brass cupboard or ward robe locks with four levers of approved quality including necessary screws etc. complete. 50 mm	Each	34.00		
15	Providing and fixing chromium plated brass 50 mm cupboard or wardrobe knobs with nuts complete.	Each	48.00		
16	Providing and fixing powder coated telescopic drawer channels 300 mm long with necessary screws etc. complete as per directions of Engineerincharge.	one set	20.00		
17	Providing and fixing magnetic catcher of approved quality in cupboard /ward robe shutters, including fixing with necessary screws etc. complete.Triple strip vertical type	Each	38.00		
18	Providing and fixing 12 mm thick frameless toughened glass of approved brand and manufacture over work station as partition , including making in to the given design, fittings etc. all complete as per direction of Engineer-in-charge .	Sqm	3.00		
Sub Total for Civil Works					

SCHEDULE V

SCHEDULE OF WORK

Sub: Civil And Electrical works for setting up of New Warehouse at Ranipur, Ahmedabad,Gujarat - reg.

Item no.	Specification	Unit	Quantity	Rate	Amount in Rs
B	ELECTRICAL WORK				
	Wiring				
1	Point wiring in PVC conduit, with Modular type switch: Wiring for light point/ fan point/ exhaust fan point/ call bell point with 1.5 sq.mm FRLS PVC insulated copper conductor single core cable in surface / recessed medium class PVC conduit, with modular switch, modular plate, suitable GI box and earthing the point with 1.5 sq.mm. FRLS PVC insulated copper conductor single core cable etc as required - Group C(Recommended Makes: RRKabel/National/Ralison/RKG /Finolex/Polycab / Havells)	Point	120		
2	Wiring for circuit/ submain wiring alongwith earth wire with the following sizes of FRLS PVC insulated copper conductor, single core cable in surface/ recessed medium class PVC conduit as required.(Recommended Material : RR Kabel/National/ Ralison/RKG/ Finolex / Polycab / Havells)				
a)	2 X 1.5 sq. mm + 1 X 1.5 sq. mm earth wire	Metre	105.00		
b)	2 X 2.5 sq. mm + 1 X 2.5 sq. mm earth wire	Metre	310.00		
c)	2 X 4 sq. mm + 1 X 4 sq. mm earth wire	Metre	205.00		
d)	2 X 6 sq. mm + 1 X 6 sq. mm earth wire	Metre	375.00		
3	Supplying and fixing of following sizes of medium class PVC conduit (ISI brand) along with accessories in surface/recess including cutting the wall and making good the same in case of recessed conduit as required.				
a)	25 mm	Metre	300.00		
4	S/F light plug point modular type accessories(1x5A RAW Power POint) : Supplying and fixing suitable size GI box with modular plate and cover in front on surface or in recess, including providing and fixing 3 pin 5/6 amps modular socket outlet and 5/6 amps modular switch, connection,painting etc as required,	Each	20.00		
5	S/F light plug point modular type accessories(2x5A UPS Power Point) : Supplying and fixing suitable size GI box with modular plate and cover in front on surface or in recess, including providing and fixing 2 Nos. 3 pin 5/6 amps modular socket outlet and 2 Nos. 5/6 amps modular switch, connection,painting etc as required,	Each	20.00		
6	S/F Power plug point with modular type switch : Supplying and fixing suitable size GI box with modular plate and cover in front on surface or in recess, including providing and fixing 6 pin 15/16 and 15/16 amps modular switch, connection,painting etc as required.	Each	7.00		
7	Supplying and fixing two module stepped type electronic fan regulator on the existing modular plate switch box including connections but excluding modular plate etc. as required.	Each	8.00		

SCHEDULE V**SCHEDULE OF WORK****Sub: Civil And Electrical works for setting up of New Warehouse at Ranipur, Ahmedabad,Gujarat - reg.**

Item no.	Specification	Unit	Quantity	Rate	Amount in Rs
8	S/F 20A SPN MCB industrial socket outlet : Supplying and fixing 20 A, 240 V, SPN Industrial type socket outlet, with 2 pole and earth, metal enclosed plug top alongwith 20 A, "C" curve, SP, MCB, in sheet steel enclosure, on surface or in recess, with chained metal cover for the socket out let and complete with connections, testing and commissioning etc. as required.	Each	3.00		
9	S/F Modular boxes, base & cover plate : Supplying and fixing 1 or 2 module (75 mmx75 mm),GI box along with modular base, cover plate for modular switches in recess etc as required.	Each	20.00		
10	RJ-45 socket outlet	Each	20.00		
11	Supplying and drawing of UTP 4 pair CAT 6 LAN Cable in the existing surface/ recessed Steel/ PVC conduit as required. 1 run of cable	Metre	600.00		
MCCB, MCB & DB'S					
12	Supplying and fixing following way, single pole and neutral, sheet steel, MCB distribution board, 240 V, on surface/ recess,complete with tinned copper bus bar, neutral bus bar, earth bar,din bar, interconnections, powder painted including earthing etc.as required. (But without MCB/RCCB/Isolator) 12 way, Double door	Each	3.00		
13	Supplying and fixing following way, horizontal type three pole and neutral, sheet steel, MCB distribution board, 230 V, on surface/ recess, complete with tinned copper bus bar, neutral bus bar, earth bar, din bar, interconnections, powder painted including earthing etc. as required. 6 way (4 + 18), Double door	Each	3.00		
14	Supplying and fixing of following ways surface/ recess mounting, vertical type, 415 V, TPN MCB distribution board of sheet steel,dust protected, duly powder painted, inclusive of 200 A, tinned copper bus bar, common neutral link, earth bar, din bar for mounting MCBs (but without MCBs and incomer) as required. (Note : Vertical type MCB TPDB is normally used where 3 phase outlets are required.) 8 way (4 + 24), Double door	Each	2.00		
15	S/F 'C' series, MCB : Supplying and fixing 5 amps to 32 amps rating, 240/415 volts, "C" curve, miniature circuit breaker suitable for inductive load of following poles in the existing MCB DB complete with connections, testing and commissioning etc. as required.				
a.	Single pole	Each	45.00		
c.	Triple pole	Each	12.00		
16	Supplying and fixing following rating, double pole, 240 V, isolator in the existing MCB DB complete with connections, testing and commissioning etc. as required. 40 A	Each	3.00		
17	Supplying and fixing following rating, four pole, 415 V, isolator in the existing MCB DB complete with connections, testing and commissioning etc. as required.40 A	Each	3.00		

SCHEDULE V					
SCHEDULE OF WORK					
Sub: Civil And Electrical works for setting up of New Warehouse at Ranipur, Ahmedabad,Gujarat - reg.					
Item no.	Specification	Unit	Quantity	Rate	Amount in Rs
18	Supplying and fixing following rating, double pole, (single phase and neutral), 240 V, residual current circuit breaker (RCCB),having a sensitivity current 30 mA in the existing MCB DBcomplete with connections, testing and commissioning etc. as required. 40A	Each	3.00		
19	Supplying and fixing following rating, four pole, (three phase and neutral), 415 V, residual current circuit breaker (RCCB), having a sensitivity current 30 mA in the existing MCB DB complete with connections, testing and commissioning etc. as required. 40A	Each	3.00		
20	Supplying and fixing Cable End Box (Loose wire box)(IP 43) suitable for following triple pole and neutral, sheet steel, MCB distribution board, 415 V, on surface/ recess, complete with testing and commissioning etc. as required. For 6 way, Double door TPN MCBDB	Each	3.00		
21	Supplying and fixing Cable End Box (Loose wire box)(IP 43) suitable for following single pole and neutral, sheet steel, MCB distribution board, 240 V, on surface/ recess, complete with testing and commissioning etc. as required. For 14 way, Double door SPN MCBDB	Each	3.00		
Light /Fan Fittings					
22	Supply, installation, testing and commissioning of the following types of light fittings with all accessories on false ceiling, true ceiling or wall as directed and giving connections with 16/0.20 mm 3 core PVC insulated and sheathed round copper conductor flex wire or extending the original wiring and giving connections as required. All recessed type fixtures are to be supported independently with chains or GI wire anchored to the ceiling with anchoring bolt of necessary size. All loose wires above the false ceiling are to be neatly concealed by flexible metal/pvc conduits.(cost to include lamps & all consumables also)				
a	15W 4000k LED luminaire with High translucent diffuser gives soft glare free light & complete with electronic driver including all required mounting accessories complete.(Havells DIVA (SURFACE) - 15W or equivalent)	Each	14		
b	1x28 W LED Tube light fitting Surface Mountable with decorative end caps and all connections complete (Havells , Philips, Bajaj or equivalent)	Each	98.00		
c	1X9 W CFL Lamp with brass battern holder	Each	4.00		
d	Supply, Installation, testing and commissioning of wall mount fan (400mm sweep), adjustable speed . min 60 degree oscillation, swing, Adjustable upward and downward tilt mechanism, Protective Guard, Including connections with 1.5 sq. mm FRLS PVC insulated, copper conductor, single core cable, mounting accessories, etc. as required. It shall be double ball bearing type. (Make : USHA, Cromption , Havells)	Nos.	4		

SCHEDULE V**SCHEDULE OF WORK****Sub: Civil And Electrical works for setting up of New Warehouse at Ranipur, Ahmedabad,Gujarat - reg.**

Item no.	Specification	Unit	Quantity	Rate	Amount in Rs
e	Supply, Installation, testing and commissioning 1200mm ceiling fan Including connections with 1.5 sq. mm FRLS PVC insulated, copper conductor, single core cable, mounting accessories including providing down rod of required size, etc. as required. It shall be double ball bearing type. (Make : USHA, Cromption , Havells,Almonard or equivalent)	Nos.	8		
f	Supply, Installation, testing and commissioning of 250mm ,Single Phase,light duty,upto 900rpm,exhaust fan in metal frame with connections complete. Cost shall include making openings and finishing the walls as required complete.	Nos.	3		
g	Supply, Installation, testing and commissioning of 250mm ,Single Phase,light duty,upto 1500rpm,exhaust fan in metal frame, Cost shall include making openings and finishing the walls as required complete.	Nos.	5		
Metering					
23	Supply, Installation, testing & commissioning of 3 phase 4 wire electronic type energy meter with LCD display with battery back up, class 1.00 CT with inbuilt CT. The whole unit to be mounted on suitable metal enclosure (powder coated with locking arrangement, seperate enclosure for incoming and outgoing) with 3 Nos. HRC fuses, Neutral Link and all connections complete.	Set	1		
Cable / Earthing					
24	Earthing with G.I. earth pipe 4.5 meter long, 40 mm dia including accessories, and providing masonry enclosure with cover plate having locking arrangement and watering pipe etc. with charcoal/ coke and salt as required.	Each	2		
25	Providing and fixing 4.00 mm dia copper wire on surface or in recess for loop earthing as required.	Metre	100		
26	Supply and laying of following size 1.1 KV grade XLPE insulated, PVC sheathed, armoured Aluminium conductor power cable conforming to IS 7098 (Part 1) amended upto date.(including termination on both ends, laying as per site condition) 4C x 16 Sq.mm	Metre	50.00		
27	Supply and laying of following size 1.1 KV grade XLPE insulated, PVC sheathed, armoured Aluminium conductor power cable conforming to IS 7098 (Part 1) amended upto date.(including termination on both ends, laying as per site condition) 4C x 10 Sq.mm	Metre	120.00		
28	24 Port Network Switch : Supply and Installation at site : 10/100 Mbps 8-Ports Gigabit Switch . (Make : D-Link DGS-1024D or equivalent)	Set	1		
Fire Safety					
29	Supply of ABC Type fire extinguisher of 2 Kgs. Make SAFEX / MINIMAX / CEASEFIRE or equivalent	Nos.	3		
30	Supply of ABC Type fire extinguisher of 5 Kgs Make SAFEX / MINIMAX / CEASEFIRE or equivalent	Nos.	3		

SCHEDULE V

SCHEDULE OF WORK

Sub: Civil And Electrical works for setting up of New Warehouse at Ranipur, Ahmedabad,Gujarat - reg.

Item no.	Specification	Unit	Quantity	Rate	Amount in Rs
31	Supply, fabrication and fixing 3 nos MS Fire buckets on suitable fabricated MS angle iron stand with hook, painting with red paint & filled with dry sand as required with all required accessories.	set	1		
CCTV-Security System					
	Supply ,Installation ,Testing & commissioning of the following items :				
32	Indoor IR Dome camera : 1/3" CCD or equiv, 1.0 lux,AWB / BLC / AGC , min 20m range, Built-in IR illumination, white color case, PAL-CE/FCC approved., make CP PLUS or equivalent	Nos.	26		
33	Outdoor IR Bullet camera : 1/3" CCD or equivalent, 1.0 lux,AWB / BLC / AGC , ,min 20m range,Built-in IR illumination, white color case, DC12V, PAL-CE/FCC approved., make CP Plus or equivalent	Nos.	1		
34	Power supply unit for above camera as specified by camera manufacturer -12VDC 10A	Nos.	3		
35	Digital Video Recorder :Digital Video Recorder : 32-Channel Hybrid HD DVR, 400fps, Real-time, with 8 TB HDD and expandable, English OSD, 230VAC, make CP Plus or equivalent	Nos.	1		
36	21" LED Color Monitors. make (LG/Samsung)	Nos.	1		
37	Supply and Laying of Multi core CCTV cables from DVR to camera for with ISI marked PVC conduit including terminations, etc complete. Make Technoflex/Neolex/Finolex	Metre	600		
38	Supply and Fixing of BNC connectors of approved make	Nos.	26		
Split AC - Inverter Type					
39	Supply, installation, testing and commissioning of Inverter type Air Cooled High Wall mounted Split Air Conditioner of following capacity consisting of high wall mounted type room unit (fan coil) with cordless remote control and one number outdoor condensing unit comprising of energy efficient suitable rotary compressor for operation on single phase, 230 V, 50Hz supply, fixing the outdoor unit on a raised platform as per manufacturers recommendation and fixing of room (fan coil) unit on wall, standard 4 m distance refrigerant copper piping with 13mm nitrile rubber insulation, providing and making interconnection between room & condenser as per site conditions, comprising of 1" dia drain PVC pipe with insulation 4m, canvas connections, full electrical cabling from power plug near indoor unit and to outdoor unit, ODU MS stand, first charge refrigerant gas, suitable stabilizer etc complete as required. (Make : Voltas , Blue Star, Siemens, Hitachi)				
	2 TR 3 star rated as per BEE	Nos	3		
40	Water Dispenser: Supply and Installation at Site Water Dispenser as per the following specification :Capable of dispensing Hot, normal and cold water, Power: rating 500 watts; Operating Voltage: 230 volts, with Heating Capacity: 5 liters/hour, storage compartment, auto-shut off, minimum year manufacturer warranty.(Make : Voltas Mini Magic Pure-F or equivalent)	Nos.	1		
Sub Total for Electrical Works					

SCHEDULE V

SCHEDULE OF WORK

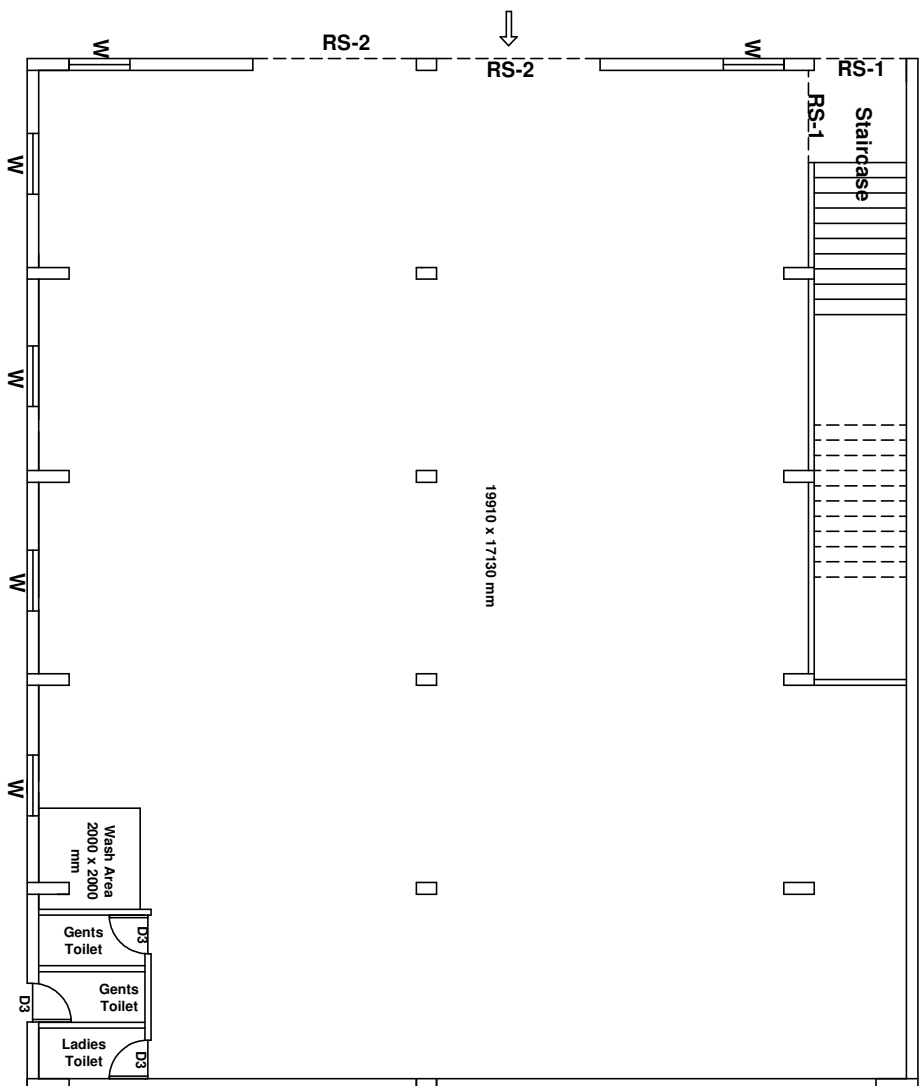
Sub: Civil And Electrical works for setting up of New Warehouse at Ranipur, Ahmedabad,Gujarat - reg.

Item no.	Specification	Unit	Quantity	Rate	Amount in Rs
	Grand Total For Civil and Electrical Work			Rs	
	GST @ 18%			Rs	
	GRAND TOTAL (Including GST @ 18%)			Rs	

Grand Total in words Rupees.....
.....
.....

I AGREE TO EXECUTE THE WORKS AS PER THE RATES QUOTED ABOVE

Signature of Contractor

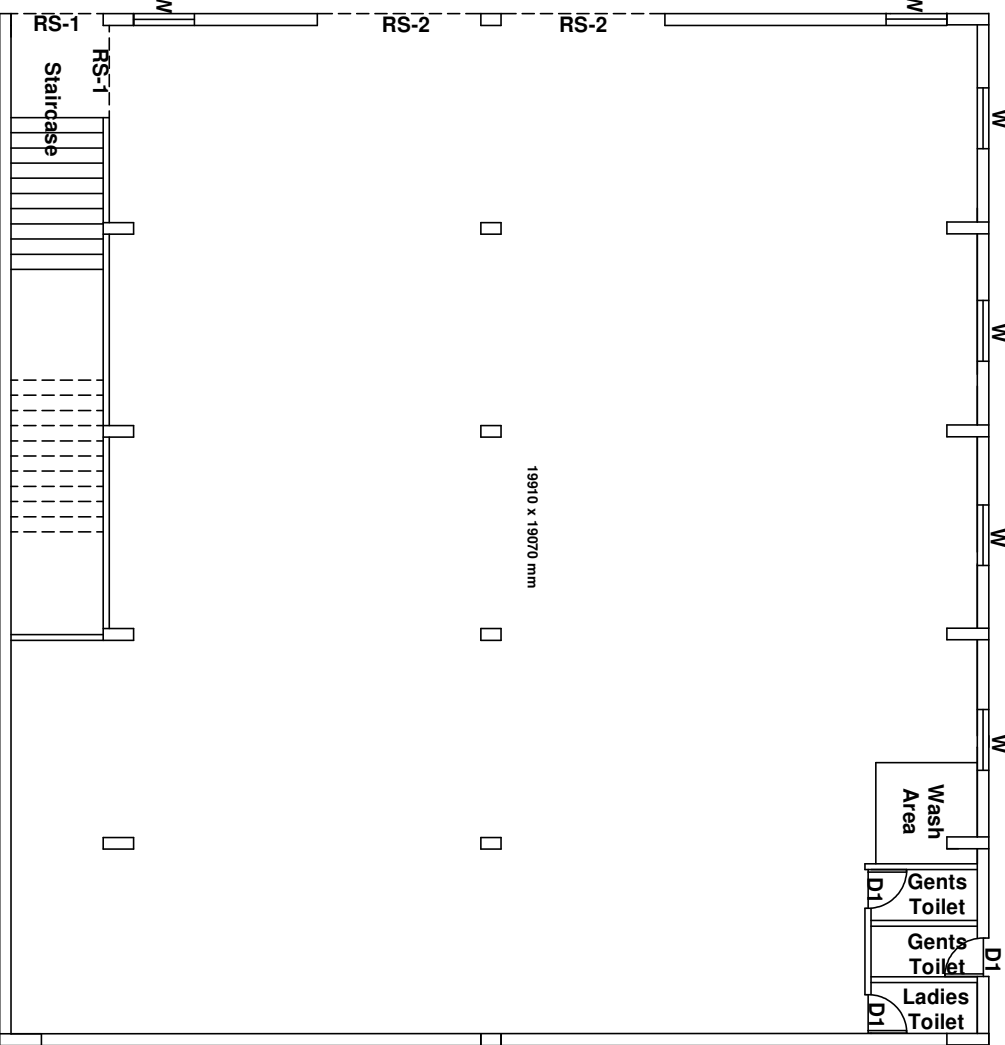
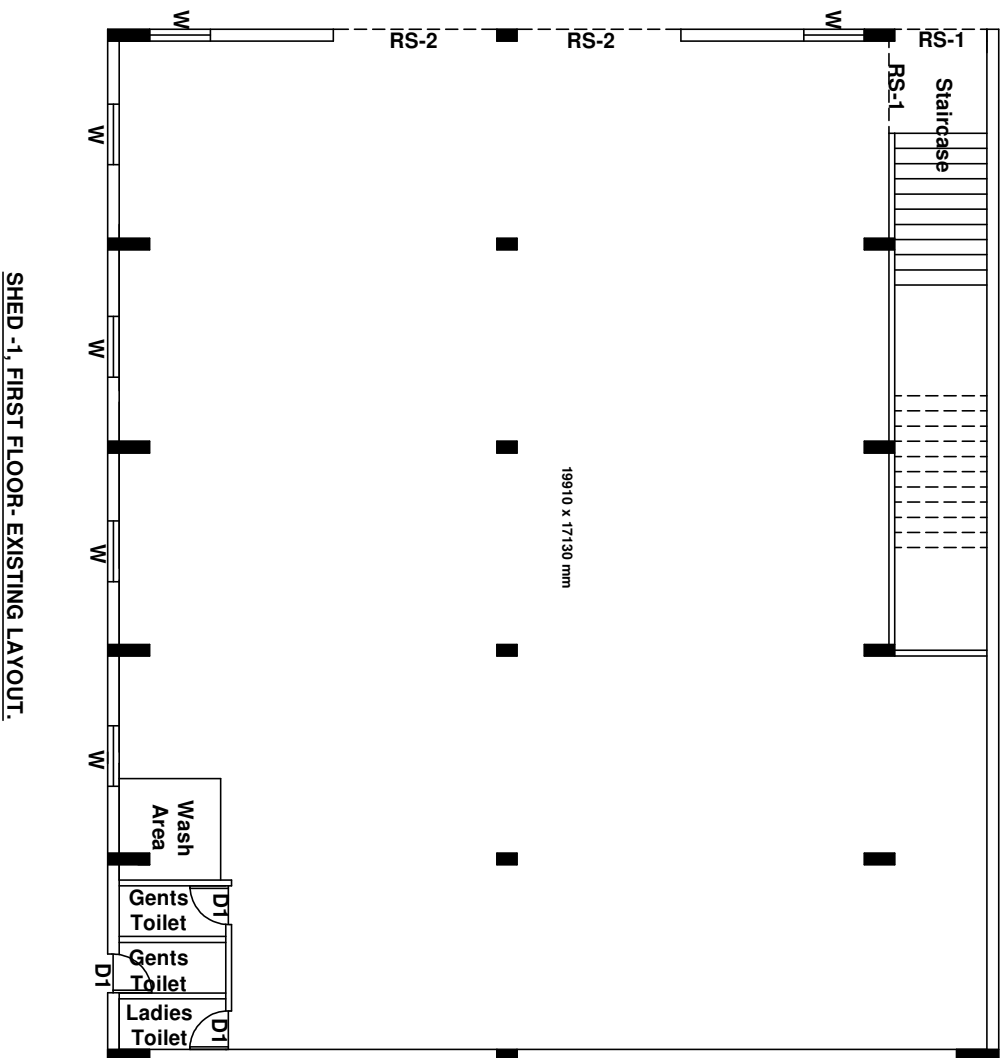


GROUND FLOOR- EXISTING LAYOUT.

Sl No	Particular	Description
07	D3	Door Width 760 mm
04	V	Ventilator W 600 mm
03	W	Window W 1200 mm
02	RS-2	Rolling Shutter W 3230 mm
01	RS-1	Rolling Shutter W 1960 mm

PLACE: RANIPUR, AHMEDABAD	HLL Lifecare Limited Thiruvananthapuram	AREA: -
DRAWN BY: SARATH	TITLE: HLL NEW WAREHOUSE AT RANIPUR, AHMEDABAD. EXISTING LAYOUT	
CHECKED BY: ASWATHY		
APPROVED BY: NTS		
DATE: 22-05-2018	DRG NO: HLL-PROJ-RBD-GUJ-WH-001	
SCALE: ALL DIMENSIONS ARE IN MILLIMETER	SHEET NO : 01 OF 02	REV: 00 DATE: 22.05.2018

All Dimensions are in Millimeter

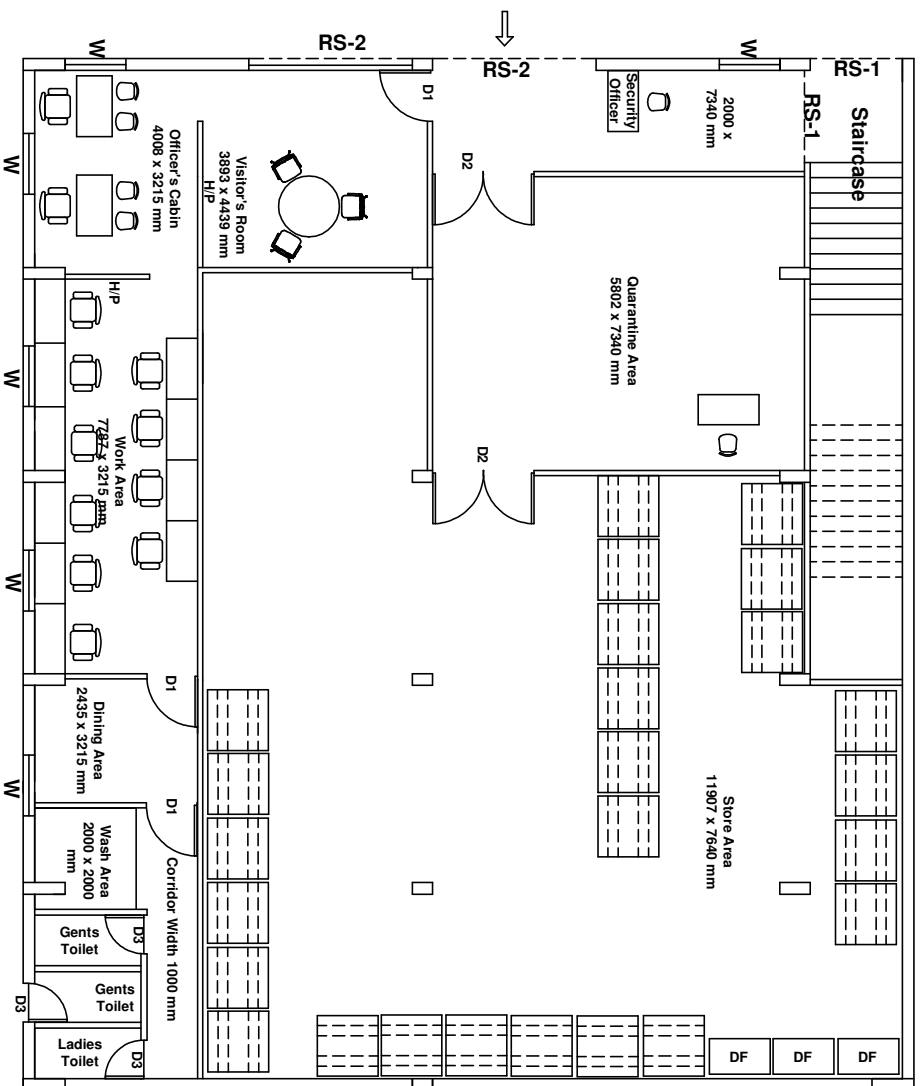


SHED -1, FIRST FLOOR - EXISTING LAYOUT.

SHED -3, FIRST FLOOR - EXISTING LAYOUT.

PLACE: RANIPUR, AHMEDABAD	HLL Lifecare Limited Thiruvananthapuram	AREA: -
DRAWN BY: SARATH	TITLE: HLL NEW WAREHOUSE AT RANIPUR, AHMEDABAD - EXISTING LAYOUT	
CHECKED BY: ASWATHY		
APPROVED BY: NTS		
DATE: 22-05-2018	DRG NO: HLL-PROJ-RBD-GUJ-WH-001	
SCALE: ALL DIMENSIONS ARE IN MILLIMETER	SHEET NO : 02 OF 02	REV: 00 DATE: 22.05.2018

All Dimensions are in Millimeter

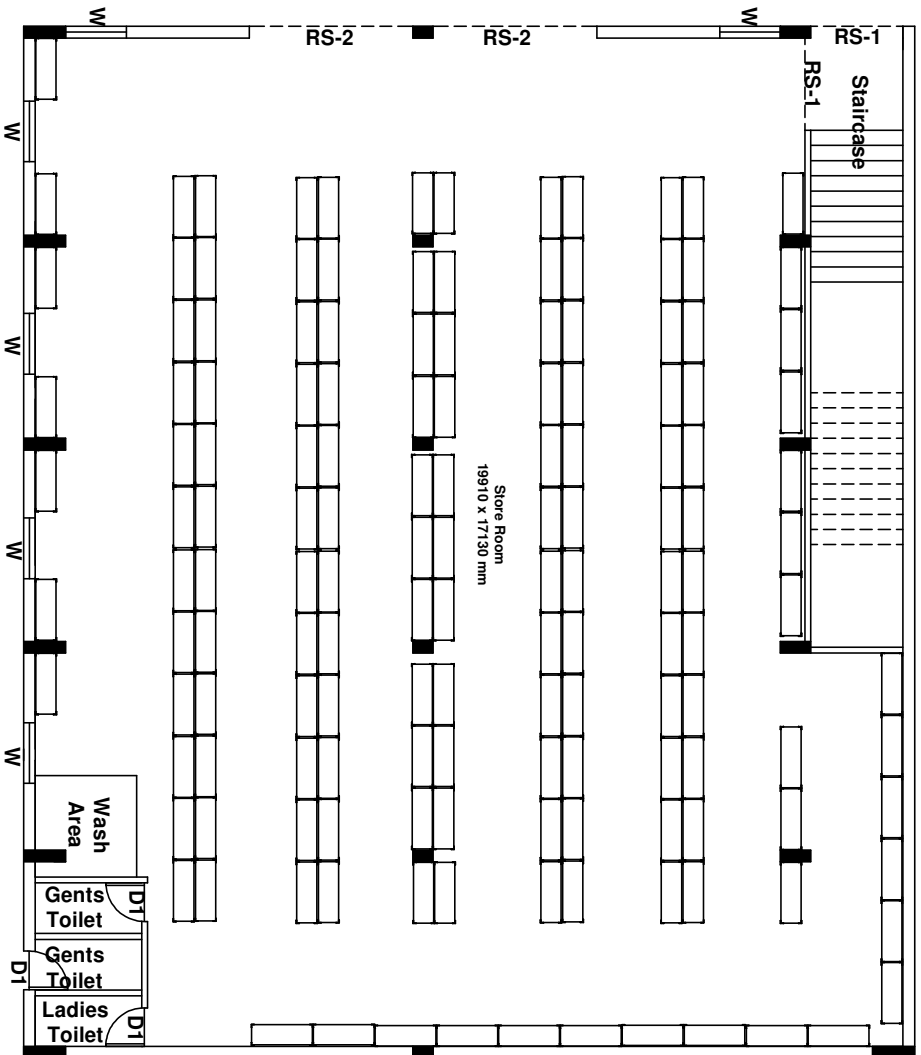


GROUND FLOOR- PROPOSED LAYOUT.

08	H/P	Half Partition.
07	D3	Door Width 760 mm
06	D2	Door Width 2000 mm
05	D1	Door Width 1000 mm
04	V	Ventilator W 600 mm
03	W	Window W 1200 mm
02	RS-2	Rolling Shutter W 3230 mm
01	RS-1	Rolling Shutter W 1960 mm
SI No	Particular	Description

HLL Lifecare Limited Thiruvananthapuram		AREA: -
TITLE:- HLL NEW WAREHOUSE AT RANIPUR, AHMEDABAD-PROPOSED LAYOUT		
PLACE: RANIPUR, AHMEDABAD	DRAWN BY: SARATH	
CHECKED BY: ASWATHY	APPROVED BY: NTS	
DATE: 22-05-2018	SCALE: NTS	
DRG NO: HLL-PROJ-RBD-GUJ-WH-002	SHEET NO : 01 OF 02	REV: 00 DATE: 22.05.2018

All Dimensions are in Millimeter

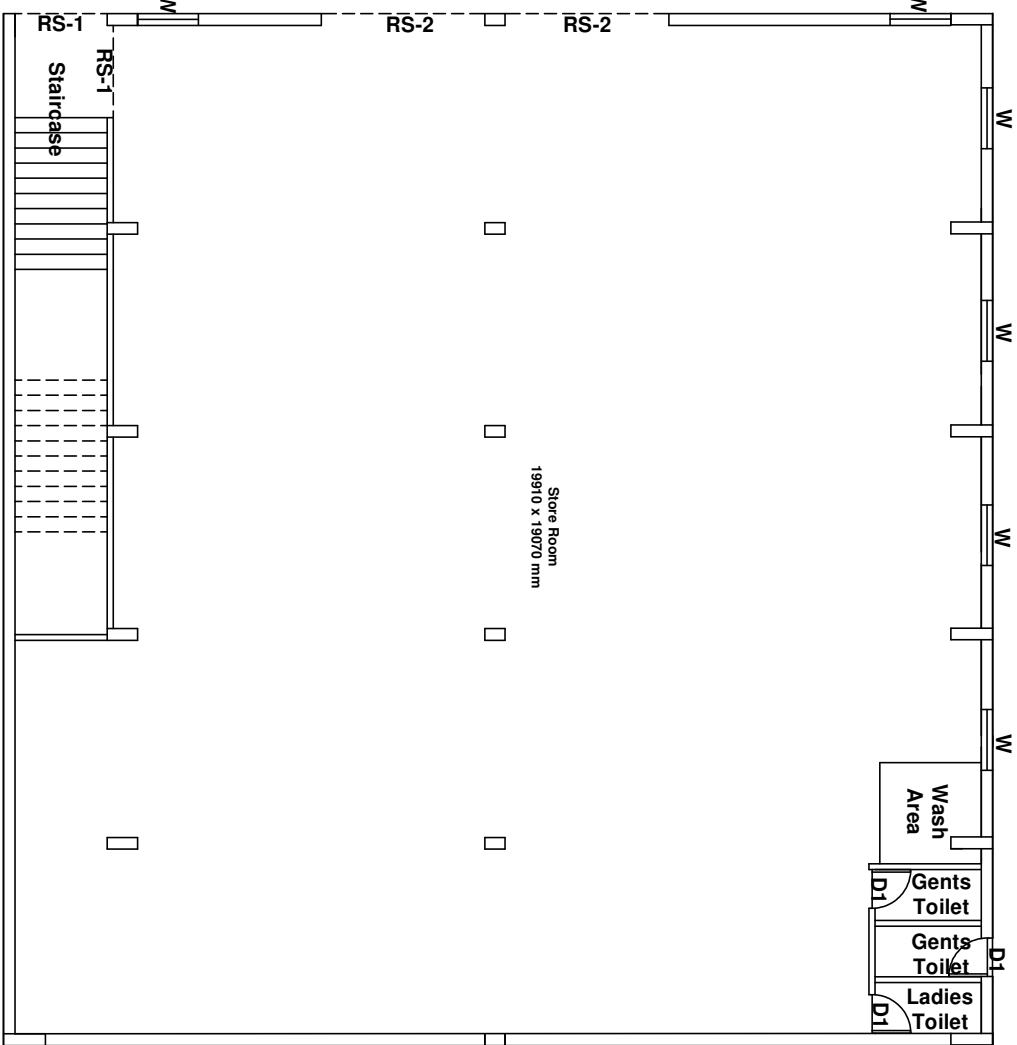


SHED -1, FIRST FLOOR- PROPOSED LAYOUT.

Slotted Angle Rack Size :1200 x 400 x 2400 mm

No. of Slotted Angle Racks :

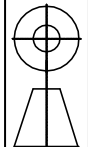
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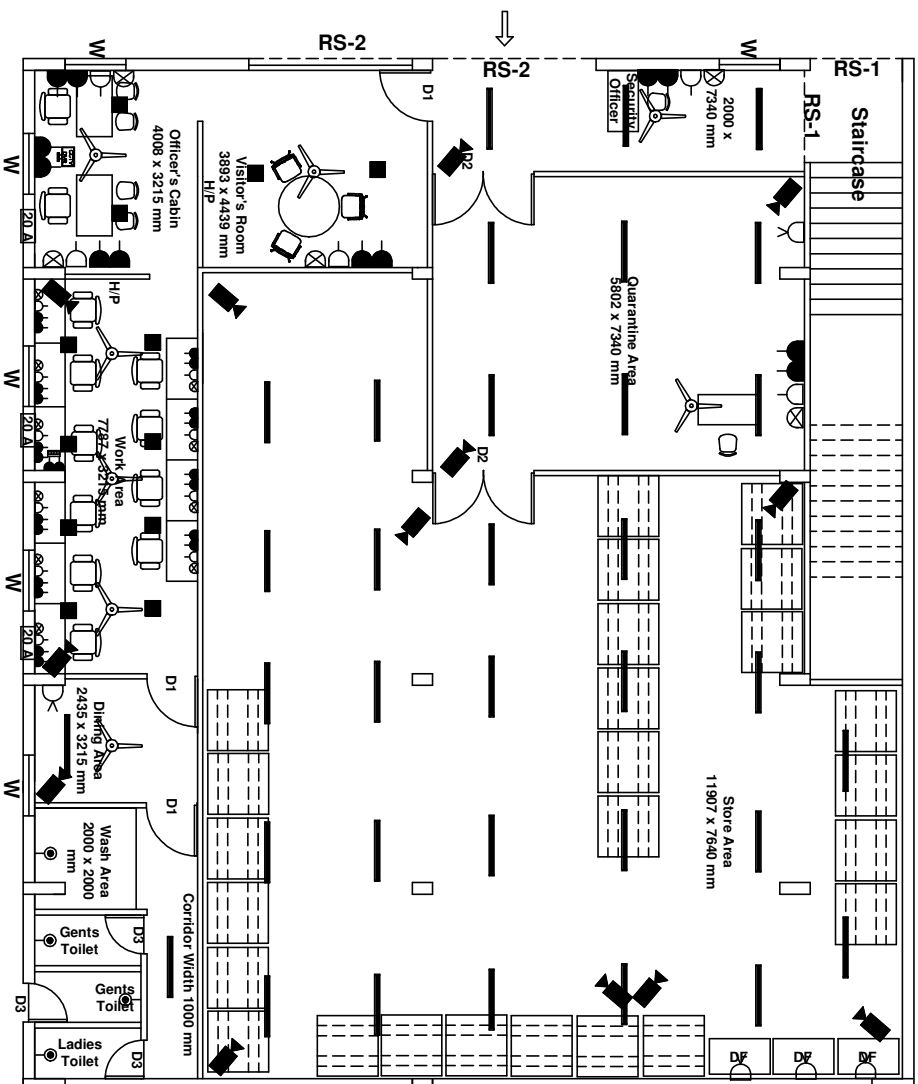


SHED -3, FIRST FLOOR- PROPOSED LAYOUT.

All Dimensions are in Millimeter

PLACE: RANIPUR, AHMEDABAD	HLL Lifecare Limited Thiruvananthapuram	AREA: -
DRAWN BY: SARATH	TITLE: HLL NEW WAREHOUSE AT RANIPUR, AHMEDABAD-PROPOSED LAYOUT	
CHECKED BY: ASWATHY		
APPROVED BY: NTS		
DATE: 22-05-2018	DRG NO: HLL-PROJ-RBD-GUJ-WH-002	
SCALE: ALL DIMENSIONS ARE IN MILLIMETER	SHEET NO : 02 OF 02	REV: 00 DATE: 22.05.2018





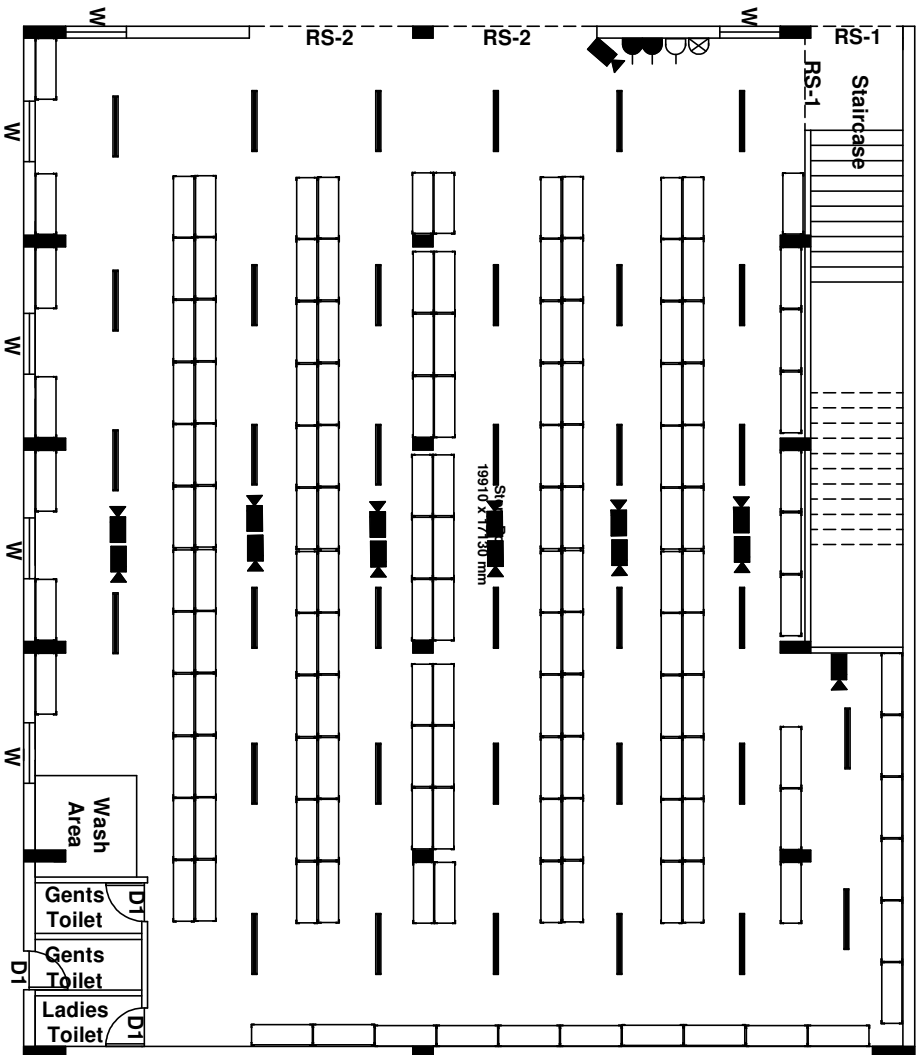
GROUND FLOOR- PROPOSED ELECTRICAL LAYOUT.

12		24 Port Network Switch
11		RJ-45 Network Point
10		CCTV DVR Position
09		CCTV Camera
08		1200 mm Sweep Ceiling Fan
07		1 x 9 W CFL Lamp Holder
06		1 x 15 W LED Recess Type Fitting
05		1 x 40 W Tube Light Fitting
04		20 A Power Socket for A/C
03		15 A Normal Power Socket
02		5A UPS Power Socket
01		5 A Normal Power Socket
SI No	Particular	Description

08	H/P	Half Partition.
07	D3	Door Width 760 mm
06	D2	Door Width 2000 mm
05	D1	Door Width 1000 mm
04	V	Ventilator W 600 mm
03	W	Window W 1200 mm
02	RS-2	Rolling Shutter W 3230 mm
01	RS-1	Rolling Shutter W 1960 mm
SI No	Particular	Description

HLL Lifecare Limited Thiruvananthapuram		AREA: -
PLACE: RANIPUR, AHMEDABAD	DRAWN BY: SARATH	
CHECKED BY: ASWATHY	APPROVED BY: NTS	
DATE: 22-05-2018	DRG NO: HLL-PROJ-RBD-GUJ-WH-003	REV:-00 DATE:- 22.05.2018
SCALE: ALL DIMENSIONS ARE IN MILLIMETER	SHEET NO : 01 OF 02	

All Dimensions are in Millimeter.

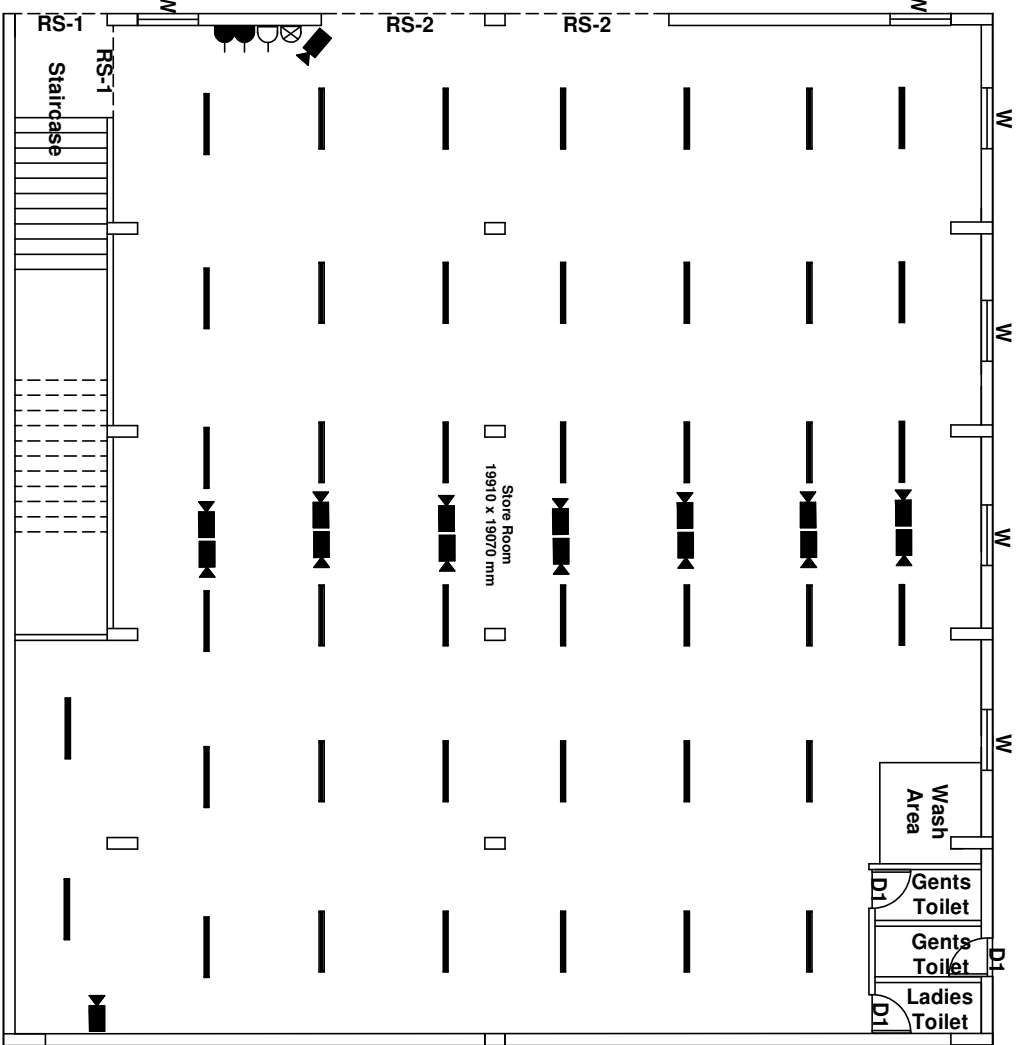


SHED -1, FIRST FLOOR- PROPOSED LAYOUT.

Slotted Angle Rack Size :1200 x 400 x 2400 mm

No. of Slotted Angle Racks :

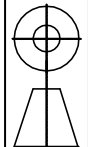
for Shed- 1 : 151 Nos

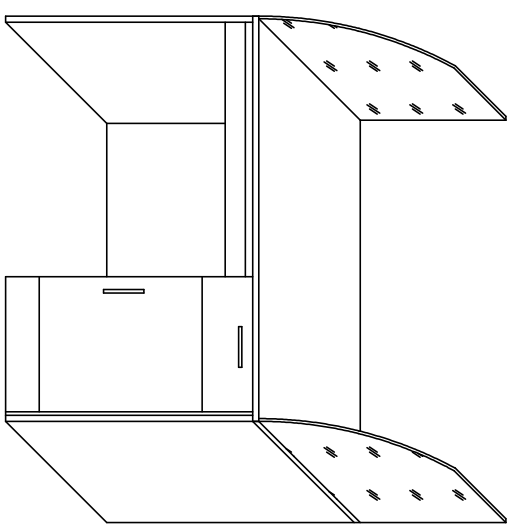
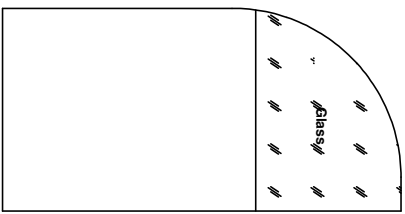
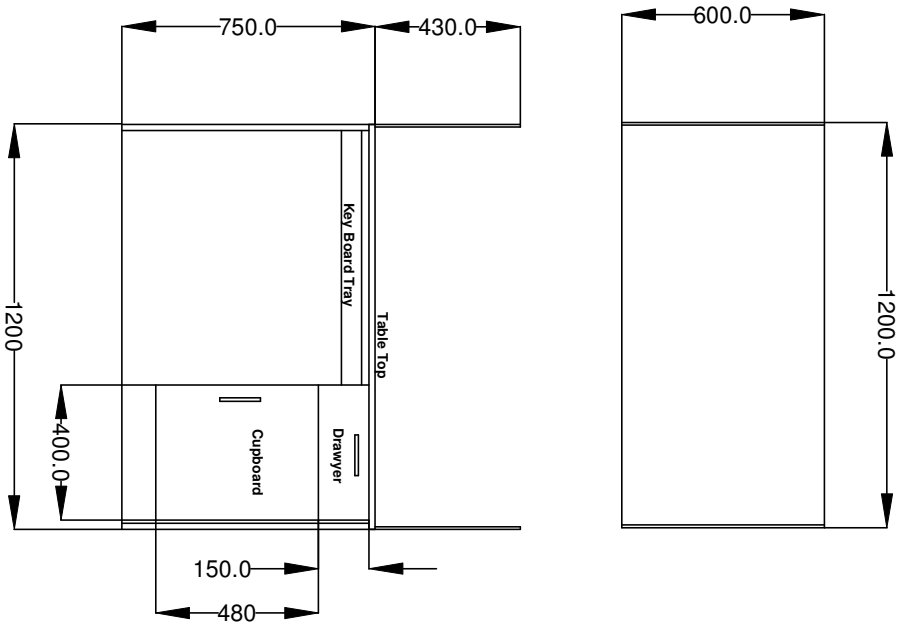


SHED -3, FIRST FLOOR- PROPOSED LAYOUT.

All Dimensions are in Millimeter

PLACE: RANIPUR, AHMEDABAD	HLL Lifecare Limited Thiruvananthapuram	AREA: -
DRAWN BY: SARATH	TITLE: HLL NEW WAREHOUSE AT RANIPUR, AHMEDABAD-PROPOSED LAYOUT - ELECTRICAL	
CHECKED BY: ASWATHY		
APPROVED BY:		
DATE: 22-05-2018	DRG NO: HLL-PROJ-RBD-GUJ-WH-003	REV:00
SCALE: NTS	SHEET NO : 02 OF 02	DATE: 28.05.2018

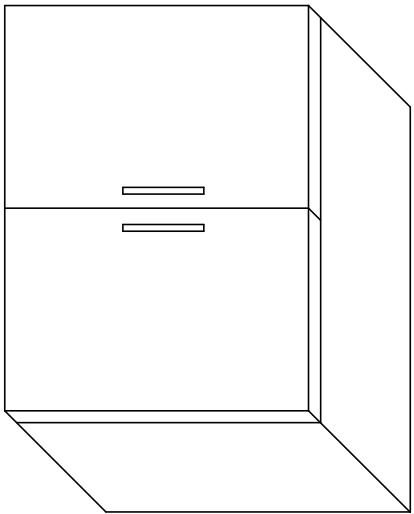
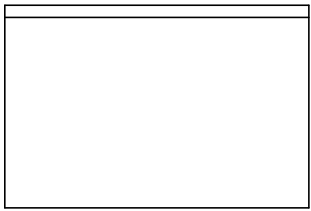
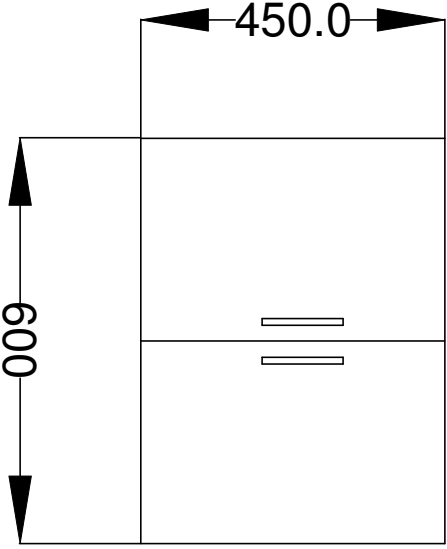
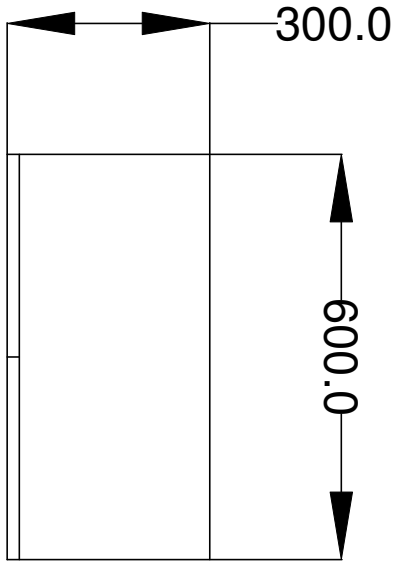




Materials :
As Specified in Schedule

PLACE: RANIPUR, AHMEDABAD		HLL Lifecare Limited	AREA: —
DRAWN BY: SARATH		Thiruvananthapuram	
CHECKED BY: AJITH		TITLE:- HLL NEW WAREHOUSE AT RANIPUR, AHMEDABAD-WORKSTATION - DETAILS	
APPROVED BY:	28-05-2018	DRG NO: HLL-PROJ-RBD-GUJ-WH-004	
DATE:	NTS	SHEET NO : 01 OF 01	REV:-00 DATE:- 28.05.2018
SCALE:	ALL DIMENSIONS ARE IN MILLIMETER		

All Dimensions are in Millimeter



Materials :
As Specified in Schedule

PLACE: RANIPUR, AHMEDABAD	SARATH	HLL Lifecare Limited		AREA: —
DRAWN BY:	AJITH	Thiruvananthapuram		
CHECKED BY:		TITLE:- HLL NEW WAREHOUSE AT RANIPUR, AHMEDABAD -OVERHEAD FILESTORAGE		
APPROVED BY:		DATE: 28-05-2018		
DATE:		SCALE: NTS		
SCALE:		DRG NO: HLL-PROJ-RBD-GUJ-WH-005		
ALL DIMENSIONS ARE IN MILLIMETER		SHEET NO : 01 OF 01		REV: 00 DATE: 28.05.2018

All Dimensions are in Millimeter