

TENDER DOCUMENT- AMENDED

CIVIL AND ELECTRICAL WORKS FOR SETTING UP OF STROKE CLINIC

**AT
GENERAL HOSPITAL, THIRUVANANTHAPURAM**



**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

SEPTEMBER 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/KL-HCD/CIV&ELE/GH-STROKE CLINIC/2018-19

Date : 10-09-2018

HLL Lifecare Limited (HLL), a Government of India Enterprise is in the process of setting up of Stroke Clinic at General Hospital, Thiruvananthapuram. For the said project, sealed and super scribed bids are invited on 2-bid basis from eligible, competent and experienced Suppliers/Contractors who are capable to do the following work meeting the requirements as per our tender.

Sl. No	Brief Description of Item/Work	Qty	EMD in Rs
1	Civil and Electrical Works for Setting up of Stroke Clinic at General Hospital, Thiruvananthapuram, Thiruvananthapuram as per the Schedule of Work enclosed.	As per Schedule IV	Rs 15,000/-

2. Qualification Criteria:

- a. Bidders should have experience in the relevant field. Documentary proof for the above eligibility criteria should be submitted along with the offer.
- b. Bidders should have experience of having successfully completed within a period of last 1 year ending 31/08/2018 at least
 - i. One similar work of value not less than Rs 5 Lakhs **Or**
 - ii. Two similar works, each of value not less than Rs 3 Lakhs

Note: - Copies of Work orders and Completion certificates issued by the Client/Authority concerned shall be submitted in proof of the same.

- c. Bidder should have satisfactorily completed at least one work for any Central/State Government Departments or Central/State PSU's or local bodies in the last three years ending 31/08/2018.

Note:- Copies of Work orders and Completion certificates issued by the Client/Authority concerned shall be submitted in proof of the same.

3. 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 - 19-09-2018 onwards
b) Last date and time for receipt of bids - 04-10-2018 up to 15.00 Hrs.
c) Date and time of opening of Technical bids - 04-10-2018, 15.30 Hrs.
d) Address for communication, receipt and place of opening of bids:

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: harikrishnankp@lifecarehll.com, choprojects@lifecarehll.com

4. 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.
5. 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 3 (d) above.
6. 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.
7. 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.
8. 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.
9. The EMD should be enclosed in a separate envelope and super scribed as “EMD” and to be attached in the main cover.
10. 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.

11. 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.

12. The Bid must include the following information;

- a. Enquiry No.
- b. EMD
- c. Promised Delivery/Completion Schedule
- d. Price Schedule in Format For Quoting (Schedule VI - Schedule of Work)
- e. All other documents/certificate/information as specified in the bid document.

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

Schedule I	-	Conditions of Bid
Schedule II	-	General Conditions of Contract
Schedule III	-	Special Conditions
Schedule IV	-	Acceptance form
Schedule V	-	Proforma for Performance Statement
Schedule VI	-	Schedule of Work
Schedule VII	-	Drawings

14. 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 BID

1. Definitions

In this Contract, the following words and expressions shall have the meanings as stated below:

- a. **“INVITATION FOR BID”** shall mean and include the present document, and such other complements and agenda, which may subsequently be issued in this connection.
- b. **“BIDDER/TENDERER”** shall mean the person, firm or Corporation submitting a bid against this invitation for bid and shall also include his agents and representatives.
- c. **“PROJECT MANAGEMENT CONSULTANT”** shall mean HLL Lifecare Limited (HLL) (Akkulam).
- d. **“CLIENT”** shall mean National Health Mission, Thiruvananthapuram
- e. **‘ENGINEER-IN-CHARGE’**, shall mean the Engineer appointed by the Project Management Consultant to supervise all activities of the project.
- f. **‘CONTRACTOR’**, shall mean the successful bidder whose tender has been accepted by the Project Management Consultant and to whom the order is placed by the Project Management Consultant and shall include his heirs, legal representatives, successors etc.
- g. **‘PERMANENT WORKS’**, means and include all the work specified or set forth and required if any by the specification, drawings and other documents which form part of this contract or to be implied thereof or incidental thereof to be hereafter or required in such further explanatory instructions, drawings etc., as shall from time to time during the progress of the work be given by the HLL.
- h. **‘SITE’**, shall mean the actual place i.e. **HLL Site, General Hospital, Thiruvananthapuram**, where the project is to be executed.
- i. **‘PROJECT’**, shall mean entire work specified in the contract documents inclusive of extra items/ extra quantities (if any) executed during the contract period.
- j. **‘ACCEPTANCE LETTER’**, shall mean written consent by a letter of Project Management Consultant to the bidder intimating him that his tender has been accepted.
- k. **‘CONTRACT’**, shall mean the articles of Contract Agreement, the conditions of contract, schedule of quantities, specifications, drawings attached and duly signed by the Project Management Consultant and the Contractor.
- l. **‘DATE OF CONTRACT’**, shall mean the date on which the successful bidder has accepted the notification of award.

- m. **'CONTRACT PERIOD'**, shall mean the period (including rainy season) specified in the tender documents during which the contract shall be executed.
- n. **'COMPLETION CERTIFICATE'**, shall mean the certificate issued by the Project Management Consultant to the Contractor after successful completion of the project.
- o. **'EXTRA ITEMS'**, are those items, which are not appearing in the Schedule of Items but required to be executed during the project period.

2. Bid Information and Period of Validity

2.1 Bidders shall submit their bids as single bid.

2.2 The Tender documents must include the following information;

- a. Enquiry No.
- b. Earnest Money Deposit as prescribed in the tender
- c. All the details and documents mentioned in the tender document.
- d. Signed and sealed Acceptance form
- e. Promised Completion Schedule
- f. Certificate that bid is in total conformity with the specifications and terms and conditions mentioned in the bid document and if not, list of exclusions, and/or exceptions.
- g. All other documents/certificate/information as specified in the bid document.
- h. The bid is invited for **“Civil and Electrical Works for Setting up of Stroke Clinic at General Hospital, Thiruvananthapuram”** as per the Specification, Terms and Conditions specified in the Bid Documents. The Bidder shall give the rates inclusive of relevant taxes such as GST, duties, other levies, on the appropriate price schedule (Schedule of Work) attached to these documents for completing the above work as per the Specification, Terms and Conditions as specified in the Bid Documents.
- i. Bidder must quote for unit price and total price based on the requirement shown in the bid document.
- j. Price should be firm without any escalation on any account till the completion of work.
- k. Bids shall remain valid for **90 days** after the date of bid opening prescribed by the Purchaser.

3. Format and Signing of Bid

3.1 The bidder shall prepare the bid clearly marking as appropriate

3.2 The bid shall be typed or written in indelible ink and shall be signed by the Bidder or a person or persons duly authorized to bind the Bidder to the Contract. The letter of authorization shall be indicated by written power-of-attorney accompanying the bid. All pages of the bid, except for printed literature, shall be initialed by the person(s) signing the bid along with seal.

- 3.3 Any interlineations, erasures or overwriting shall be valid only if they are initialed by the person or person(s) signing the bid.

4. Submission of Bids

Sealing and Marking of Bids

- 4.1 The bidders shall seal the **Tender documents** in a single cover, duly written on the envelope as:

**“TENDER FOR SETTING OF STROKE CLINIC AT GENERAL HOSPITAL,
THIRUVANATHAPURAM, KERALA STATE
“HLL/CHO-PROJ/KL-HCD/CIV&ELE/GH-STROKE CLINIC/2018-19, DT. 19.09.2018”
“DO NOT OPEN BEFORE 15.30 Hrs. on 04.10.2018”**

- (a) Addressed to the Project Management Consultant in the following address :

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: harikrishnankp@lifecarehll.com, choprojects@lifecarehll.com

- (b) Bear the Enquiry No, closing date and General description of item tendered, and the words “DO NOT OPEN BEFORE” 15.30 Hrs (IST) on ____ (Opening Date)

- 4.2 The inner envelopes shall indicate the name and address of the Bidder. If the outer envelope is not sealed and marked as indicated above, the Project Management Consultant will assume no responsibility for the bid’s misplacement or premature opening.
- 4.3 Bids should be hand delivered or sent by courier/mail to ensure timely arrival. Telex, cable, e-mail or facsimile bids will be rejected.

Deadline for submission of Bids

- 4.4 The bids will be received by the Project Management Consultant in the above address not later than the date and time specified in the Invitation for Bids.
- 4.5 In the event of the specified date for submission of Bids being declared a holiday for the Project Management Consultant, the bids will be received up to the appointed time on the next working day.

- 4.6 The Project Management Consultant 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 the Project Management Consultant and Bidders previously subject to the deadline will thereafter be subject to the deadline as extended.
- 4.7 It is the responsibility of the bidders to see that the completed bidding documents whether sent by post or by courier or by person are received in the office of Senior Manager (Projects), in the above address by the date and time stipulated for receipt as above failing which the bid would be considered late and rejected. The Project Management Consultant 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 received after due date and time will be rejected. Mere handing over of the bid documents at reception counter or at any other counter or room or person cannot be considered as submission of bid.

5. Clarification of Bidding Documents

A prospective Bidder requiring any clarification of the Bidding Documents may notify the Project Management Consultant in writing, or by fax at the Project Management Consultants mailing address indicated in the Invitation for Bids. The Project Management Consultant will respond in writing to any request for clarification of Bidding Documents, which it receives not later than 7 days prior to the deadline for submission of Bids prescribed by the Project Management Consultant.

6. Amendment of Bidding Documents

- 6.1 At any time prior to the deadline for submission of bids, the Project Management Consultant may, for any reason, modify the Bidding Documents by amendment.
- 6.2 The amendment will be notified in writing or fax or telegram or e-mail to all prospective Bidders, which have received the Bidding Documents and will be binding on them. Amendments will also be uploaded on the website.
- 6.3 In order to afford prospective Bidders reasonable time in which to take the amendment into account in preparing their bid, the Project Management Consultant may, at its discretion, extend the deadline for the submission of bids.

7. Bid Opening by Project Management Consultant

- 7.1 The Project Management Consultant will open bids, in the presence of the bidders' representatives who choose to attend, at the date and time specified and in the location given in this document. The Bidders' representatives who are present shall sign a register evidencing their attendance. In the event of the specified date of bid opening being declared a holiday for the Project Management Consultant, the bids shall be opened at the appointed time and location on the next working day.

- 7.2 The Bidders' names, the presence or absence of the requisite EMD and such other details as the Project Management Consultant, at its discretion, may consider appropriate will be announced at the opening.
- 7.3 The Project Management Consultant will prepare appropriate bid opening register and bidders present during the opening of the bids and Project Management Consultant shall sign the same.

8. Clarification of bids

To assist in the examination, evaluation and comparison of bids, the Project Management Consultant 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.

9. Inspection of site

Every bidder/Tenderer is expected to inspect the site of the proposed work and acquaint himself with the site conditions, approaches etc. before quoting his rates. No claim whatsoever should be entertained later on the plea of any difficulties involved in the execution of work, which was or was not foreseen by the Tenderer.

10. Preliminary examination

- 10.1 The Project Management Consultant will examine the bids to determine whether they are complete, whether any computational errors, have been made, whether required EMD has been furnished, whether the documents have been properly signed, whether the bid validity is as required and whether the bids are generally in order.
- 10.2 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.
- 10.3 Prior to the detailed evaluation, the Project Management Consultant 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 Project Management Consultant's determination of a bid's responsiveness is to be based on the contents of the bid itself without recourse to extrinsic evidence.
- 10.4 A bid determined as not substantially responsive will be rejected by the Project Management Consultant and may not subsequently be made responsive by the bidder by correction of the non-conformity.
- 10.5 The Project Management Consultant may waive any minor informality or non-conformity or irregularity in a bid, which does not constitute a material deviation,

provided such waiver does not prejudice or affect the relative ranking of any bidder.

- 10.6 The Project Management Consultant'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.

11. Evaluation and comparison of bids

- 11.1 The PMC will evaluate and compare bids previously determined to be substantially responsive, pursuant to ITB Clause 12.

12. Contacting the company

- 12.1 No bidder shall contact the PMC/Client on any matter relating to its bid, from the time of the bid opening to the time the contract is awarded. If the bidder wishes to bring additional information to the notice of the PMC it should do so in writing.
- 12.2 Any effort by a bidder to influence the PMC/Client in its decisions on bid evaluation, bid comparison, or selection may result in the rejection of the bidders bid.

13. Post – qualification

- 13.1 Notwithstanding the qualification requirements given in this document, the Project Management Consultant will determine to its satisfaction whether the Bidder selected as having submitted the lowest evaluated responsive bid is qualified to satisfactorily perform the Contract.
- 13.2 The determination will take into account the Bidder's financial, technical and execution capabilities. It will be based upon an examination of the documentary evidence of the Bidder's qualifications submitted by the Bidder, as well as such other information as the Project Management Consultant deems necessary and appropriate.
- 13.3 The Project Management Consultant reserves the right to negotiate with the lowest evaluated responsive bidder.
- 13.4 An affirmative determination will be a prerequisite for award of the Contract to the Bidder. A negative determination will result in rejection of the Bidder's bid, in which event the Project Management Consultant will proceed to the next lowest evaluated bid to make a similar determination of that bidder's capabilities to perform satisfactorily.

14. Award Criteria

The Project Management Consultant 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.

15. Notification of Award

- 15.1 Prior to the expiration of the period of bid validity, the Project Management Consultant 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.
- 15.2 The signed acceptance of the notification of award by the Contractor will constitute a concluded contract.

16. Security Deposit

- 16.1 On receipt of notification of award from the Project Management Consultant, 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.
- 16.2 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.
- 16.3 The EMD submitted by the successful bidder shall be converted to Security Deposit and the bidder shall be allowed to remit the balance amount.
- 16.4 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.
- 16.5 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.
- 16.6 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.

17. Earnest Money

- 17.1 Each bid must be accompanied by E.M.D.
- 17.2 The EMD is required to protect the Project Management Consultant against risk of Bidder's conduct, which would warrant the security's forfeiture
- a. The EMD shall be in the form of Demand Draft from a nationalized bank drawn in favor of HLL Lifecare Limited, Thiruvananthapuram payable at Thiruvananthapuram.
 - b. E.M.D. of the unsuccessful bidders will be released after tabulating tenders, keeping only the earnest money of the first three lowest bidders. The earnest money deposit of the remaining two unsuccessful bidders will be released after the acceptance of the notification of award by the successful bidder.
 - c. In the case of successful bidder, the Earnest Money will be returned after accepting the order and submission of Demand Draft towards Security Deposit, which they will have to offer for the faithful execution of the contract.
- 17.3 The EMD may be forfeited:
- (a) If a Bidder withdraws its bid during the period of bid validity specified by the Bidder on the Bid Document; or
 - (b) In case of the successful Bidder, if the Bidder fails:
 - (i) To furnish the Order acceptance copy
 - (ii) To furnish security deposit.

SCHEDULE II

GENERAL CONDITIONS OF CONTRACT

1.0 PROJECT INFORMATION

1.1 General:

The detailed information of the project given below is as per our present requirement. However, it is not binding on the Project Management Consultant in any way and shall not govern the scope of works.

1.2 Location of Site:

The project site is located at **HLL SITE, at General Hospital, Thiruvananthapuram**

1.3 Price

Price quoted should be firm without any escalation till the Contract is completely executed and should be for the item/work shown under **SCHEDULE OF WORK**.

The rates quoted must be firm and include the cost of transportation of material to the site, all taxes such as GST etc. and the fixing or placing in position for which the item of work is intended to be operated. The rates quoted by the Contractor shall be firm throughout the contract period and there shall be no upward revision of the rates quoted by the contractor for any reason whatsoever.

It should be clearly understood that any claims for extra Tax, Excise duty, Construction tax or any additional tax etc. shall not be entertained in any case whatsoever once tenders are opened

1.4 Site Facilities:

The contractor has to remove all left over, excess, scrap material from the site and restore the site to fully clean condition as and when required. In case he fails to do so, the Project Management Consultant reserve the right to remove such materials from the site and expenses incurred in this case shall be deducted from the payments due to the contractor. However, no claim for any loss of material in this case shall be acceptable.

2 COMMITMENT OF CONTRACTOR

2.1 Interpretation of Contract documents:

2.1.1. All the documents forming part of the contract are to be taken as mutually explanatory, supplementary and complementary to each other. If there is any error, omission or discrepancy in any of them, it shall be brought to the notice of the Project Management Consultant. The decision of the Project Management Consultant shall be final and binding. The contractor shall execute the work accordingly.

- 2.1.2** The contractor shall examine all the contract documents thoroughly including the scope, nature and magnitude of works he has to execute in accordance with the contract documents.
- 2.1.3.** The contractor shall visit the project site so as to study the site conditions, means of access to the site and other factors governing the works.
- 2.1.4.** There may be change in layout of site as per technical requirements and the tenderer shall not be entitled for any claim due to such changes & should carry out such changes.

2.3 Period of Completion

Time is the essence of the contract. Time of completion allowed is **45 DAYS** from the date of acceptance of **Letter Of Intent/Work Order**.

2.4 Time Schedule:

The successful tenderer shall submit the time schedule in the form of charts before commencing the work and shall execute the work strictly as per the schedule submitted by him and approved by the Project Management Consultant on turnkey basis.

2.5 Default of Contractor:

If the contractor fails to maintain progress and quality of work proportionate to time period allotted for the work in spite of notices or complete the work within the stipulated time period or extended time period, then the Project Management Consultant shall have the right:

- i) To determine the contract: In this event, the contract shall be terminated by giving written notice to the contractor and the unfinished works shall be got completed by labours engaged by the Project Management Consultant or through other agency at the cost of the Contractor.
- ii) Without determining the contract: In this event, the remaining works shall be got executed through a fresh contractor in which case the Contractor shall not have any objection or claim on this account.
- iii) Before determining the contract: In this event, if the Project Management Consultant finds that the defaults of the Contractor can be rectified, then an opportunity shall be given to the same contractor to rectify the defects /defaults in the specified time.
- iv) Termination of contract for death: If the contractor is an individual of a proprietary firm and proprietor of the firm dies and if the Contractor is a Attorney of partnership firm and dies, then the Project Management Consultant has the right to terminate the contract unless and until the Project Management Consultant is satisfied that the surviving partners are capable of executing and completing the

remaining contract. In case of termination of contract, the legal representatives of the deceased Contractor are not entitled for any compensation or claim. Also, the Project Management Consultant shall not levy any penalty against the damage caused by incomplete work.

- v) Termination of Contractor in part or in full for Contractors default: If the Contractor fails to execute the work in the manner described in the contract documents or if he at any time, in the opinion of the Project Management Consultant:
- a) Fails to carry out the works in accordance with the contract conditions or as per the specifications mentioned in the documents.
 - b) Stops the execution of works without giving prior information to the Project Management Consultant.
 - c) Fails to carry out the works to the satisfaction of the Project Management Consultant both with respect to qualities and time schedule.
 - d) Fails to supply sufficient or suitable construction plant, materials and labours etc.
 - e) Commits breach of any of the provisions of the contract.
 - f) Abandons the work.
 - g) becomes bankrupt during the continuance of the work.

Whenever the Project Management Consultant shall exercise his authority to cancel the contract under the above condition, the Project Management Consultant shall be at liberty to hold and retain in their hands materials, tackles, machinery and stores of all kinds on site as they may think proper and may at any time sell any of the materials, tackles, machinery and stores and apply the proceeds of sale in or towards the satisfaction of any loss which may arise from the cancellation of contract as aforesaid. The Project Management Consultant shall also be at liberty to use materials, tackles, machinery and other stores on the site of contractor as they think proper in completing the work and the Contractor will be allowed the necessary credit. The value of materials and stores and amount of credit to be allowed for tackles and machinery belonging to Contractor and used by Project Management Consultant in completing the work shall be assessed by the Project Management Consultant and amount assessed shall be final and binding on the Contractor. In case Project Management Consultant completes or decides to complete the work under the provisions of this condition, the cost of completion to be taken into account in determining the excess cost to be charged to the Contractor under the condition shall consist of the cost of materials purchased or required to be purchased, labour provided or required to be provided.

2.6 Variation in scope of works:

- a) Variation in quantity:

The Project Management Consultant has the right to increase or decrease the quantity of work or delete/add certain items of work. However such changes shall not entitle the contractor for any compensation, claim regarding the change in scope of work.

- b) Variation in drawings and specifications:

- i) The variation in scope may be by way of changes in drawings regarding dimensions but specification remaining the same. In such a case the contractor shall not be entitled for any claim due to change.
- ii) In case of change of specification it shall be worked out as given in Clause 3.8

2.7 Staff and Workers:

The contractor shall depute qualified engineers for execution of the project. The technical staff employed by the contractor shall be responsible for the quality and workmanship of the work as per the satisfaction of the Project Management Consultant. The Contractor's supervisory staff should follow the instructions given by the Project Management Consultant or his authorised representative. If any of the Contractor's staff members is incapable or in-experienced, in the opinion of the Project Management Consultant, then he should be removed immediately and the contractor should do suitable substitution. Technical staff employed should be degree holder from a government-recognized institution or equivalent with at least 3 years practical experience of work in addition to Diploma holder and other experienced supervisory staff.

If the workers or the supervising staff of the contractor are involved in riotous or illegal activities to such an extent that it becomes necessary to hand over the matter to the police then the contractor would be solely responsible for the case and all the expenses incurred in the legal proceedings shall be borne by the contractor.

2.8 Subletting of contract:

No subletting of contract is permitted. Specialized work agency contracts may be permitted with prior permission.

2.9 Co-operation with other agencies at site:

The Contractor or his authorised representatives must work in close co-operation with the agencies executing other works forming the part of the project and also with the representatives of the Project Management Consultant for the execution of works which are not included in the contract. Contractor shall permit free access and generally afford reasonable facilities to other agencies or departmental workmen etc.

The Contractor's quoted amount/rate shall be deemed to cater for all the above contingencies and nothing extra shall be admissible on this account.

2.10 Contractor should keep his working site clean and the materials brought for work shall be kept in a properly stacked / stored way.

The work site should be swept at the end of each working day after removal of debris/ left over materials. The Contractor has to take full care so as not to spoil or damage other Contractor's/ Project Management Consultant's job / material.

2.11 Safety of adjoining properties:

The Contractor or his authorized representatives should conduct all the operations necessary for the execution of works in such a manner that no inconvenience / damages are caused to the properties of other persons & Project Management Consultant.

2.12 Settlement of dispute:

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 Trivandrum alone shall have jurisdiction in respect of settlement of any matter arising out or in connection with the contract.

2.13 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.

2.14 Insurance:

The Contractor shall at his own expense carry and maintain insurance with reputed insurance companies to the satisfaction of the Project Management Consultant as under:

i) Insurance of works:

The Contractor shall take full responsibility for loss, damage and care of plant and works until it is delivered to site, constructed, erected, commissioned and taken over by Project Management Consultant. Without limiting such responsibility, the contractor shall in the interest of the work insure the plant and work for their full value plus ten percent until they have been taken over. Such insurance shall cover the equipments and works against loss, damage or destruction by fire, earthquake, theft or any other cause, throughout the duration of the contract period or extended contract period.

ii) Insurance of employees:

The Contractor shall accept full and exclusive liability for the compliance of all obligations and responsibilities imposed by the Employees State Insurance Act, 1948 and any liability or penalty which may be imposed by the Central, State or Local Authorities due to the reason of violation by the contractor or sub-contractor of the Employees State Insurance Act, 1948. The Contractor shall agree to fulfill the requirement of the Employees State Insurance Corporation and maintain the declaration forms and all such forms, which may be, required in respect of the contractor's, sub-contractor's employees who are employed in the work provided for or those covered by E.S.I.C. from time to time under the agreement. The Project Management Consultant shall retain such sum as may be necessary from the total contract value until the contractor shall furnish satisfactory proof that all contributions as required by the Employees State Insurance Act, 1948 have been paid by him.

iii) Workmen's Compensation:

Insurance shall be affected for all the Contractor's employees engaged for this contract. The Contractor shall also carry and maintain all other insurance, which may be required under any law or regulations from time to time. He should also carry and maintain any other insurance, which may be required by the Project Management Consultant.

iv) Transit Insurance:

The cost of transit insurance relating to the items to be transported by the contractor to the site of work shall be borne by the contractor and the quoted price shall be inclusive of this cost.

v) Loss or damage and Indemnity Agreement:

The contractor shall be responsible during the progress of work as well as maintenance period for any liability imposed by law for any damage to work or any part thereof or to any of the material or other things including those of Project Management Consultant used in performing the work or for injury to any person or persons or for any property damaged in or outside the site. The contractor shall indemnify and hold the Project Management Consultant and the Engineer harmless against all liabilities, claims, loss or injury, including costs, expenses and attorney's fees incurred in the defense of same, arising from any allegation whether groundless or not, of damage or injury to any person or property resulting from the performance of the work or from any material used in the work or from any condition of the work or work site or from any cause whatsoever during the progress and maintenance of the work.

vi) Third party insurance:

Before commencing the execution of the works the Contractor, but without limiting his obligations and responsibilities, shall insure against his liability for any material or physical damage, loss or injury which may occur to any property, including that of the Project Management Consultant, or to any person, including any representative of the Project Management Consultant, by or arising out of the execution of works or in the work being carried out by the Project Management Consultant, by or arising out of the provision of clause 2.14.v here of. Such insurance shall be affected with an insurer and in terms approved by the Project Management Consultant and for at least the amount stated in the Appendix of the Tender.

vii) The Contractor shall take **Contractor's All Risks Insurance (CAR)** policy, jointly in the name of HLL LIFECARE LIMITED and the Contractor and the insurance should be valid till the satisfactory completion of the work. The copy of the policy shall be deposited with HLL before commencing the work.

Note: The Contractor's payment shall be clear only after his compliance of all insurance formalities as given above. He shall have to deposit the photocopies of the various policies and payment receipts with the Project Management Consultant's site engineer for this purpose.

2.15 Indemnification Clause

The Bidder shall indemnify and hold harmless the Project Management Consultant/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.

2.16 Force Majeure

- a. Neither the Contractor nor the Purchaser/Project Management Consultant 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/Project Management Consultant initially by a Fax, followed by post, the beginning and end of any of the above causes of delay,

failing which Purchaser/Project Management Consultant 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/Project Management Consultant 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/Project Management Consultant 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.

3.0 EXECUTION OF WORK

3.1 General:

All the works shall be executed in accordance with the detailed drawings, specifications and instructions given by the Project Management Consultant or mentioned in the contract document.

3.2 Drawings:

The drawings given in the tender document are as per our present requirement and are meant for the purpose of giving idea of the type and quantum of work to be executed.

All working drawings shall be marked "Released for Execution" and duly signed and approved by the Project Management Consultant. All the old drawings shall be discarded and marked with "Superseded by Drg. No....."

If during the execution of the work, any discrepancy occurs in the drawings or between the drawings and specification then the same should be clarified from the Project Management Consultant prior to the execution of work. The decision given by the Project Management Consultant would be final.

3.3 Inspection of works:

- i) The Project Management Consultant shall have the full authority to inspect the works at any time, at any stage. The contractor shall provide adequate facilities to carry the inspection work. The Contractor should present himself or his authorised representative during the inspection so that the Project Management Consultant can convey the instruction regarding the works.
- ii) The Contractor shall give information to the Engineer in charge before covering up the works so that the same can be inspected and measured jointly & correctly to true dimensions.
- iii) If the contractor fails to get the work inspected before covering it up, then the Project Management Consultant has full authority to get the work uncovered at the expense of the Contractor and if any fault is found then the same should be rectified by the Contractor without claiming any extra payment.

3.4 Inadequate/substandard works and materials:

- i) If any material brought by the Contractor is found unsuitable or of sub-standard quality after testing, then the Contractor shall remove those faulty materials immediately from the site as per the instructions of the Project Management Consultant.
- ii) If any work executed by the Contractor is found to be of bad workmanship or not as per the drawings, then the same is to be dismantled and re-executed by the Contractor without claiming any extra payment or extension in time period.

3.5 Default of Contractor in compliance:

If the contractor or his authorised representative fails to follow the instructions given by the Project Management Consultant regarding any of the works, then the same shall be got executed by other persons employed by the Project Management Consultant and the expenses incurred shall be borne by the Contractor.

3.6 Discrepancies between instructions:

If any discrepancy occurs between the various instructions conveyed to Contractor or his authorised representative or if any misunderstanding arises between the Contractor's staff and Project Management Consultant's staff, the contractor shall report the matter immediately to the Project Management Consultant. The decisions of Project Management Consultant shall be final and binding. Moreover, no claims for losses due to discrepancies between instructions, doubts or misunderstandings shall be admissible.

3.7 Power to make alterations

The Project Management Consultant shall have the power to make in writing any alterations, omissions, additions or substitutions for original specifications, drawings, designs, patterns and instructions that may appear to him necessary or advisable during the progress of the work and the contractor shall be bound to carry out the work in accordance with the instructions which may be given to him by the Project Management Consultant or his representative. On submission of electrical scheme to the Electrical Inspectorate it is bound to have some changes in the panels, cables rating etc.

Such alterations, omissions, additions, substitutions shall not invalidate the contract. Any altered additional or substituted work which the contractor may be required to do in the manner specified above as part of the work shall be carried out by the contractor on the same conditions in all respect on which the main works was agreed to be done and at the rates derived according to clause 3.8.

3.8 Change in specifications and valuation of extra items:

Extra items may be classified as additional, substituted, or altered items, depending on their relation or otherwise to the original item or items of work.

Rates for authorities extra items, additional, altered or substituted work as may be ordered shall be determined by the "Project Management Consultant" as follows:

- a. In the case of all extra items whether additional, altered or substituted, if accepted rates for identical items provided for in the contract, such rates shall be applicable.
- b. In the case of all extra items whether altered or substituted, for which similar items exist in the contract, the rates shall be derived from the original item by appropriate adjustment of cost of affected components. The percentage excess or deduction of the contract rate for the original item with reference to the estimated rate shall be applied in deriving the rates for such items.
- c. In the case of extra items, whether altered or substituted, for which similar items do not exist in the contract, the rates shall be arrived at on the basis of provision of standard data Book and schedule of rates 2016 of CPWD by adding profit of 15% and applying the contractor's quoted percentage above or below.
- d. In the case of extra items, whether additional altered or substituted, for which the rates cannot be derived from similar items in the contract, and only partly from similar items in the contract, and only partly from the CPWD rates, the rates for such part of parts of items as are not covered in the schedule of rates shall be determined by the Project Management Consultant on the basis of the prevailing market rates giving due consideration to the analysis of the rate furnished by the Contractor with supporting documents, including contractor's profit. This shall be added on to the C.P.W.D rate revised (latest) (including contractor's profit). For the other part of the items the rates can be derived from the recent schedule of rates of C.P.W.D.
- e. In the case of extra item whether additional, altered, substituted, for which the rates cannot be derived either from similar item of work in the contract or from the departmental schedule of rates, the contractor shall within 14 days of the receipt of order to carry out the said extra item of work, communicate to the Project Management Consultant the rate which he proposes to claim for the item, supported by analysis of the rate claimed and the Project Management Consultant shall within one month thereafter, determine the rate on the basis or the market rate giving due consideration to the rate claimed by the contractor.
- f. The quantities indicated are approximate. On award of work and approval of the scheme, the contractor has to work out the actual quantities of each item of work and intimate to the Project Management Consultant. No increase in cost shall be given for any additional quantities of any item given in the tender.

3.9 Work not specified in the specification:

If, for any work, no specification has been given in the tender document, then the work will be executed as per the IS specifications, and if the work is not covered by IS specifications also, then it should be executed as per standard engineering practice, subject to the recommendation and approval of the Project Management Consultant.

3.10 Testing:

The Contractor shall agree for testing works as mentioned in the specifications of various items of works involved in the project.

- i) If the various tests prescribed in the specifications at specified intervals for ascertaining the quality of the work done prove unsatisfactory, the Project Management Consultant shall have the authority to instruct the Contractor to re-execute the work done or make alterations as per the orders of the Project Management Consultant.
- ii) The Contractor shall furnish to the Project Management Consultant, for approval adequate samples of all materials to be used in the works free of cost. Such samples shall be submitted before the work is commenced, giving ample time to ascertain ISI approval/markings.

All materials furnished in actual works shall be of the same quality of that of approved samples.

- iii) The testing of various equipments to be used in works shall be tested in standard laboratories as directed by the Project Management Consultant and the expenses incurred shall be borne by the Contractor.

3.11 Progress Report:

During execution of the contract, the contractor shall furnish weekly progress reports to the Project Management Consultant and in the format as specified by the Project Management Consultant indicating the progress achieved during the week and the total progress up to the week as against scheduled and anticipated completion dates in respect of key phases of the work. The Contractor shall also furnish any other information in order to ascertain progress, if called for by the Project Management Consultant.

3.12 Liabilities for defects and rectifications:

If it shall appear to the Project Management Consultant that any work has been executed with imperfect or unskilled workman or with materials of any inferior description, or of quality inferior to that contracted for, or otherwise not in accordance with the contract, the Contractor shall on demand in writing from the Project Management Consultant or his representative specifying the work, materials or articles complained of, notwithstanding that the same may have been inadvertently passed, certified and paid for, forthwith rectify or remove and reconstruct that work so specified and provide other proper and suitable materials or articles at his own charges and cost, and in the event of failure to do so within a period to be specified by the Project Management Consultant or his demand aforesaid, the Project Management Consultant may on expiry of notice period rectify or remove, re-execute the work at the risk of Contractor and the cost shall be recovered from the Contractor. The decision of the Project Management Consultant as to any question arising under this clause shall be final and conclusive.

3.13 Defect liability Period:

The liability period of the work shall be 12 months from the date of completion of the work as certified by the Project Management Consultant and this date will be as indicated in the provisional completion certificate. 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 Project Management Consultant .If the contractor fails to do so, then the Project Management Consultant shall have the authority to get the work done by other means and the expenditure incurred shall be recovered from the contractor.

3.14 Suspension of work:

The Contractor shall suspend the progress of work, on receipt of the written order from the Project Management Consultant for any of the following reasons:

- i) On account of any default on the part of the Contractor. In this case the contractor shall be entitled for the extension of time, but the contractor shall have no claim for payment of compensation for re-execution of faulty works.
- ii) For execution of the works for reasons other than the default of the contractor.
- iii) For safety of the works.

In case of suspension of work:

- a) The contractor shall during such suspension, properly protect and secure the works and carry out the instructions of the Project Management Consultant.
- b) If the suspension is ordered for the reasons 3.13 as stated above, the Contractor shall be entitled for extension of time equal to the period of every such suspension but no compensation for damages etc. shall be admissible on account of suspension of work.

3.15 Possession prior to completion:

The Project Management Consultant shall have authority to take possession of any completed or partially completed works. Such possession shall not be deemed to be acceptance of any work completed in accordance with the contract. If such prior possession delays the progress of works then the adjustment in the time of completion shall be done accordingly. The decision of the Project Management Consultant regarding the extent of delay shall be final and binding.

3.16 Care of Works:

From the commencement to the completion of works, the Contractor shall take full responsibility for the care of all works including all temporary works and in case any damage or loss occurs then the contractor shall at his own cost repair and make good the same so that on completion of the work, the same shall be in good order in every respect in accordance with the contract and to the satisfaction of the Project Management Consultant.

3.17 Delay in Work Execution Due To Reasons beyond Contractor's Control

- a. Force majeure: If the execution of work is delayed due to force majeure, then Purchaser/Project Management Consultant as per the affected period may extend the time period.
- c. In case work is delayed due to non-availability of stores supplied by Project Management Consultant or any decision by Project Management Consultant 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 Project Management Consultant, but nevertheless use constantly his best effort to prevent or make good delay. The Project Management Consultant 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.

3.18 Liquidated Damages for Delays

Time is the essence of the contract. If the contractor fails to complete the work and clear the site on or before the dates fixed for completion, he shall without prejudice be liable to pay liquidation damage (LD) i.e. 0.5 % of the contract value for every week that the whole or the part of work remains incomplete. For the purpose of this condition, the contract value shall be total value of quantities of items in the contract at contract rates plus algebraic sum of the subsequent work ordered. However, the total amount of LD to be paid under this condition shall not exceed 7.5% percent of the contract value.

4.0 CERTIFICATE AND PAYMENT

4.1 Schedule of Rates:

- i) The payments to be made to the contractor for various items of works shall be as per the finalised rates in tender document and the rates of extra items finalised from time to time.
- ii) The rates finalised in the tender document shall remain firm till the completion of the work including extension of time, if any.
- iii) After the completion of work, the Contractor will have to submit the clearance certificate for all statutory payments like royalties, Octroi etc.

4.2 Measurement:

Joint measurements of the various items of the work shall be taken by the Contractor's authorised representative in presence of the Project Management Consultant's and authorized representative from time to time for maintaining the records and preparing the bills. If the contractor fails to send his representative then the measurements taken by the Project Management Consultant's and shall be final and no claim shall be entertained in this regard.

4.3 Mode of Measurement:

All measurements shall be in the metric system and in accordance with Indian Standard Specifications and in accordance with standard engineering practice. If the contractor has any objection regarding the measurements then he shall inform the Project Management Consultant immediately. The decision given by the Project Management Consultant shall be final and binding on the contractor. In case of mode of measurement of any item is not specified; then I.S.I. mode of measurement (as applicable during contract period) shall be followed.

4.4 Mobilization Advance:

No mobilization advance shall be paid.

4.5 Lump sums in Tender:

Lump sum items considered only where specified.

4.6 Running Account Payments to be regarded as advances:

All running account payments shall be regarded as payments by way of advances against the final payment only and not as payment for work actually done and completed, and shall not preclude the requiring of bad, unsound and imperfect or unskilled work to be removed and taken away and reconstructed or re-erected or be considered as an admission of the performance of the contract or nor shall it conclude, determine or affect in any way the powers of the Project Management Consultant under these conditions or any of them as to the final settlement of the accounts or otherwise, or in any other way vitiate or affect the contract. The final bill shall be submitted by the contractor within one month from the date of actual completion of the work, to the Project Management Consultant's certificate of the measurement and of the total amount payable for the work accordingly shall be final and binding on the Contractor. The payment of final bill shall be done within three months after the submission of the final bill by the contractor, to the including period of one month of clause no.4.8 (c) billing and terms of payment.

4.7 Payment of Contractor's Bills:

- a. The payment due to the contractor shall be made only in Indian Currency by Crossed Account Payee Cheques. In no case, will the Project Management Consultant be responsible if the cheque is misled or mis-appropriated by the contractor or his representatives. The cheque shall be released only against submission of duly signed and revenue stamped receipt.
- b. The Project Management Consultant reserves the right to carry out post payment audit and technical examination of the bills and work executed including all supporting vouchers etc. The Project Management Consultant further reserves the right to enforce recovery of over-payment when detected. Similarly, if any under payment is discovered, the amount shall be paid to the contractor.
- c. Wherever any claim for the payment against the contractor arises as per the contract, the same may be deducted from the bill of the contractor or from his security deposit.

4.8 Billing and terms of payment:

a) The payment shall be made by the client as under:-

The contractor may submit 2 running account bills during the work period and payment made as below:

- I. 80% of the bill value will be paid on running account bill submitted by the contractor.
- II. 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 (Project Management Consultant) and Authorized Officer of National Health Mission, Thiruvananthapuram (Client).

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

- b) 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.
- c) Retention Amount: Retention Money at the rate of 5% of the value of work done for each running bill will be deducted. The retention money shall be returned at the expiration of defect liability period of 12 months.
- d) The amount deposited as Security Deposit shall be released only after issuance of provisional completion certificate by the Project Management Consultant.
- e) 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.

5. Provisional Completion Certificate:

When the Contractor successfully completes the works as per the contract, he shall be eligible to apply for provisional completion certificate in respect of the works. The Project Management Consultant shall issue to the Contractor the provisional completion certificate after verifying from the completion documents submitted by the Project Management Consultant and satisfying himself that the work has been completed in accordance with the construction drawings and the contract document. The Contractor, after obtaining the provisional completion certificate, is eligible to present the final bill for the work executed by him under the terms of the contract. The work will not be considered as complete and taken over by the Project Management Consultant until all the temporary works, labour hutments etc. are removed and the work site cleared to the satisfaction of the Project Management Consultant.

If the contractor fails to comply with the requirements of the above on or before the date for the completion of the works, the Project Management Consultant may, at the expense of the contractor, remove the tools and plants and surplus materials and dispose off the same and the contractor shall pay the amount of all expenses incurred.

6.0 LABOUR LAWS AND SAFETY REGULATIONS

6.1 Labour Laws:

- i) Laborers below the age of 18 years shall not be employed on the work.
- ii) The contractor shall not pay less than what is specified by the law to laborers engaged by him on the work.
- iii) The contractor shall, at his own expenses, comply with all labour laws and the Project Management Consultant shall not be responsible for any recovery/penalty imposed by the respective authorities for violating the labour laws.
- iv) If the contractor is covered under the Contract Labour (Regulation & Abolition) Act, he shall obtain a license from the licensing authority (i.e. the Office of Labour Commissioner), by payment of the necessary prescribed fee and deposit, if any, before starting the work.
- v) The contractor shall furnish to the Project Management Consultant, the details of the workers employed on the works.
- vi) The contractor shall comply with the provisions of the existing rules and regulations relating to labour laws.
- vii) The Project Management Consultant /authorized engineer shall on a report having been made by an inspecting officer as defined in Contract Labour (Regulation and Abolition) Act, 1980, have the power to deduct from the amount due to the contractor any sum required or estimated to be required for making good the losses suffered by a worker or workers by reason of non-fulfillment of the conditions of the contract for the benefit of the workers, or if deductions made from his or their wages which are not justified by the terms of contract or non-observance of the said regulations.

6.2 Minor Accident on Duty:

For cases of minor accident on duty not covered under compensation by insurance, the contractor shall have to compensate the affected person by reimbursing these medical expenses against submission of actual expenditure document. The absence from duty, if takes place due to such accident, shall be considered as special leave and full payment shall have to be made for duration of such absence.

6.3 Provident Fund:

It shall be solely the Contractor's responsibility to complete all provident fund formalities as per statutory regulations.

7.0 SAFETY CODE

7.1 Safety and Protection:

The contractor shall adhere to safe construction practice and guard against hazardous and unsafe working conditions. While carrying out the work, the contractor should provide for;

- i) Safety of personnel engaged in the construction.
- ii) Protection and safety of works and materials during their progress.
- iii) Sanitary and hygienic conditions of working and living for his workers, as required by the Project Management Consultant.

7.2 Use of Safety Gadgets:

The Contractor shall have to ensure availability and use of all desired safety gadgets like safety belts, helmets, goggles, hand gloves etc.

7.3 Unsafe working condition:

If any activity is found to be progressing without proper and complete safety measures (including use of safety gadgets) being implemented, the contractor may be asked to stop the work unless he fulfills the desired safety norms. Such delays shall not be allowed to be considered for extension in duration of the allotted time period.

7.4 First Aid:

The contractor shall provide first aid facilities for his employees and those of his sub-contractors. The requisite first aid box and medicines should always be available at work site.

7.5 Contractor's Barricades:

The contractor shall erect and maintain barricades required in connection with his operations to guard or protect:-

- i) Excavations
- ii) Hoisting Areas
- iii) Areas adjudged hazardous by the Contractor's or Project Management Consultants representatives.
- iv) Charged electrical panels.
- v) Client's existing property liable to get damaged by contractor's operation.

7.6 Preservation of peace:

The contractor shall take precautions to prevent any riotous or unlawful behavior by his workers, for the preservation of peace and protection of inhabitants and the security of property in the neighborhood of the work.

8.0 DETAILS OF WORK EXECUTION

- i) The work shall be done in such a manner so as to clear work front availability for other agencies working at site.
- ii) Finish of work shall be as per drawings & details given by Project Management Consultant.
- iii) In general the complete work is to be done as per Indian Standard and esthetical norms as specified and detailed in Tender.

9.0 CONTRACTOR'S SCOPE OF SUPPLY

All materials required for executing the jobs specified in the Schedule of Items, inclusive of all tools, tackles, scaffolding, consumables & testing equipments shall be procured and supplied by the contractor at his own cost except for any items specified as Project Management Consultant supplied.

10.0 RECOVERY FROM THE CONTRACTOR

- i) If the contractor or his employees damage or destroy the property of the Project Management Consultant, then the same shall be replaced/ refunded by the contractor; otherwise the expenses may be recovered from his bill or security deposit.
- ii) All compensation & recoveries to be made as per terms of the contract shall be deducted from the contractor's bill or security deposit.
- iii) Forfeiture of Security Deposit: Whenever any claim against the contractor is to be recovered then the same may be made from the security deposit. If the contractor abandons the work or leaves the work in complete, then the Project Management Consultant/has the right to forfeit the security deposit.

SCHEDULE III

SPECIAL CONDITIONS

1. **The bidder shall visit the site before quoting for the work and also take their own assessments before quoting of bids.**
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.
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.
4. The Contractor has to agree and strictly abide to all the conditions stipulated in the tender and any offers with deviation or request for deviation are liable to be rejected.
5. To assist in the examination, evaluation and comparison of bids, the Project Management Consultant 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.
6. 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.
7. Prior to the detailed evaluation, the Project Management Consultant 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 Project Management Consultant's determination of a bid's responsiveness is to be based on the contents of the bid itself without recourse to extrinsic evidence.
8. The Project Management Consultant'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.
9. The Project Management Consultant reserves the right to negotiate with the lowest evaluated responsive bidder.
10. The Project Management Consultant 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.

11. Prior to the expiration of the period of bid validity, the Project Management Consultant 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.
12. The signed acceptance of the notification of award by the Contractor will constitute a concluded contract.
13. The contractor has to prepare a time schedule for the complete work in detail and submit to Project Management Consultant in triplicate within 10 days from the day of Work Order/ Letter Of Intent.
14. 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 fees and other charges and the giving and receiving of all necessary notices and the Project Management Consultant shall be kept informed of the said compliances with by-laws, payment made, notices issued and received
15. The quantities set out in the bill of quantities are the estimated quantities of the work. They are not to be taken as the actual and correct quantities of the works to be executed by the contractor in fulfillment of his obligations under the contract.
16. 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.
17. During the execution of work, the contractor or authorized representative/s at least one person having technical qualification should be present at site.
18. 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.
19. All materials to be used in execution of project shall be of first class quality, recommended make; I.S.I. marked and shall be approved by Project Management Consultant before its application.
20. 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 Client's Building/Property. The work site safety of all employees, their ESI, PF etc will have to be borne by the contractor.
21. 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/Project Management Consultant before completely executing the work.
22. The Purchaser/Project Management Consultant 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.

23. 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/Project Management Consultant. No extra charge will be admissible in such case. If CONTRACTORS fails to do so, the Purchaser/Project Management Consultant reserved the right to rectify/reconstruct the work through some other agency at the expenses of Contractor.
24. 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.
25. Special care is to be taken for cleanliness of the site. After the end of day's work, the site should be cleaned immediately.
26. The Contractor shall have to co-operate with the agencies executing other works in the same area.
27. While executing the work, the Contractor shall ensure safety and security of the property of the Purchaser/Project Management Consultant so as to avoid theft etc.
28. Measurement & Payment terms:

The method of measurement of completed work shall be in accordance with the standard measurement. Payment will be made on satisfactorily 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 evident 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.
29. 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.
30. 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.
31. During the execution of work, the contractor or authorized representative/s at least one person having technical qualification should be present at site.
32. 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 Project Management Consultant 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.

33. 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.

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

SCHEDULE IV

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 V

PROFORMA FOR PERFORMANCE STATEMENT

Proforma for Performance Statement (for a period of last 1 year)

A. Name of Contractor/Firm/Company:

- 1. Postal address :

- 2. Telephone No. :
- FAX :
- 3. E-Mail :
- 4. PAN No :
- 5. GST No :

Order placed by (Full Address of Company / Consignee)	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 Maintained? (Attach a documentary proof)
				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

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SCHEDULE VI

SCHEDULE OF WORK

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

Setting Up of Stroke Clinic at General Hospital,
Thiruvananthapuram, Kerala state
(CIVIL AND ELECTRICAL WORKS ON TURNKEY BASIS)

ABSTRACT PRICE BID

Site. No.	Details of Hospital	Amount Quoted (Rs)
VI	<u>Setting Up of Stroke Clinic at General Hospital, Thiruvananthapuram, Kerala state</u>	
Total Rs (Including GST @ 18%):		

Total words in
Rupees: _____

* Bidder shall clearly mention whether the GST included or excluded with % in the price bid. If specific indication of GST is not mentioned, then their quoted rate will be treated as inclusive of GST.

Bidder has to quote as per the Make/Brand specified in the BOQ, proposed to use for the project, and has to mark the Make/Brand in the quote / price schedule.

SEAL OF THE TENDERER

Date:
SIGNATURE

NAME AND ADDRESS OF TENDERER

SECTION VI**Setting Up of Stroke Clinic at General Hospital, Thiruvananthapuram, Kerala state**

S.No	DESCRIPTION	QTY	UNIT	Rate in Rs.	Amount in Rs.
Civil Work					
DISMANTLING & DEMOLISHING					
1	Demolishing R.C.C. work manually/ by mechanical means including stacking of steel bars and disposal of unserviceable material within 50 metres lead as per direction of Engineer - in-charge.	1	Cum		
CEMENT CONCRETE					
2	Providing and laying in position cement concrete of specified grade excluding the cost of centering and shuttering - All work up to plinth level : 1:4:8 (1 Cement : 4 coarse sand (zone-III) : 8 graded stone aggregate 40 mm nominal size)	1	Cum		
MASONRY WORK					
3	Brick work with common burnt clay F.P.S. (non modular) bricks of class designation 7.5 in superstructure above plinth level up to floor V level in all shapes and sizes in : Cement mortar 1:4 (1 cement : 4 coarse sand)	1	Cum		
PLASTERING					
4	12 mm cement plaster finished with a floating coat of neat cement of mix : 1:3(1 cement: 3 fine sand)	7	Sqm		
ALUMINUM WORK					
5	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, paneling and dash fasteners to be paid for separately) :For Fixed Portion , Powder coated aluminium (minimum thickness of powder coating 50 micron)	170	Kg		

SECTION VI**Setting Up of Stroke Clinic at General Hospital, Thiruvananthapuram, Kerala state**

S.No	DESCRIPTION	QTY	UNIT	Rate in Rs.	Amount in Rs.
	including rubber beedings in doors, windows and fixed portions.				
6	For shutters of doors, windows & ventilators including providing and fixing hinges/ pivots and making provision for fixing of fittings wherever required including the cost of EPDM rubber / neoprene gasket required (Fittings shall be paid for separately). Powder coated aluminium (minimum thickness of powder coating 50 micron)	62	Kg		
7	Providing and fixing 12 mm thick prelaminate particle board flat pressed three layer or graded wood particle board conforming to IS: 12823 Grade I Type II, in panelling fixed in aluminium 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. Pre-laminated particle board with decorative lamination on both sides	42	Sqm		
8	Providing and fixing glazing in aluminium door, window, ventilator shutters and partitions etc with PVC/neoprene gasket etc. complete as per the architectural drawings and the directions of engineer-in-charge. With float glass panes of 5.5 mm thickness	19	Sqm		
9	Providing and fixing 100mm brass locks (best make of approved quality) for aluminium doors including necessary cutting and making good etc. complete	7.00	Each		
10	Providing and fixing PTMT Butt hinges with necessary screws etc. complete. 100x75x10 mm fitted with 5.5 mm dia MS Bright Bar Rod weighing not less than 53 gms	14	Each		
11	Providing and fixing aluminium tubular handle bar 32 mm outer dia, 3.0 mm thick & 2100 mm long with SS screws etc. complete as per direction of Engineer-in-Charge. Anodized (AC 15) aluminium tubular handle bar	14	Each		
12	Providing and fixing 6 mm dia. G.I. level adjusting hangers (upto 1200mm length), fixed to roof slabs by means of ceiling cleats made out of G.I. flat 40x3mm size 60 mm long and stainless steel expandable dash fastener of 12.5 mm dia and 50 mm long, complete as per direction of Engineer-in-charge.	7	Each		
13	Providing and fixing aluminium extruded section body tubular type universal hydraulic door closer (having brand logo with IS :	7	Each		

SECTION VI**Setting Up of Stroke Clinic at General Hospital, Thiruvananthapuram, Kerala state**

S.No	DESCRIPTION	QTY	UNIT	Rate in Rs.	Amount in Rs.
	3564, embossed on the body, door weight upto 36 kg to 80 kg and door width from 701 mm to 1000 mm), with double speed adjustment with necessary accessories and screws etc. complete.				
FALSE CEILING					
14	Providing and fixing tiled false ceiling of specified materials of size 595x595 mm in true horizontal level, suspended on inter locking metal grid of hot dipped galvanized steel sections (galvanized @ 120 grams/ sqm, both side inclusive) consisting of main "T" runner with suitably spaced joints to get required length and of size 24x38 mm made from 0.30 mm thick (minimum) sheet, spaced at 1200 mm center to center and cross "T" of size 24x25 mm made of 0.30 mm thick (minimum) sheet, 1200 mm long spaced between main "T" at 600 mm center to center to form a grid of 1200x600 mm and secondary cross "T" of length 600 mm and size 24x25 mm made of 0.30 mm thick (minimum) sheet to be interlocked at middle of the 1200x600 mm panel to form grids of 600x600 mm and wall angle of size 24x24x0.3 mm and laying false ceiling tiles of approved texture in the grid including, required cutting/making, opening for services like diffusers, grills, light fittings, fixtures, smoke detectors etc. Main "T" runners to be suspended from ceiling using GI slotted cleats of size 27 x 37 x 25 x1.6 mm fixed to ceiling with 12.5 mm dia and 50 mm long dash fasteners, 4 mm GI adjustable rods with galvanised butterfly level clips of size 85 x 30 x 0.8 mm spaced at 1200 mm center to center along main T, bottom exposed width of 24 mm of all T-sections shall be pre-painted with polyester paint, all complete for all heights as per specifications, drawings and as directed by Engineer-in-charge. 12.5 mm thick square edge PVC Laminated Gypsum Tile of size 595x595 mm, made of Gypsum plasterboard, manufactured from natural gypsum as per IS 2095 part I and laminated with white 0.16mm thick fire retardant PVC film on the face side and 12micron metalized polyester on the back side with all edges sealed with the face side PVC film which goes around and wraps the edges and is bonded to the edges and the back side metalized polyester film so as to make the tile a completely sealed unit.	96	Sqm		
Wall TILE					
15	Providing and fixing Ist quality ceramic glazed wall tiles conforming to IS: 15622 (thickness to be specified by the manufacturer), of approved make, in all colours, shades except burgundy, bottle green, black of any size as approved by Engineer-in-Charge, in skirting, risers of steps and dados, over 12 mm thick bed of cement mortar 1:3 (1 cement : 3 coarse sand) and jointing with grey cement slurry @ 3.3kg per sqm, including pointing in white cement mixed with pigment of matching shade	23	Sqm		

SECTION VI**Setting Up of Stroke Clinic at General Hospital, Thiruvananthapuram, Kerala state**

S.No	DESCRIPTION	QTY	UNIT	Rate in Rs.	Amount in Rs.
	complete.				
FLOOR TILE					
16	Providing and laying rectified Ceramic floor tiles of size 300x300 mm or more (thickness to be specified by the manufacturer), of 1st quality conforming to IS : 15622, of approved make, in all colours, shades, except White, Ivory, Grey, Fume Red Brown, laid on 20 mm thick Cement Mortar 1:4 (1 Cement : 4 Coarse sand), jointing with grey cement slurry @ 3.3kg/sqm including pointing the joints with white cement and matching pigments etc., complete.	5	Sqm		
PAINTING					
17	Providing and applying plaster of paris putty of 2 mm thickness over plastered surface to prepare the surface even and smooth complete.	10	Sqm		
18	Finishing with Deluxe Multi surface paint system for interiors using as per manufacturers specifications : Two or more coats applied on walls @ 1.25 ltr/10 sqm over and including one coat of Special primer applied @ 0.75 ltr /10 sqm	283	Sqm		
FRP DOOR					
19	Providing and fixing to existing door frames.30 mm thick Fiberglass Reinforced Plastic (F.R.P.) flush door shutter in different plain and wood finish made with fire retardant grade unsaturated polyester resin, moulded to 3 mm thick FRP laminate all around, with suitable wooden blocks inside at required places for fixing of fittings and polyurethane foam (PUF)/ Polystyrene foam to be used as filler material throughout the hollow panel, casted monolithically with testing parameters of F.R.P. laminate conforming to table - 3 of IS: 14856, complete as per direction of Engineer-in-charge.	4.00	Sqm		
20	Providing and fixing Fiber Glass Reinforced plastic (FRP) Door Frames of cross-section 90 mm x 45 mm having single rebate of 32 mm x 15 mm to receive shutter of 30 mm thickness .The laminate shall be moulded with fire resistant grade unsaturated polyester resin and chopped mat. Door frame laminate shall be 2 mm thick and shall be filled with suitable wooden block in all the three legs. The frame shall be covered with fiber glass from all sides. M.S. stay shall be provided at the bottom to steady the frame.	10	M		

SECTION VI**Setting Up of Stroke Clinic at General Hospital, Thiruvananthapuram, Kerala state**

S.No	DESCRIPTION	QTY	UNIT	Rate in Rs.	Amount in Rs.
PLUMBING					
	Providing and fixing Chlorinated Polyvinyl Chloride (CPVC) pipes, having thermal stability for hot & cold water supply, including all CPVC plain & brass threaded fittings, i/c fixing the pipe with clamps at 1.00 m spacing. This includes jointing of pipes & fittings with one step CPVC solvent cement and the cost of cutting chases and making good the same including testing of joints complete as per direction of Engineer in Charge. Concealed work, including cutting chases and making good the walls etc				
21	20mm nominal outer dia Pipes	20.00	M		
22	25mm nominal outer dia Pipes	20.00	M		
23	32mm nominal outer dia Pipes	20.00	M		
24	Providing and fixing wash basin with C.I. brackets, 15 mm C.P. brass pillar taps, 32 mm C.P. brass waste of standard pattern, including painting of fittings and brackets, cutting and making good the walls wherever require:White Vitreous China Surgeon type wash basin of size 660x460 mm with a pair of 15 mm C.P. brass pillar taps with including elbow operated levers	1	Each		
25	Providing and fixing CP Waste coupling for wash basin and sink of approved quality, colour and make. Waste coupling 31mm of 79mm length and 62mm breadth, weighing not less than 45 gms. Make:Hindware,Jaquar etc.,	1	Each		
26	Providing and fixing gun metal gate valve with C.I. wheel of approved quality -25MM	1	Each		
27	Providing and fixing PTMT Waste coupling for wash basin and sink of approved quality, colour and make. Waste coupling 31mm of 79mm length and 62mm breadth, weighing not less than 45 gms.	4	Each		
					-
28	Providing and fixing white vitreous china pedestal type water closet(European type W.C. pan) with seat and lid, 10 litre low level white P.V.C.flushing cistern, including flush pipe, with manually controlled device(handle lever), conforming to IS : 7231, with all fittings and fixturescomplete, including cutting and making good the walls and floors wherever required :W.C. pan with ISI marked white solid plastic seat and lid	2	Each		
29	Providing and fixing gun metal gate valve with C.I. wheel of approved quality -25 mm nominal bore	2	Each		
					-

SECTION VI**Setting Up of Stroke Clinic at General Hospital, Thiruvananthapuram, Kerala state**

S.No	DESCRIPTION	QTY	UNIT	Rate in Rs.	Amount in Rs.
30	Providing and fixing PTMT grating of approved quality and colour. Rectangular type with openable circular lid 150 mm nominal size square 100 mm diameter of the inner hinged round grating.	2	Each		
31	Providing and fixing 8 mm dia C.P. / S.S. Jet with flexible tube upto 1 metre long with S.S. triangular plate to European type W.C. of quality and make as approved by Engineer - in charge.	2	Each		
32	Providing and fixing brass bib cock of approved quality : 20 mm nominal bore each	3	Each		
33	Providing and fixing soil, waste and vent pipes :100 mm dia Sand cast iron S&S pipe as per IS: 1729	20	M		
34	Providing and fixing soil, waste and vent pipes :100 mm dia Sand cast iron S&S pipe as per IS: 1729	20	M		
NONDSR ITEM'S					
35	Surgical Curtain, Curtain fabric weight shall be up to 275-300 ($\pm 5\%$) gsm Composition of fabric shall be polyester yarn I.E. 300 denier fast colour sink age shall be ($\pm 5\%$) Weft and warp shall be polyester / cotton polyester mix with GI frames.	9	Each		
36	2 Bay scrub sink Size :- 1300W x 1360H x 508D - 910 Operatig Height Features . Advanced compact fully stainless steel scrub sink which offers two scrub stations. Scrub sink is fabricated from type 304, 1.2 mm stainless steel. The stainless steel. The stainless steel sink is polished to a s s matt finish. The scrub sink is polished to a s s matt finish. . The unit is designed to be installed on the wall using brackets.	1	Each		
Sub Total (Civil Work)					
Electrical Work					
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. 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	32	Point		

SECTION VI**Setting Up of Stroke Clinic at General Hospital, Thiruvananthapuram, Kerala state**

S.No	DESCRIPTION	QTY	UNIT	Rate in Rs.	Amount in Rs.
2	Wiring through PVC conduit				
	Wiring for circuit/submain wiring along with earth wire with the following sizes of FR PVC insulated copper conductor, single core cable in surface/recessed medium class PVC conduit as required.(Make:Havells/Finolex/V-guard/Polycab)				
a	2X1.5 sq.mm + 1X1.5 sq.mm earth wire	85	Metre		
b	2X2.5 sq.mm + 1 X2.5 sq mm earth wire	85	Metre		
c	2X4 sq.mm + 1X4 sq.mm earth wire	65	Metre		
4	A/C point				
	S/F 20A SPN MCB industrial socket outlet: Supplying and fixing 20 amps, 240 volts, SPN industrial type, socket outlet, with 2 pole and earth, metal enclosed plug top alongwith 20 amps "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.(Make: Legrand/Havells/HPL)	3	Point		
5	Modular type blanking plate:				
	Supplying and fixing modular blanking plate on the existing modular plate & switch box excluding modular plate as required.(Make: Legrand/Havells/HPL)	3	Each		
6	Modular boxes, bases & cover plate:				
	Supplying and fixing following size/modules, GI box along with modular base & cover plate for modular switches in recess etc as required.(Make: Legrand/Havells/HPL)				
a	3 module	3	Each		
b	6 module	18	Each		
7	Modular type switch/socket:				
	Supplying and fixing following modular switch/socket on the existing modular plate & switch box including connections but excluding modular plate etc as required. (Make: Legrand/Havells/HPL)				
a	5/6 Amps switch	18	Each		
b	3 pin 5/6 Amp socket outlet	18	Each		
c	15/16 Amps switch	18	Each		
d	6pin 15/16 Amps (universal) socket outlet	18	Each		
8	S/F PVC conduit:				
	Supplying and fixing of following sizes of medium class PVC conduit along with accessories in surface/recess including cutting				

SECTION VI**Setting Up of Stroke Clinic at General Hospital, Thiruvananthapuram, Kerala state**

S.No	DESCRIPTION	QTY	UNIT	Rate in Rs.	Amount in Rs.
	the wall and making good the same in case of recessed conduit as required.(ISI Make)				
b	25 mm	85	Metre		
	Installation Testing & Commissioning				
9	ITC Fluorescent fitting directly on surface: Installation, testing and commissioning of pre-wired, fluorescent fitting / compact fluorescent fitting/LED of all types, complete with all accessories and tube etc. directly on ceiling/ wall, including connection with 1.5 sq. mm FR PVC insulated, copper conductor, single core cable and earthing etc. as required.	25	Each		
9.1	ITC Ceiling fan: Installation, testing and commissioning of ceiling fan, including wiring the down rods of standard length (upto 30 cm) with 1.5 sq. mm FR PVC insulated, copper conductor, single core cable etc. as required.	2	Each		
12	LAYING OF CABLES				
	CABLE LAYING				
	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.				
a	FROM Mains TO DB				
	2 X 4 sq. mm + 1 X 4 sq. mm earth wire	15	Metre		
13	END TERMINATION				
	Supply and making end termination with brass compression gland, earth clip and aluminium lugs for following size of PVC insulated and PVC sheathed/XLPE aluminium conductor cable fo 1.1KV grade as required.				
	2 X 4 sq. mm + 1 X 4 sq. mm earth wire	6	Each		
15	S/F of SPN MCB PDB				
	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)				
a	8 way, Double door	1	Each		
	S/F of TPN MCB PDB				
	Supplying and fixing of following ways surface/ recess				

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S.No	DESCRIPTION	QTY	UNIT	Rate in Rs.	Amount in Rs.
	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.)				
a	8 way (4 + 24), Double door	1	Each		
16	S/F OF SP MCB				
	Supplying and fixing 5 A to 32 A rating, 240/415 V, 10 kA, "C" curve, miniature circuit breaker suitable for inductive load of following poles in the existing MCB DB complete with connections, testing and commissioning etc. as required.				
	6/32 A SP MCB	28	Each		
17	S/F DP ISOLATOR				
	Supplying and fixing following rating, double pole, (single phase and neutral), 240 volts, ISOLATOR having a sensitivity current upto 100 to 300 milliamperes in the existing MCB DB complete with connections, testing and commissioning etc, as required.(Make: Legrand/Havells/HPL)				
a	40 A	1	Each		
	S/F TP ISOLATOR				
17.1	Supplying and fixing following rating, four pole, 415 V, isolator in the existing MCB DB complete with connections, testing and commissioning etc. as required.				
a	40A	1	Each		
	S/F TPN MCB				
17.2	Supplying and fixing 5 A to 32 A rating, 240/415 V, 10 kA, "C" curve, miniature circuit breaker suitable for inductive load of following poles in the existing MCB DB complete with connections, testing and commissioning etc. as required.				
a	Triple pole and neutral	1	Each		
17.3	S/F TPN RCCB				
	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.				
a	63 A	1	Each		
18	EARTHING				
a	Earthing with G.I. earth pipe 4.5 meter long, 40 mm dia	1	Set		

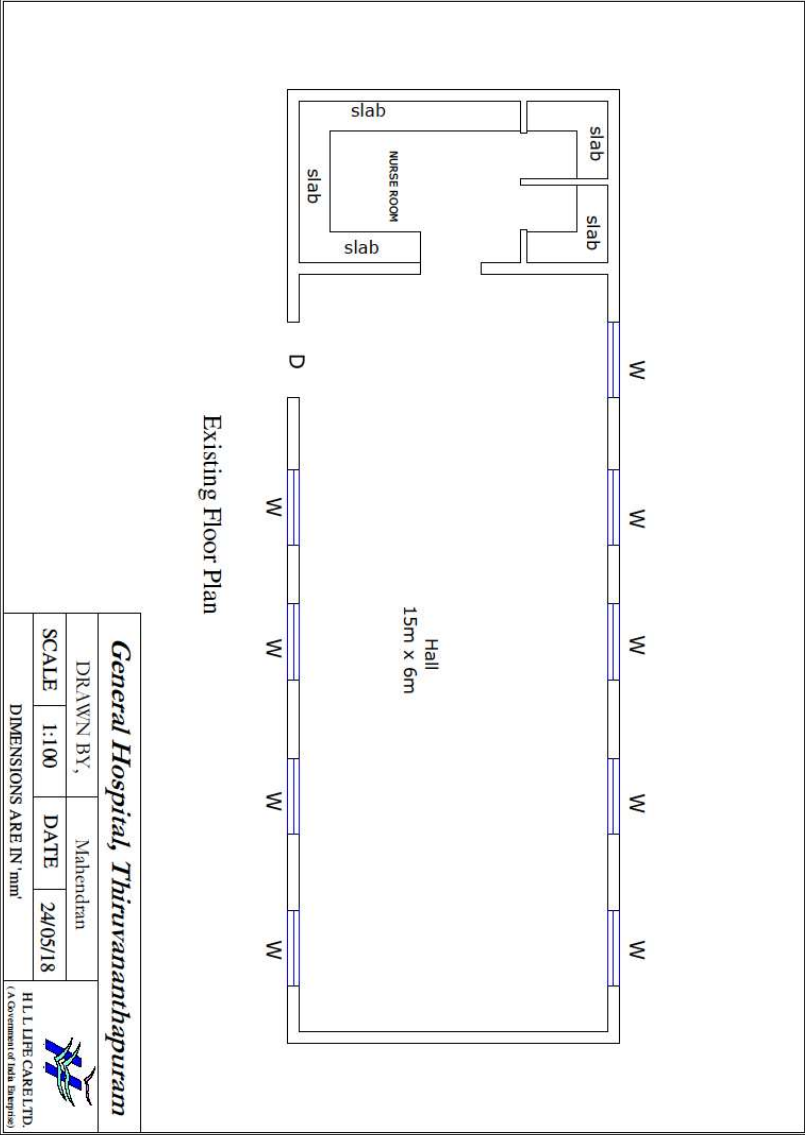
SECTION VI**Setting Up of Stroke Clinic at General Hospital, Thiruvananthapuram, Kerala state**

S.No	DESCRIPTION	QTY	UNIT	Rate in Rs.	Amount in Rs.
	including accessories, and providing masonry enclosure with cover plate having locking arrangement and watering pipe etc. with charcoal/ coke and salt as required.				
b	Providing and laying earth connection from earth electrode with 6 SWG dia G.I. Wire in 15 mm dia G.I. pipe from earth electrode including connection with G.I. thimble excavation and re-filling as required.	15	Metre		
NDSR					
1	Supply of 15W LED tube fitting sleek with decorative end cap, powder coated CRCA steel channel complete with all electrical accessories like electronic ballast, lamp holder, 28W LED lamp etc complete as required. (Philips / Wipro /HAVELLS)	9	Each		
1.1	Supply of 18 W LED tube fitting sleek with decorative end cap, powder coated CRCA steel channel complete with all electrical accessories like electronic ballast, lamp holder, 18W lamp etc complete as required. (CROMPTON Model no: LCTL-18 - CDL/LUKER Model no:LT518WH CL/Bajaj Model no: LHEXBQP71N1W018)	7	Each		
1.2	Supply and installation of 34W recess mounted, decorative Soft lite luminaire, powder coated CRCA housing complete with all electrical accessories like electronic ballast, lamp holder, 34W LED lamp etc complete with all mounting accessories like chain, anchor fastner etc as required.(CROMPTON Cat no:LCTAR 1-40-CDL /Havells Ordering CodeLHEWEBP6UL1W036 OR SAME MAKE OF WIPRO/PHILIPS) or else any higher versions may be approved as per the direction of engineer in HLL without change in cost.	9	Each		
1.3	Supply and installation wall fan, white colour, 5 star rated as per BEE complete with its all accessories(Make Havells/bajaj/usha/V-guard)	2	Each		
2	Miscellaneous Items				
2.1	Miscellaneous electrical work, removing of existing conduits and interconnections of light,6A socket/16A socket/A/C point from existng DB	1	LS		
	Supplying the following PVC insulated and PVC sheathed/XLPE power cable of 1.1 KV grade as per CPWD standards as required. (Make:Havells/ Glostar/Nicco/Finolex/Polycab)				
	2 X 4 sq. mm + 1 X 4 sq. mm earth wire (3 Nos. of 4 Sq.mm wire)	30	Metre		
4	Supply and Fixing of following rated , inverter Air conditioner with all the accessories and make, wall mounting and pointing with 4 sq.mm copper wire for neutral and phase. The make of the outdoor unit should have provided with weather proof shield.				

SECTION VI**Setting Up of Stroke Clinic at General Hospital, Thiruvananthapuram,
Kerala state**

S.No	DESCRIPTION	QTY	UNIT	Rate in Rs.	Amount in Rs.
4.a	Air conditioner split type 3 Star rated , no special color code, Two ton.(2 Ton 3 Star Split type)	3	Each		
Sub Total (Electrical Work)					
Total (Civil & Electrical Work)					
GST @ 18%					
Grand Total (Incl. of GST)					

Civil Existing Drawing

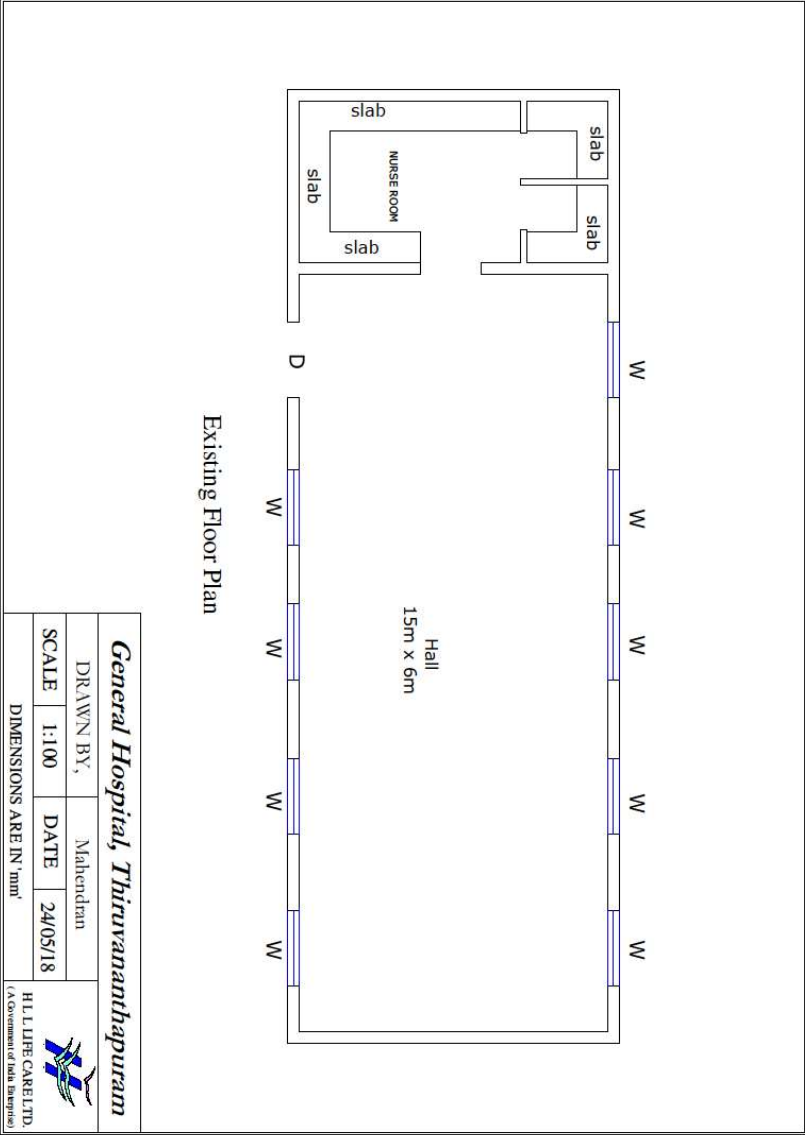


Existing Floor Plan

General Hospital, Thiruvananthapuram	
DRAWN BY,	Mahendran
SCALE	1:100
DATE	24/05/18
DIMENSIONS ARE IN "mm"	



Civil Proposed Drawing



General Hospital, Thiruvananthapuram	
DRAWN BY,	Mahendran
SCALE	1:100
DATE	24/05/18
DIMENSIONS ARE IN 'mm'	

