

TENDER DOCUMENT

**CIVIL & ELECTRICAL WORKS FOR SETTING UP OF
MAJOR AND MINI DIAGNOSTIC LAB FACILITIES**

**AT
VARIOUS LOCATIONS IN MAHARASHTRA**

**PROJECTS DIVISION,
HLL LIFECARE LTD,
CORPORATE HEAD OFFICE, POOJAPPURA,
THIRUVANANTHAPURAM – 695 012,
KERALA, INDIA
PHN: ++91 471 2354949, 2775588**

DECEMBER 2016

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/HCS/MH-01/2016-17

Date : 19-12-2016

HLL Lifecare Limited (HLL), a Government of India Enterprise is in the process of setting up its Diagnostic Lab facilities at various locations in Maharashtra. For the said project, sealed and super scribed bids are invited from eligible, competent and experienced Contractors who are capable to do the following work meeting the requirements as per the tender.

Sl. No	Brief Description of Item/Work	No. of Labs	EMD in Rs/Lab
1	Civil & Electrical works for setting up of MAJOR and MINI Diagnostic Lab facilities in Maharashtra as per <u>Schedule of Work (Schedule IV & V)</u> and <u>Schedule of Locations (Schedule VI)</u> enclosed.		
a)	MAJOR Lab as per Schedule IV	51 Nos.	Rs 20,000/-
b)	MINI Lab as per Schedule V	57 Nos.	Rs 15,000/-

1. The bidder can quote for one or more Labs specified in Schedule VI.

2. Qualification Criteria:

- a. Bidders should have minimum **Three years experience** in the relevant field. Documentary proof for the above eligibility criteria should be submitted along with the offer.
- b. Bidders, **for each lab quoted**, should have experience of having successfully completed within a period of last 3 years ending 01/12/2016 at least
 - i. **One** similar work of value not less than **Rs 6.0 Lakhs**
Or
 - ii. **Two similar works** , each of value **not less than Rs 4.0 Lakhs**

Copies of Work orders and Completion certificates issued by the Client/Authority concerned shall be submitted.

- 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 1/12/2016.
2. The bid documents will be available up to 15.00 Hrs. on the previous working day of the opening of the bids. The scheduled date for issue, receipt and opening of bids is as follows.
 - a) Date of issue of tender document - 19-12-2016 onwards
 - b) Last date and time for receipt of bids - 03-01-2017 up to 15.00 Hrs.
 - c) Date and time of opening of bids - 03-01-2017, 15.30 Hrs.
 - d) Address for communication, receipt and place of opening of bids:

ASSOCIATE VICE PRESIDENT (PROJECTS),

Projects Division,
HLL Lifecare Limited (A Government of India Enterprise)
Vth Floor, Plot No-86, Sector 11, Kopara Road,
Kharghar, Navi Mumbai,
Maharashtra - 410210
Phone: 022 2087 0667
E-mail: sreekumar@lifecarehll.com, harikrishnankp@lifecarehll.com

3. The completed and sealed bid documents should be submitted to Associate Vice President (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 03-01-2017 (Indicate the Closing Date). EMD shall be submitted in the form of demand draft drawn from a nationalized bank in favor of HLL Lifecare Limited payable at Thiruvananthapuram. Bids received after due date and time will be rejected. Any bid not accompanied by EMD will be rejected.
4. Bids will be opened in the presence of Bidders representative(s) who choose to attend on the specified date and time, at the office of HLL at the address given in Clause 2 (d) above.
5. In the event of the date specified for bid receipt and opening being declared as a closed holiday for the above purchaser's office, the due date for submission of bids and opening of bids will be the following working day at the appointed times.
6. HLL may, at its discretion, extend this deadline for submission of bids by amending the Bid Documents or any other reasons, in which case all rights and obligations of HLL and Bidders previously subject to the deadline will thereafter be subject to the deadline as extended.
7. HLL will not be held responsible for the postal delay, if any, in the delivery of the bidding document or the non-receipt of the same. Bids sent by Telex/Fax/Telegraph will not be accepted.

8. The EMD should be enclosed in a separate envelope and super scribed as “EMD” and to be attached in the main cover. SSI 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.
9. 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 IV & Schedule V)
 - e. All other documents/certificate/information as specified in the bid document.
10. In addition to the invitation for bids, the bidding documents include the following schedules.

Schedule II	-	Conditions of Contract
Schedule III	-	Acceptance Form
Schedule IV	-	Schedule of Work – MAJOR Lab
Schedule V	-	Schedule of Work - MINI Lab
Schedule VI	-	Schedule of Locations
11. **The eligible bidder can quote for any number of Labs as per the Schedule VI. The work shall be awarded to the Qualified bidder, who quotes the lowest amount for each Lab.**
12. HLL reserves the right to club or split the works, change the qualifying criteria at their discretion and to reject or cancel the Invitation for bids without assigning any reason thereof.

ASSOCIATE VICE PRESIDENT (PROJECTS)

SCHEDULE II

CONDITIONS OF CONTRACT

1) PRICE

The price quoted should be inclusive of all material cost, loading and unloading charges, all applicable taxes and other levies, labor charges, insurance etc. The **Schedule of Work** is enclosed as **Schedule IV – MAJOR Lab and Schedule V - MINI Lab**.

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

2) TAXES/DUTIES/LEVIES

The contractor shall be entirely responsible for all applicable taxes including sales tax, work contract tax, service tax, entry tax, duties, license fees etc. incurred until successful completion of contract.

3) ESCALATION

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

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

4) COMPLETION TIME

Time is the essence of the Contract. The total time allotted for completion of works in all respects for each Lab is **4 WEEKS** from the date of issue of the Letter Of Intent or Work Order. This stands clear irrespective of the number of labs awarded to each Party.

5) PAYMENT TERMS

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

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

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

The running account bills are to be submitted detailing the work description, quantity and rate as per the Work Order. Payment will be made against actual measurements

recorded and certified jointly by HLL Engineer in charge and the Contractor's representative.

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

6) SECURITY DEPOSIT

6.1 Simultaneously with the execution of the contract successful bidder shall furnish a Security deposit in the form of a Demand Draft from a nationalised bank drawn in favour of HLL Lifecare Limited, Thiruvananthapuram payable at Thiruvananthapuram or a Bank Guarantee from a nationalised bank, for an amount equal to 5% of the total contract value as Security Deposit for his faithful execution of contract. The Security deposit should be valid until successful completion of the contract and acceptance of the Equipment/works by the Purchaser/Owner and will be released after acceptance of the Equipment/works by the Purchaser/Owner. In case of a delay in the works the validity of security deposit shall be extended.

6.2 Within 10 days of the receipt of notification of award from the Purchaser/Owner; the successful Bidder shall furnish the security deposit in the form of a Demand Draft or Bank Guarantee in the security deposit form to be sent along with the Notification of Award.

6.3 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.

7) EARNEST MONEY

7.1 Each bid must be accompanied by E.M.D.

7.2 The EMD is required to protect the Purchaser/Owner against risk of Bidder's conduct, which would warrant the security's forfeiture.

a. The EMD shall be in the form of cash deposit or demand draft from a nationalized bank drawn in favour of HLL Lifecare Limited, Thiruvananthapuram payable at Thiruvananthapuram.

b. E.M.D. from unsuccessful bidders will be returned after the acceptance of order by the L1 party.

c. In the case of successful bidder, the Earnest Money will be returned after signing the contract, and submission of Security Deposit, which they will have to offer for the faithful execution of the contract.

7.3 The EMD may be forfeited:

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

8) DEFECT LIABILITY PERIOD:

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

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

9) FORCE MAJEURE

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

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

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

11) LIQUIDATED DAMAGES FOR DELAYS

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

12) SPECIAL INSTRUCTIONS

- 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 eligible bidder can quote for any number of Labs as per the Schedule VI. The work shall be awarded to the Qualified bidder who quotes the lowest amount for each Lab.**
5. To assist in the examination, evaluation and comparison of bids, the Owner may, at its discretion, ask the bidder for a clarification of its bid. The request for clarification and the response shall be in writing and no change in the rate or substance of the bid shall be sought, offered or permitted.
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 Owner will determine the substantial responsiveness of each bid to the bidding documents. For purposes of these clauses, a substantially responsive bid is one, which conforms to specifications and all the terms and conditions of the bidding documents without material deviation. The Owner's determination of a bid's responsiveness is to be based on the contents of the bid itself without recourse to extrinsic evidence.
8. The Owner's determination as to the substantial responsiveness or otherwise of each bid or consideration of a minor informality or non-conformity or irregularity is final and conclusive.
9. The Owner reserves the right to negotiate with the lowest evaluated responsive bidder.
10. The Owner will award the Contract to the successful Bidder whose bid has been determined to be substantially responsive and has been determined as the lowest evaluated bid provided further that the Bidder is determined to be qualified to perform the Contract satisfactorily for the items offered.
11. Prior to the expiration of the period of bid validity, the Owner will notify the successful Bidder in writing by or cable or telex or fax, to be confirmed in writing by post, that its bid has been accepted. The notification of award may be sent in the form of Letter of Intent and/or Work order.
12. The signed acceptance of the notification of award by the Contractor will constitute a concluded contract.
13. 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.
14. During the execution of work, the contractor or authorized representative should be present at site.
15. 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.
16. The materials used shall be as per specification and of good quality.
17. The Contractor has to arrange necessary insurance coverage for the machine, workmen etc. deployed by him. He shall arrange all safety measures to protect his workmen and also the properties of HLL/Hospital. The work site safety of all employees, their ESI, PF etc will have to be borne by the contractor.
18. The work should be carried out in truly professional manner, neatly finished with proper line, level and plumb. Cleanliness and finishing of the job is of utmost importance. Hence the job should be done most carefully with best workmanship. For all finishing jobs samples should be approved from the Purchaser/Owner before completely executing the work.

19. The Purchaser/Owner should be immediately informed for any discrepancy in drawings, specifications and instructions in the execution of job before actual execution of particular item having discrepancy.
20. Any item found to be having been executed with poor workmanship then the Contractor shall have to rectify /reconstruct the work as specified by Purchaser/Owner. No extra charge will be admissible in such case. If CONTRACTORS fails to do so, the Purchaser/Owner reserved the right to rectify/reconstruct the work through some other agency at the expenses of Contractor.
21. 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.
22. Special care is to be taken for cleanliness of the site. After the end of day's work, the site should be cleaned immediately.
23. The Contractor shall have to co-operate with the agencies executing other works in the same area.
24. While executing the work, the Contractor shall ensure safety and security of the property of the Purchaser/Owner so as to avoid theft etc.
25. 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.
26. If contractor is executing any extra items as per direction of Engineer in charge / Officer in charge, the rates shall be worked out as per the latest CPWD Schedule of Rates and in case, the item is not included in the CPWD schedule, the rate shall be arrived as per prevailing Market rates.
27. The Quantity shown in the schedule is an approximate estimated quantity. No rate revision will be entertained if the quantity increases/decreases due to the site condition while executing the work.

28. Water and Electricity: The contractor shall make his own arrangement for water and electricity required for the works. HLL will not be responsible for the supply of either electricity or water.
29. During the execution of work, the contractor or authorized representative/s at least one person having technical qualification should be present at site.
30. The contractor shall comply with by-laws and regulation of local and statutory authorities having jurisdiction over the work and shall be responsible for payment of all statutory fees and other charges and the giving and receiving of all necessary notices and the Owner shall be kept informed of the said compliances with by-laws, payment made, notices issued and received. All statutory payments shall be made by the Contractor and the same will be reimbursed by HLL on producing original challans/receipts.
31. Electrical
The work shall be carried out by a contractor holding valid licence issued by the State Government/Competent Authority for carrying out installation work of all voltage classes involved, under direct supervision of the persons holding valid certificates issued or recognized by the state government/competent authority.
32. Final payment shall be paid only after clearing the site as per direction of Engineer-in-charge/ Officer in charge.

13) CORRESPONDENCE

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

ASSOCIATE VICE PRESIDENT (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: sreekumar@lifecarehll.com, harikrishnankp@lifecarehll.com

14) SETTLEMENT OF DISPUTES

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

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

SCHEDULE III

ACCEPTANCE FORM

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

From

To

ASSOCIATE VICE PRESIDENT (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: sreekumar@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 120 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 IV
SCHEDULE OF WORK

Civil & Electrical works for setting up of each MAJOR LAB (51 LABS) facility in Maharashtra - reg.					
Sub:		QUOTED FOR LOCATION (S):- (TO BE FILLED BY THE BIDDER FOR EACH LAB)			
SI No	Item Description/Work	Quantity	Unit	Rate in Rs	Amount in Rs
A	CIVIL WORKS				
1	Taking out doors, windows and clerestory window shutters (steel or wood) including stacking within 50 metres lead .	10	Sqm		
2	Dismantling steel work in window frames, door frames and built up sections in angles, tees, flats and channels including all gusset plates, bolts, nuts, cutting rivets, welding etc. including dismembering and stacking within 50metres lead.	10	Kg		
3	Dismantling tile work in floors,walls and roofs laid in cement mortar including stacking material within 50 metres lead. For thickness of tiles up to 40 mm	5	Sqm		
4	Cleaning of fixed tiles / granite/ marble/cota stone by using stain remover / tile cleaner and clean water, using a rag or chamois-type mop rather than a sponge mop.And make the surface clean and shiny.	75	Sqm		
5	Removing white or colour wash by scrapping and sand papering and preparing the surface smooth including necessary repairs to scratches etc. Complete	5	Sqm		
6	Demolishing brick work manually/ by mechanical means including stackingof serviceable material and disposal of unserviceable material within 50metres lead as per direction of Engineer-in-charge.In cement mortar	1	Cum		
7	Dismantling aluminium/ Gypsum partitions, doors, windows, fixed glazing and false ceiling including disposal of unserviceable surplus material and stacking of serviceable material with in 50 meters lead as directed by Engineer-in-charge.	4	Sqm		
8	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. For dismantaling of Existing Lintel Beam	1	cum		
9	Half brick masonry 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.Cement mortar 1:4 (1 cement :4 coarse sand)	10	Sqm		
10	Extra for providing and placing in position 2 Nos 6mm dia. M.S. bars at every third course of half brick masonry.	10	Sqm		
11	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)	2	Cum		
12	15 mm cement plaster on the rough side of single or half brick wall of mix :1:4 (1 cement: 4 coarse sand)	15	Sqm		
13	12 mm cement plaster of mix : 1:4 (1 cement: 4 coarse sand)	16	Sqm		
14	Repairs to plaster of thickness 12 mm to 20 mm in patches of area 2.5 sq. meters and under, including cutting the patch in proper shape, raking outjoints and preparing and plastering the surface of the walls complete, including disposal of rubbish to the dumping ground within 50 metres lead : With cement mortar 1:4 (1 cement : 4 fine sand)	10	Sqm		
15	Applying one coat of water thinnable cement primer of approved brand and manufacture on wall surface : Water thinnable cement primer	32	Sqm		
16	Providing and applying plaster of paris putty of 2 mm thickness over plastered surface to prepare the surface even and smooth complete.	16	Sqm		

SCHEDULE IV
SCHEDULE OF WORK

Civil & Electrical works for setting up of each MAJOR LAB (51 LABS) facility in Maharashtra - reg.					
Sub:		QUOTED FOR LOCATION (S):- (TO BE FILLED BY THE BIDDER FOR EACH LAB)			
SI No	Item Description/Work	Quantity	Unit	Rate in Rs	Amount in Rs
17	Wall painting with acrylic emulsion paint of approved brand and manufacture to give an even shade : Two or more coats	108	Sqm		
18	Providing and laying vitrified floor tiles in different sizes (thickness to be specified by the manufacturer) with water absorption less than 0.08% and conforming to IS : 15622, of approved make, in all colours and shades,laid on 20mm thick cement mortar 1:4 (1 cement : 4 coarse sand), including grouting the joints with white cement and matching pigments etc.,complete:Size of Tile 600x600 mm sqm	100	sqm		
19	<p>Providing and fixing tiled false ceiling of approved 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</p> <p>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, 4mm 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, bottomexposed 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 asdirected by Engineer-in-charge.</p> <p>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.</p>	100	Sqm		
20	Providing and laying in position specified grade of reinforced cement concrete, including the cost of centering, shuttering, finishing and reinforcement -1:2:4 (1 cement : 2 coarse sand : 4 graded stone aggregate 20mm nominal size)	1	Cum		

SCHEDULE IV
SCHEDULE OF WORK

Civil & Electrical works for setting up of each MAJOR LAB (51 LABS) facility in Maharashtra - reg.					
QUOTED FOR LOCATION (S):- (TO BE FILLED BY THE BIDDER FOR EACH LAB)					
SI No	Item Description/Work	Quantity	Unit	Rate in Rs	Amount in Rs
21	Providing and fixing 18 mm thick gang saw cut, mirror polished, premoulded and prepolished, machine cut for kitchen platforms, vanity counters, window sills, facias and similar locations of required size, approved shade, colour and texture laid over 20 mm thick base cement mortar 1:4 (1 cement : 4 coarse sand), joints treated with white cement, mixed with matching pigment, epoxy touch ups, including rubbing, curing, moulding and polishing to edges to give high gloss finish etc. complete at all levels. Area of slab over 0.50 sqm ; Granite of any colour and shade	12	Sqm		
22	Providing edge moulding to 18 mm thick marble stone counters, Vanities etc., including machine polishing to edge to give high gloss finish etc. complete as per design approved by Engineer-in-Charge. Granite work	22	Metre		
23	Extra for providing opening of required size & shape for wash basin/ kitchen sink in kitchen platform, vanity counter and similar location in marble/ Granite/stone work, including necessary holes for pillar taps etc. including moulding, rubbing and polishing of cut edges etc. complete.	4	Each		
24	Providing and fixing aluminium work for doors, windows, ventilators and partitions with extruded built up standard tubular sections/ appropriate Z sections and other sections of approved make conforming to IS: 733 and IS: 1285, fixing with dash fasteners of required dia and size, including necessary filling up the gaps at junctions, i.e. at top, bottom and sides with required EPDM rubber/ neoprene gasket etc. Aluminium sections shall be smooth, rust free, straight, mitred and jointed mechanically wherever required including cleat angle, Aluminium snap beading for glazing / paneling, C.P. brass / stainless steel screws, all complete as per architectural drawings and the directions of Engineer-in-charge. (Glazing and paneling to be paid for separately) :				
25	For fixed portion: Powder coated aluminium (minimum thickness of powder coating 50 micron)	100	Kg		
26	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)	50	Kg		
27	Providing and fixing 12 mm thick prelaminated particle board flat pressed three layer or graded wood particle board conforming to IS: 12823 Grade I Type II, in panelling fixed in aluminum doors, windows shutters and partition frames with C.P. brass / stainless steel screws etc. complete as per architectural drawings and directions of engineer-in-charge.	20	Sqm		
28	Providing and fixing glazing in aluminium door, window, ventilator shutters and partitions etc. with EPDM rubber / neoprene gasket etc. complete as per the architectural drawings and the directions of Engineer-in-charge. With float glass panes of 5.50/6 mm thickness.	20	Sqm		
29	Providing and fixing aluminium die cast body tubular type universal hydraulic door closer (having brand logo with ISI, IS : 3564, embossed on the body, door weight upto 35 kg and door width upto 700 mm), with necessary accessories and screws etc. complete	3	Each		

SCHEDULE IV
SCHEDULE OF WORK

Civil & Electrical works for setting up of each MAJOR LAB (51 LABS) facility in Maharashtra - reg.					
QUOTED FOR LOCATION (S):- (TO BE FILLED BY THE BIDDER FOR EACH LAB)					
SI No	Item Description/Work	Quantity	Unit	Rate in Rs	Amount in Rs
30	Providing and fixing aluminium hanging floor door stopper, ISI marked, anodised (anodic coating not less than grade AC 10 as per IS : 1868) transparent or dyed to required colour and shade, with necessary screws etc. complete. Twin rubber stopper	3	Each		
31	Filling the gap in between aluminium frame & adjacent RCC/ Brick/ Stone work by providing weather silicon sealant over backer rod of approved quality as per architectural drawings and direction of Engineer-in-charge complete. Upto 5mm depth and 5 mm width	16	Metre		
32	Providing and fixing bright finished brass handles with screws etc. complete: 125 mm	6	Each		
33	Providing and fixing aluminium tower bolts, ISI marked, anodised (anodic coating not less than grade AC 10 as per IS : 1868) transparent or dyed to required colour or shade, with necessary screws etc. complete :300x10 mm	3	Each		
34	Providing and sticking Frosted Crystal Glass Film on glass panes in partition , doors etc.	4	Sq.m		
35	Earth work in excavation by mechanical means (Hydraulic excavator) / manual means in foundation trenches or drains (not exceeding 1.5m in width or 10 sqm on plan), including dressing of sides and ramming of bottoms, lift upto 1.5 m, including getting out the excavated soil and disposal of surplus excavated soil as directed, within a lead of 50m: All kinds of soil.	10	cum		
36	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 : 8 graded stone aggregate 40 mm nominal size)	8	cum		
37	Providing and fixing bright finished 100 mm mortice lock with 6 levers without pair of handles of approved quality for aluminium door, with necessary screws etc complete as per direction of Engineer-in-charge.	3	Each		
38	Steel work in built up tubular (round, square or rectangular hollow tubes etc.) trusses etc., including cutting, hoisting, fixing in position and applying a priming coat of approved steel primer, including welding and bolted with special shaped washers etc. complete. Hot finished welded type tubes	50	Kg		
39	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: Stainless Steel AISI-304(18/8) Wash basin 530x345 mm with single 15 mm C.P. brass pillar tap	4	Each		
40	Providing and fixing P.V.C. waste pipe for sink or wash basin including P.V.C. waste fittings complete. Flexible pipe :32 mm dia	4	Each		
41	Providing, laying and jointing unplasticized PVC pipes and specials of working pressure as mentioned below conforming to IS:4985 including cost of necessary jointing materials, labour for excavation of trenches, testing, refilling etc. complete all as per specifications. 4 Kg/Sq.cm and 63mm OD	20	Metre		

SCHEDULE IV
SCHEDULE OF WORK

Civil & Electrical works for setting up of each MAJOR LAB (51 LABS) facility in Maharashtra - reg.					
Sub:		QUOTED FOR LOCATION (S):- (TO BE FILLED BY THE BIDDER FOR EACH LAB)			
SI No	Item Description/Work	Quantity	Unit	Rate in Rs	Amount in Rs
42	Providing and fixing white vitreous china pedestal type water closet (European type) with seat and lid, 10 litre low level white vitreous china flushing cistern & C.P. flush bend with fittings & C.I.brackets, 40mm flush bend, overflow arrangement with specials of standard make and mosquito proof coupling of approved municipal design complete including painting of fittings and brackets, cutting and making good the walls and floors wherever required : W.C. pan with ISI marked white solid plastic seat and lid.(Make: Hindware, Jaquar, Parryware): Materials should be selected by the Engineer in charge	1	Set		
43	Providing and fixing wash basin/counter 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 Wash basin size 630x450 mm with a pair of 15 mm C.P. brass pillar taps. (Make: Hindware/Parryware/CERA/RAK): Materials should be selected by the Engineer in charge	1	Each		
44	Providing & fixing of CP Health faucet. Hand operated spray unit (instand type).Make:Hindware/Parryware/CERA/RAK. Materials to be selected by the Engineer in charge)	1	Set		
45	Providing and fixing P.V.C. waste pipe for sink or wash basin including P.V.C. waste fittings complete.Flexible pipe 40 mm dia	5	each		
46	Providing and fixing PVC floor trap self cleansing design with or without vent arm complete including cutting and making good the walls and floors. Make:Supreme,Finolex,Prince etc.,110mm dia inlet 110mm dia outlet	2	Each		
47	Providing and fixing C.P. brass long body bib cock of approved quality conforming to IS standards and weighing not less than 690 gms.: 15 mm nominal bore: Make:Hindware/Parryware/CERA/RAK.	5	Each		
48	Providing and fixing toilet paper holder :C.P. Brass	1	Each		
49	Providing and fixing C.P. brass stop cock (concealed) of standard design and of approved make conforming to IS:8931.:15 mm nominal bore. Make: Hindware/CERA/RAK/Parryware	5	Each		

SCHEDULE IV
SCHEDULE OF WORK

Civil & Electrical works for setting up of each MAJOR LAB (51 LABS) facility in Maharashtra - reg.					
Sub:		QUOTED FOR LOCATION (S):- (TO BE FILLED BY THE BIDDER FOR EACH LAB)			
SI No	Item Description/Work	Quantity	Unit	Rate in Rs	Amount in Rs
B	ELECTRICAL WORKS				
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	25	Point		
2	Power plug wiring in PVC conduit (2x4 sq mm) : Wiring for light/ power plug with 2x4 sq. mm FR PVC insulated copper conductor single core cable in surface/ recessed medium class PVC conduit along with 1 No 4 sq. mm FR PVC insulated copper conductor single core cable for loop earthing as required	60	m		
3	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.				
3.10	2 X 1.5 sq. mm + 1 X 1.5 sq. mm earth wire	80	m		
3.20	2 X 2.5 sq. mm + 1 X 2.5 sq. mm earth wire	40	m		
4	Telephone wiring in existing conduit : Supplying and drawing 2 pair 0.5 sq mm FRLS PVC insulated annealed copper conductor, unarmored telephone cable in the existing surface/ recessed steel/ PVC conduit as required.	150	m		
5	S/F PVC conduit : Supplying and fixing of following sizes of medium class PVC conduit along with accessories in surface/recess including cutting the wall and making good the same in case of recessed conduit as required.				
5.10	25 mm	120	m		
6	S/F 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.				
6.10	Telephone socket outlet	6	Each		
7	S/F Modular boxes, base & cover plate : Supplying and fixing 1 or 2 module (75 mmx75 mm),GI box along with modular base, cover plate for modular switches in recess etc as required.	20	Each		
8	S/F light plug point modular type accessories : Supplying and fixing suitable size GI box with modular plate and cover in front on surface or in recess, including providing and fixing 3 pin 5/6 amps modular socket outlet and 5/6 amps modular switch, connection,painting etc as required,	16	Each		
9	S/F Power plug point with modular type switch : Supplying and fixing suitable size GI box with modular plate and cover in front on surface or in recess, including providing and fixing 6 pin 15/16& 5/6 amps modular socket outlet and 15/16 amps modular switch, connection,painting etc as required.	12	Each		
10	Supplying and drawing of UTP 4 pair CAT 6 LAN Cable in the existing surface/ recessed steel/ PVC conduit as required.	200	m		
11	Fixing of RJ 45 data outlet	12	Nos.		

SCHEDULE IV
SCHEDULE OF WORK

Civil & Electrical works for setting up of each MAJOR LAB (51 LABS) facility in Maharashtra - reg.					
Sub:		QUOTED FOR LOCATION (S):- (TO BE FILLED BY THE BIDDER FOR EACH LAB)			
SI No	Item Description/Work	Quantity	Unit	Rate in Rs	Amount in Rs
12	Supplying and fixing suitable size GI box with modular plate and cover in front on surface or in recess, including providing and fixing 2 Nos. 3 pin 5/6 A modular socket outlet and 2 Nos. 5/6 A modular switch, connections etc. as required.	8	Each		
13	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)				
13.10	8 way, Double door	1	Each		
14	S/F 'C' series, MCB : Supplying and fixing 5 amps to 32 amps rating, 240/415 volts, "C" curve, miniature circuit breaker suitable for inductive load of following poles in the existing MCB DB complete with connections, testing and commissioning etc. as required.				
14.10	Single pole	4	Each		
14.20	Single pole and neutral	1	Each		
15	Supplying and fixing following rating, double pole, (single phase and neutral), 240 V, residual current circuit breaker (RCCB), having a sensitivity current 30 mA in the existing MCB DB complete with connections, testing and commissioning etc. as required.				
15.10	63A	1	Each		
16	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 along with 20 amps 'C' series, SP, MCB, in sheet steel enclosure, on surface or in recess, with chained metal cover for the socket outlet and complete with connections, testing and commissioning etc. as required.	2	Each		
17	Supply conveyance, installation, testing and commissioning the following types of light fittings with all accessories on false ceiling, true ceiling or wall as directed and giving connections with 16/0.20 mm 3 core PVC insulated and sheathed round copper conductor flex wire or extending the original wiring and giving connections as required. All recessed type fixtures are to be supported independently with chains or GI wire anchored to the ceiling with anchoring bolt of necessary size. All loose wires above the false ceiling are to be neatly concealed by flexible conduits.				
17.10	2 x 36 W CFL Square type (600 x 600mm) decorative recessed fitting complete with all accessories	12	Nos.		
17.20	1 x 15 W round recessed type LED – Philips Green LEDi900 – 4000K	8	Nos.		
18	Supply of 450mm sweep Pedestal fan with double bearing type and of approved make.	1	Nos.		

SCHEDULE IV
SCHEDULE OF WORK

Civil & Electrical works for setting up of each MAJOR LAB (51 LABS) facility in Maharashtra - reg.					
Sub:		QUOTED FOR LOCATION (S):- (TO BE FILLED BY THE BIDDER FOR EACH LAB)			
SI No	Item Description/Work	Quantity	Unit	Rate in Rs	Amount in Rs
19	Supply, Installation, testing and commissioning of ceiling fan (600mm sweep), including wiring the down rods of standard length (upto 30 cm) with 1.5 sq. mm FRLS PVC insulated, copper conductor, single core cable etc. as required. The Ceiling fan shall be double ball bearing type. (Make : USHA, Crompton High breeze)	8	Nos.		
20	Supply, installation, testing and commissioning of Air Cooled High Wall mounted Split Air Conditioner of following capacity consisting of high wall mounted type room unit (fan coil) with cordless remote control and one number outdoor condensing unit comprising of energy efficient suitable rotary compressor for operation on single phase, 230 V, 50Hz supply, fixing the outdoor unit on a raised platform as per manufacturers recommendation and fixing of room (fan coil) unit on wall, standard 4 m distance refrigerant copper piping with 13mm nitrile rubber insulation, providing and making interconnection between room & condenser as per site conditions, comprising of 1" dia drain PVC pipe with insulation 4m, canvas connections, full electrical cabling from power plug near indoor unit and to outdoor unit, ODU MS stand, first charge refrigerant gas, suitable stabilizer etc complete as required. (Make : Voltas , Blue Star, Siemens, Hitachi)				
20.10	1.5 TR 5 star rated as per BEE	1	Nos		
20.20	2 TR 5 star rated as per BEE	1	Nos		
B FIRE DETECTION AND ALARM SYSTEM					
1	Supply and installation of Conventional 2 Zone Fire Alarm Panel , batteries etc. . HONEYWELL/ RAVEL OR Equivalent - (Model - RE-102 OR Equivalent)	1	No.		
2	Supply and installation of Conventional photoelectric /Optical type smoke detectors with base. Make HONEYWELL /System Sensor OR Equivalent - (Model - 2351E OR equivalent)	6	Nos.		
3	Supply and installation of Manual call Points with base. Make Agni/PCD OR Equivalent - (Model - AD101/MC-AB-G)	1	Nos.		
4	Supply and installation of Conventional Electronics Hooter cum Strobe Make HONEYWELL/System Sensor OR Equivalent - (Model - P2R OR Equivalent)	1	Nos.		
5	Supply and installation of 2 core 1.5Sq.mm Armoured FRLS cable including clamping the cables, providing cable terminations with cable glands, etc. complete. make Finolex, Technoflex or equivalent	150	m		
6	Supply of CO2 type fire extinguisher of 4.5 kgs. Make SAFEX / MINIMAX / CEASEFIRE or equivalent	1	Nos.		
7	Supply of ABC Type fire extinguisher of 2 Kgs. Make SAFEX / MINIMAX / CEASEFIRE or equivalent	1	Nos.		

SCHEDULE IV
SCHEDULE OF WORK

Sub:	Civil & Electrical works for setting up of each MAJOR LAB (51 LABS) facility in Maharashtra - reg.				
	QUOTED FOR LOCATION (S):-		(TO BE FILLED BY THE BIDDER FOR EACH LAB)		
SI No	Item Description/Work	Quantity	Unit	Rate in Rs	Amount in Rs
C	CCTV-SECURITY SYSTEM				
	Supply ,Installation ,Testing & commissioning of the following items :				
1	Indoor IR Dome camera : 1/3" CCD,530TVL, 1.0 lux,AWB / BLC / AGC , min 20m range, Built-in IR illumination, white color case, PAL-CE/FCC approved., make CP PLUS or equivalent	8	Nos.		
2	Outdoor IR Bullet camera : 1/3" CCD,530TVL, 1.0 lux,AWB / BLC / AGC , min 20m range,Built-in IR illumination, white color case, DC12V, PAL-CE/FCC approved., make CP Plus or equivalent	1	Nos.		
3	Power supply unit for above camera as specified by camera manufacturer -12VDC 10A	1	Nos.		
4	Digital Video Recorder : 8-Channel Embedded HD DVR, 400fps, Real-time, with 2 TB HDD and English OSD, 230VAC. Rate shall be inclusive of all accessories, termination of cables, etc complete.	1	Nos.		
5	18" LED Color Monitors. make (LG/Samsung)	1	Nos.		
6	Supply and Laying of RG-6 Coaxial video cable with ISI marked PVC conduit including terminations with suitable BNC, etc complete. Make Technoflex/Neolex/Finolex	60	m		
D	ONLINE UPS SYSTEM				
1	SITC of 3 KVA Online UPS Systems of the following specifications :- True on - line 3 KVA UPS system. Inversion shall be Microprocessor controlled with instantaneous sine wave Control using IGBT. UPS shall have standard display features, alarms, safeties, etc Input Voltage range : A.C 235 V (+15% to -20%), 1 phase Input Frequency : 50 HZ (+/- 3HZ) Power Factor : 0.9 or above. THD : less than 5% ; Ripple Voltage in battery terminal : less than 2% DC Voltage Minimum Back up time : Continuous 60 Mins at full load Rectifier shall be Full wave Type (Shall fully meet the specified input power requirements) Battery Type : SMF	1	Job		
TOTAL AMOUNT					
APPLICABLE TAXES					
TOTAL AMOUNT IN RUPEES (INCLUSIVE OF TAXES)					
TOTAL AMOUNT IN WORDS					
I AGREE TO EXECUTE THE WORKS AS PER THE SCHEDULE AND RATES QUOTED BY ME AS ABOVE					
SEAL & SIGNATURE OF CONTRACTOR					

SCHEDULE V					
SCHEDULE OF WORK					
Sub:	Civil & Electrical works for setting up of each MINI LAB (57 LABS) facility in Maharashtra - reg.				
	QUOTED FOR LOCATION (S):-		(TO BE FILLED BY THE BIDDER FOR EACH LAB)		
SI No.	Item Description/Work	Quantity	Unit	Rate in Rs	Amount in Rs
A	CIVIL WORKS				
1	Taking out doors,windows and clerestory window shutters (steel or wood) including stacking within 50 metres lead .	10	Sqm		
2	Dismantling steel work in window frames, door frames and built up sections in angles, tees, flats and channels including all gusset plates, bolts, nuts, cutting rivets, welding etc. including dismembering and stacking within 50metres lead.	10	Kg		
3	Dismantling tile work in floors,walls and roofs laid in cement mortar including stacking material within 50 metres lead. For thickness of tiles up to 40 mm	5	Sqm		
4	Cleaning of fixed tiles / granite/ marble/cota stone by using stain remover / tile cleaner and clean water, using a rag or chamois-type mop rather than a sponge mop.And make the surface clean and shiny.	50	Sqm		
5	Removing white or colour wash by scrapping and sand papering and preparing the surface smooth including necessary repairs to scratches etc. Complete	10	Sqm		
6	Demolishing brick work manually/ by mechanical means including stackingof serviceable material and disposal of unserviceable material within 50metres lead as per direction of Engineer-in-charge.In cement mortar	1	Cum		
7	Dismantling aluminium/ Gypsum partitions, doors, windows, fixed glazing and false ceiling including disposal of unserviceable surplus material and stacking of serviceable material with in 50 meters lead as directed by Engineer-in-charge.	2	Sqm		
8	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. For dismantaling of Existing Lintel Beam	1	cum		
9	Half brick masonry 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.Cement mortar 1:4 (1 cement :4 coarse sand)	6	Sqm		
10	Extra for providing and placing in position 2 Nos 6mm dia. M.S. bars at every third course of half brick masonry.	7	Sqm		
11	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)	2	Cum		
12	15 mm cement plaster on the rough side of single or half brick wall of mix :1:4 (1 cement: 4 coarse sand)	10	Sqm		
13	12 mm cement plaster of mix : 1:4 (1 cement: 4 coarse sand)	10	Sqm		
14	Repairs to plaster of thickness 12 mm to 20 mm in patches of area 2.5 sq. meters and under, including cutting the patch in proper shape, raking outjoints and preparing and plastering the surface of the walls complete, including disposal of rubbish to the dumping ground within 50 metres lead : With cement mortar 1:4 (1 cement : 4 fine sand)	5	Sqm		
15	Applying one coat of water thinnable cement primer of approved brand and manufacture on wall surface : Water thinnable cement primer	25	Sqm		
16	Providing and applying plaster of paris putty of 2 mm thickness over plastered surface to prepare the surface even and smooth complete.	10	Sqm		
17	Wall painting with acrylic emulsion paint of approved brand and manufacture to give an even shade : Two or more coats	90	Sqm		
18	Providing and laying vitrified floor tiles in different sizes (thickness to be specified by the manufacturer) with water absorption less than 0.08% and conforming to IS : 15622, of approved make, in all colours and shades,laid on 20mm thick cement mortar 1:4 (1 cement : 4 coarse sand), including grouting the joints with white cement and matching pigments etc.,complete:Size of Tile 600x600 mm sqm	70	sqm		

SCHEDULE V					
SCHEDULE OF WORK					
Sub:	Civil & Electrical works for setting up of each MINI LAB (57 LABS) facility in Maharashtra - reg.				
	QUOTED FOR LOCATION (S):-		(TO BE FILLED BY THE BIDDER FOR EACH LAB)		
SI No.	Item Description/Work	Quantity	Unit	Rate in Rs	Amount in Rs
19	<p>Providing and fixing tiled false ceiling of approved 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</p> <p>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, 4mm 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, bottomexposed 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 asdirected by Engineer-in-charge.</p> <p>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.</p>	70	Sqm		
20	Providing and laying in position specified grade of reinforced cement concrete, including the cost of centering, shuttering, finishing and reinforcement -1:2:4 (1 cement : 2 coarse sand : 4 graded stone aggregate 20mm nominal size)	1	Cum		
21	Providing and fixing 18 mm thick gang saw cut, mirror polished, premoulded and prepolished, machine cut for kitchen platforms, vanity counters, window sills , facias and similar locations of required size, approved shade, colour and texture laid over 20 mm thick base cement mortar 1:4 (1 cement : 4 coarse sand), joints treated with white cement, mixed with matching pigment, epoxy touch ups, including rubbing, curing, moulding and polishing to edges to give high gloss finish etc. complete at all levels.Area of slab over 0.50 sqm ; Granite of any colour and shade	8	Sqm		

SCHEDULE V					
SCHEDULE OF WORK					
Sub:	Civil & Electrical works for setting up of each MINI LAB (57 LABS) facility in Maharashtra - reg.				
	QUOTED FOR LOCATION (S):-		(TO BE FILLED BY THE BIDDER FOR EACH LAB)		
SI No.	Item Description/Work	Quantity	Unit	Rate in Rs	Amount in Rs
22	Providing edge moulding to 18 mm thick marble stone counters, Vanities etc., including machine polishing to edge to give high gloss finish etc. complete as per design approved by Engineer-in-Charge. Granite work	16	Metre		
23	Extra for providing opening of required size & shape for wash basin/ kitchen sink in kitchen platform, vanity counter and similar location in marble/ Granite/stone work, including necessary holes for pillar taps etc. including moulding, rubbing and polishing of cut edges etc. complete.	3	Each		
24	Providing and fixing aluminium work for doors, windows, ventilators and partitions with extruded built up standard tubular sections/ appropriate Z sections and other sections of approved make conforming to IS: 733 and IS: 1285, fixing with dash fasteners of required dia and size, including necessary filling up the gaps at junctions, i.e. at top, bottom and sides with required EPDM rubber/ neoprene gasket etc. Aluminium sections shall be smooth, rust free, straight, mitred and jointed mechanically wherever required including cleat angle, Aluminium snap beading for glazing / paneling, C.P. brass / stainless steel screws, all complete as per architectural drawings and the directions of Engineer-in-charge. (Glazing and paneling to be paid for separately) :				
25	For fixed portion: Powder coated aluminium (minimum thickness of powder coating 50 micron)	100	Kg		
26	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)	50	Kg		
27	Providing and fixing 12 mm thick prelaminated particle board flat pressed three layer or graded wood particle board conforming to IS: 12823 Grade I Type II, in panelling fixed in aluminum doors, windows shutters and partition frames with C.P. brass / stainless steel screws etc. complete as per architectural drawings and directions of engineer-in-charge.	20	Sqm		
28	Providing and fixing glazing in aluminium door, window, ventilator shutters and partitions etc. with EPDM rubber / neoprene gasket etc. complete as per the architectural drawings and the directions of Engineer-in-charge. With float glass panes of 5.50/6 mm thickness.	20	Sqm		
29	Providing and fixing aluminium die cast body tubular type universal hydraulic door closer (having brand logo with ISI, IS : 3564, embossed on the body, door weight upto 35 kg and door width upto 700 mm), with necessary accessories and screws etc. complete	3	Each		
30	Providing and fixing aluminium hanging floor door stopper, ISI marked, anodised (anodic coating not less than grade AC 10 as per IS : 1868) transparent or dyed to required colour and shade, with necessary screws etc. complete. Twin rubber stopper	3	Each		
31	Filling the gap in between aluminium frame & adjacent RCC/ Brick/ Stone work by providing weather silicon sealant over backer rod of approved quality as per architectural drawings and direction of Engineer-in-charge complete. Upto 5mm depth and 5 mm width	16	Metre		
32	Providing and fixing bright finished brass handles with screws etc. complete: 125 mm	6	Each		
33	Providing and fixing aluminium tower bolts, ISI marked, anodised (anodic coating not less than grade AC 10 as per IS : 1868) transparent or dyed to required colour or shade, with necessary screws etc. complete :300x10 mm	3	Each		

SCHEDULE V
SCHEDULE OF WORK

Sub: Civil & Electrical works for setting up of each MINI LAB (57 LABS) facility in Maharashtra - reg.					
QUOTED FOR LOCATION (S):-			(TO BE FILLED BY THE BIDDER FOR EACH LAB)		
SI No.	Item Description/Work	Quantity	Unit	Rate in Rs	Amount in Rs
34	Providing and sticking Frosted Crystal Glass Film on glass panes in partition , doors etc.	4	Sqm		
35	Earth work in excavation by mechanical means (Hydraulic excavator) / manual means in foundation trenches or drains (not exceeding 1.5m in width or 10 sqm on plan), including dressing of sides and ramming of bottoms, lift upto 1.5 m, including getting out the excavated soil and disposal of surplus excavated soil as directed, within a lead of 50m:All kinds of soil.	10	cum		
36	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 : 8 graded stone aggregate 40 mm nominal size)	8	cum		
37	Providing and fixing bright finished 100 mm mortice lock with 6 levers without pair of handles of approved quality for aluminium door, with necessary screws etc complete as per direction of Engineerin-charge.	16	Each		
38	Steel work in built up tubular (round, square or rectangular hollow tubesetc.) trusses etc., including cutting, hoisting, fixing in position and applying a priming coat of approved steel primer, including welding and bolted with special shaped washers etc. complete. Hot finished welded type tubes	50	Kg		
PLUMBING					
39	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: Stainless Steel AISI-304(18/8) Wash basin 530x345 mm with single 15 mm C.P. brass pillar tap	4	Each		
40	Providing and fixing P.V.C. waste pipe for sink or wash basin including P.V.C. waste fittings complete.Flexible pipe :32 mm dia	4	Each		
41	Providing, laying and jointing unplastitized PVC pipes and specials of working pressure as mentioned below conforming to IS:4985 including cost of necessary jointing materials, labour for excavation of trenches, testing, refilling etc. complete all as per specifications.4 Kg/Sq.cm and 63mm OD	20	Metre		
42	Providing and fixing white vitreous china pedestal type water closet (European type) with seat and lid, 10 litre low level white vitreous china flushing cistern & C.P. flush bend with fittings & C.I.brackets, 40mm flush bend, overflow arrangement with specials of standard make and mosquito proof coupling of approved municipal design complete including painting of fittings and brackets, cutting and making good the walls and floors wherever required : W.C. pan with ISI marked white solid plastic seat and lid.(Make:Hindware/Parryware/CERA/RAK): Materials should be selected by the Engineer in charge	1	Set		
43	Providing and fixing wash basin/counter 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 Wash basin size 630x450 mm with a pair of 15 mm C.P. brass pillar taps. (Make: Hindware/Parryware/CERA/RAK): Materials should be selected by the Engineer in charge	1	Each		
44	Providing & fixing of CP Health faucet. Hand operated spray unit (instand type).Make: Hindware/Parryware/CERA/RAK. Materials to be selected by the Engineer in charge)	1	Set		
45	Providing and fixing P.V.C. waste pipe for sink or wash basin including P.V.C. waste fittings complete.Flexible pipe 40 mm dia	5	Each		

SCHEDULE V
SCHEDULE OF WORK

Sub:	Civil & Electrical works for setting up of each MINI LAB (57 LABS) facility in Maharashtra - reg.				
	QUOTED FOR LOCATION (S):-		(TO BE FILLED BY THE BIDDER FOR EACH LAB)		
Sl No.	Item Description/Work	Quantity	Unit	Rate in Rs	Amount in Rs
46	Providing and fixing PVC floor trap self cleansing design with or without vent arm complete including cutting and making good the walls and floors. Make:Supreme,Finolex,Prince etc.,110mm dia inlet 110mm dia outlet	2	Each		
47	Providing and fixing C.P. brass long body bib cock of approved quality conforming to IS standards and weighing not less than 690 gms.: 15 mm nominal bore: Make:Jauqar, Hindware, Parryware, crome	5	Each		
48	Providing and fixing toilet paper holder :C.P. Brass	1	Each		
49	Providing and fixing C.P. brass stop cock (concealed) of standard design and of approved make conforming to IS:8931.:15 mm nominal bore.: Make:Jauqar, Hindware, Parryware, crome	5	Each		

SCHEDULE V					
SCHEDULE OF WORK					
Sub:	Civil & Electrical works for setting up of each MINI LAB (57 LABS) facility in Maharashtra - reg.				
	QUOTED FOR LOCATION (S):-		(TO BE FILLED BY THE BIDDER FOR EACH LAB)		
SI No.	Item Description/Work	Quantity	Unit	Rate in Rs	Amount in Rs
B	ELECTRICAL WORKS				
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	20	Point		
2	Power plug wiring in PVC conduit (2x4 sq mm) : Wiring for light/ power plug with 2x4 sq. mm FR PVC insulated copper conductor single core cable in surface/ recessed medium class PVC conduit along with 1 No 4 sq. mm FR PVC insulated copper conductor single core cable for loop earthing as required	45	m		
3	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.				
3.10	2 X 1.5 sq. mm + 1 X 1.5 sq. mm earth wire	60	m		
3.20	2 X 2.5 sq. mm + 1 X 2.5 sq. mm earth wire	30	m		
4	Telephone wiring in existing conduit : Supplying and drawing 2 pair 0.5 sq mm FRLS PVC insulated annealed copper conductor, unarmored telephone cable in the existing surface/ recessed steel/ PVC conduit as required.	130	m		
5	S/F PVC conduit : Supplying and fixing of following sizes of medium class PVC conduit along with accessories in surface/recess including cutting the wall and making good the same in case of recessed conduit as required.				
5.10	25 mm	100	m		
6	S/F 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.				
6.10	Telephone socket outlet	6	Each		
7	S/F Modular boxes, base & cover plate : Supplying and fixing 1 or 2 module (75 mmx75 mm),GI box along with modular base, cover plate for modular switches in recess etc as required.	20	Each		
8	S/F light plug point modular type accessories : Supplying and fixing suitable size GI box with modular plate and cover in front on surface or in recess, including providing and fixing 3 pin 5/6 amps modular socket outlet and 5/6 amps modular switch, connection,painting etc as required,	16	Each		
9	S/F Power plug point with modular type switch : Supplying and fixing suitable size GI box with modular plate and cover in front on surface or in recess, including providing and fixing 6 pin 15/16& 5/6 amps modular socket outlet and 15/16 amps modular switch, connection,painting etc as required.	12	Each		
10	Supplying and drawing of UTP 4 pair CAT 6 LAN Cable in the existing surface/ recessed steel/ PVC conduit as required.	180	m		
11	Fixing of RJ 45 data outlet	10	Nos.		
12	Supplying and fixing suitable size GI box with modular plate and cover in front on surface or in recess, including providing and fixing 2 Nos. 3 pin 5/6 A modular socket outlet and 2 Nos. 5/6 A modular switch, connections etc. as required.	6	Each		
13	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)				
13.10	8 way, Double door	1	Each		
14	S/F 'C' series, MCB : Supplying and fixing 5 amps to 32 amps rating, 240/415 volts, "C" curve, miniature circuit breaker suitable for inductive load of following poles in the existing MCB DB complete with connections, testing and commissioning etc. as required.				
14.10	Single pole	4	Each		
14.20	Single pole and neutral	1	Each		
15	Supplying and fixing following rating, double pole, (single phase and neutral), 240 V, residual current circuit breaker (RCCB), having a sensitivity current 30 mA in the existing MCB DB complete with connections, testing and commissioning etc. as required.				
15.10	63A	1	Each		

SCHEDULE V					
SCHEDULE OF WORK					
Sub:	Civil & Electrical works for setting up of each MINI LAB (57 LABS) facility in Maharashtra - reg.				
	QUOTED FOR LOCATION (S):-		(TO BE FILLED BY THE BIDDER FOR EACH LAB)		
SI No.	Item Description/Work	Quantity	Unit	Rate in Rs	Amount in Rs
16	S/F 20A SPN MCB industrial socket outlet : Supplying and fixing 20 amps, 240 Volts, SPN industril type, socket outlet, with 2 pole and earth, metal enclosed plug top along with 20 amps 'C' series, SP, MCB, in sheet steel enclosure, on surface or in recess, with chained metal cover for the socket outlet and complete with connections, testing and commissioning etc. as required.	2	Each		
17	Supply conveyance, installation, testing and commissioning the following types of light fittings with all accessories on false ceiling, true ceiling or wall as directed and giving connections with 16/0.20 mm 3 core PVC insulated and sheathed round copper conductor flex wire or extending the original wiring and giving connections as required. All recessed type fixtures are to be supported independently with chains or GI wire anchored to the ceiling with anchoring bolt of necessary size. All loose wires above the false ceiling are to be neatly concealed by flexible conduits.				
17.10	2 x 36 W CFL Square type (600 x 600mm) decorative recessed fitting complete with all accessorites	10	Nos.		
17.20	1 x 15 W round recessed type LED – Philips Green LEDi900 – 4000K	8	Nos.		
18	Supply of 450mmm sweep Pedestal fan with double bearing type and of approved make.	1	Nos.		
19	Supply, Installation, testing and commissioning of ceiling fan (600mm sweep), including wiring the down rods of standard length (upto 30 cm) with 1.5 sq. mm FRLS PVC insulated, copper conductor, single core cable etc. as required. The Ceiling fan shall be double ball bearing type. (Make : USHA, Cromption High breeze)	8	Nos.		
20	Supply, installation, testing and commissioning of Air Cooled High Wall mounted Split Air Conditioner of following capacity consisting of high wall mounted type room unit (fan coil) with cordless remote control and one number outdoor condensing unit comprising of enegy efficient suitable rotary compressor for operation on single phase, 230 V, 50Hz supply, fixing the outdoor unit on a raised platform as per manufacturers recommendation and fixing of room (fan coil) unit on wall, standard 4 m distance refrigerant copper piping with 13mm nitrile rubber insulation, providing and making interconnection between room & condenser as per site conditions, comprising of 1" dia drain PVC pipe with insulation 4m, canvas connections, full electrical cabling from power plug near indoor unit and to outdoor unit, ODU MS stand, first charge refrigerant gas, suitable stabilizer etc complete as required. (Make : Voltas , Blue Star, Siemens, Hitachi)				
20.10	1.5 TR 5 star rated as per BEE	1	Nos		
20.20	2 TR 5 star rated as per BEE	1	Nos		

SCHEDULE V					
SCHEDULE OF WORK					
Sub:	Civil & Electrical works for setting up of each MINI LAB (57 LABS) facility in Maharashtra - reg.				
	QUOTED FOR LOCATION (S):-		(TO BE FILLED BY THE BIDDER FOR EACH LAB)		
Sl No.	Item Description/Work	Quantity	Unit	Rate in Rs	Amount in Rs
B	FIRE DETECTION AND ALARM SYSTEM				
1	Supply and installation of Conventional 2 Zone Fire Alarm Panel , batteries etc. . HONEYWELL/ RAVEL OR Equivalent - (Model - RE-102 OR Equivalent)	1	No.		
2	Supply and installation of Conventional photoelectric /Optical type smoke detectors with base. Make HONEYWELL /System Sensor OR Equivalent - (Model - 2351E OR equivalent)	6	Nos.		
3	Supply and installation of Manual call Points with base. Make Agni/PCD OR Equivalent - (Model - AD101/MC-AB-G)	1	Nos.		
4	Supply and installation of Conventional Electronics Hooter cum Strobe Make HONEYWELL/System Sensor OR Equivalent - (Model - P2R OR Equivalent)	1	Nos.		
5	Supply and installation of 2 core 1.5Sq.mm Armoured FRLS cable including clamping the cables, providing cable terminations with cable glands, etc. complete. make Finolex, Technoflex or equivalent	150	m		
6	Supply of CO2 type fire extinguisher of 4.5 kgs. Make SAFEX / MINIMAX / CEASEFIRE or equivalent	1	Nos.		
7	Supply of ABC Type fire extinguisher of 2 Kgs. Make SAFEX / MINIMAX / CEASEFIRE or equivalent	1	Nos.		
C	CCTV-SECURITY SYSTEM				
	Supply ,Installation ,Testing & commissioning of the following items :				
1	Indoor IR Dome camera : 1/3" CCD,530TVL, 1.0 lux,AWB / BLC / AGC , min 20m range, Built-in IR illumination, white color case, PAL-CE/FCC approved., make CP PLUS or equivalent	4	Nos.		
2	Outdoor IR Bullet camera : 1/3" CCD,530TVL, 1.0 lux,AWB / BLC / AGC , ,min 20m range,Built-in IR illumination, white color case, DC12V, PAL-CE/FCC approved., make CP Plus or equivalent	1	Nos.		
3	Power supply unit for above camera as specified by camera manufacturer -12VDC 10A	1	Nos.		
4	Digital Video Recorder : 8-Channel Embedded HD DVR, 400fps, Real-time, with 2 TB HDD and English OSD, 230VAC. Rate shall be inclusive of all accessories, termination of cables, etc complete.	1	Nos.		
5	18" LED Color Monitors. make (LG/Samsung)	1	Nos.		
6	Supply and Laying of RG-6 Coaxial video cable with ISI marked PVC conduit including terminations with suitable BNC, etc complete. Make Technoflex/Neolex/Finolex	60	m		

SCHEDULE V					
SCHEDULE OF WORK					
Sub:	Civil & Electrical works for setting up of each MINI LAB (57 LABS) facility in Maharashtra - reg.				
	QUOTED FOR LOCATION (S):-		(TO BE FILLED BY THE BIDDER FOR EACH LAB)		
SI No.	Item Description/Work	Quantity	Unit	Rate in Rs	Amount in Rs
	ONLINE UPS SYSTEM				
1	SIT of 2 KVA Online UPS Systems of the following specifications :- True on - line 2 KVA UPS system. Inversion shall be Microprocessor controlled with instantaneous sine wave Control using IGBT. UPS shall have standard display features, alarms, safeties, etc Input Voltage range : A.C 235 V (+15% to -20%), 1 phase Input Frequency : 50 HZ (+/- 3HZ) Power Factor : 0.9 or above. THD : less than 5% ; Ripple Voltage in battery terminal : less than 2% DC Voltage Minimum Back up time : Continuous 60 Mins at full load Rectifier shall be Full wave Type (Shall fully meet the specified input power requirements) Battery Type : SMF	1	Job		
TOTAL AMOUNT					
APPLICABLE TAXES					
TOTAL AMOUNT IN RUPEES (INCLUSIVE OF TAXES)					
TOTAL AMOUNT IN WORDS					
I AGREE TO EXECUTE THE WORKS AS PER THE SCHEDULE AND RATES QUOTED BY ME AS ABOVE					
SEAL & SIGNATURE OF CONTRACTOR					

SCHEDULE VI

PROPOSED MAJOR LAB (51 LOCATIONS) & MINI LAB (57 LOCATIONS) IN MAHARASHTRA

District	Sl. No	Location of Lab	Type of Lab	Nearby Hospital Facility
THANE / PALGHAR	1	Thane	MAJOR LAB	District Hospital, Thane
	2	Dahanu	MAJOR LAB	Dahanu ,SDH
	3	Jawhar	MAJOR LAB	Jawhar ,SDH
	4	Shahapur	MINI LAB	Shahapur,SDH
RAIGAD(ALIBAG)	5	Raigad (Alibagh)	MAJOR LAB	District Hospital
	6	Mangaon	MAJOR LAB	Mangaon ,SDH
RATNAGIRI	7	Ratnagiri	MAJOR LAB	District Hospital
	8	Khed/Kalmbani	MAJOR LAB	Kalmbani ,SDH
	9	Dapoli	MINI LAB	Sub district hospital
NASHIK	10	Nashik	MAJOR LAB	District Hospital
	11	Malegaon	MAJOR LAB	General Hospital
	12	Kalwan	MAJOR LAB	Kalwan ,SDH
	13	Surgana	MINI LAB	RH
	14	Peint	MINI LAB	RH
	15	Trimbak	MINI LAB	RH
	16	Manmad	MINI LAB	Sub district hospital
AHMEDNAGAR	17	Ahmadnagar	MAJOR LAB	District Hospital
	18	Shevgaon	MINI LAB	RH
	19	Sangamner	MINI LAB	RH
	20	Shringonda	MINI LAB	RH
	21	Jamkhed	MINI LAB	RH
DHULE	22	Shirpur	MAJOR LAB	Shirpur , SDH
	23	Sakri	MINI LAB	RH
	24	Dhule	MINI LAB	Dhule town

District	SI No	Location of Lab	Type of Lab	Nearby Hospital Facility
JALGAON	25	Jalgaon	MAJOR LAB	District Hospital
	26	Chopda	MAJOR LAB	Chopda ,SDH
	27	Bhadgaon	MINI LAB	RH
	28	Muktianagar	MINI LAB	SDH
NANDURBAR	29	Nandurbar	MAJOR LAB	District Hospital
	30	Dhadgaon	MINI LAB	RH
PUNE	31	Pune	MAJOR LAB	District Hospital
	32	Baramati	MAJOR LAB	Women Hospital
	33	Ambegaon	MAJOR LAB	Manchar ,SDH
	34	Indapurh	MINI LAB	Indapur, SDH
	35	Shirur	MINI LAB	RH
	36	Wadgaon	MINI LAB	
SOLAPUR	37	Pandharpur	MAJOR LAB	Pandharpur, SDH
	38	Solapur	MINI LAB	RH
	39	Barshi	MINI LAB	RH
KOLHAPUR	40	Gadhinglaj	MAJOR LAB	Gadhinglaj , SDH
	41	Kolhapur	MINI LAB	Gandhinagar
	42	Chandgad	MINI LAB	RH
SANGLI	43	Sangli	MINI LAB	Sangli Town
	44	Jath	MINI LAB	RH
SATARA	45	Satara	MAJOR LAB	District Hospital
	46	Karad	MAJOR LAB	Karad , SDH
	47	Khandala	MINI LAB	RH
	48	Dahiwadi	MINI LAB	RH
SINDHUDURG	49	Sindhudurg (Kudal)	MAJOR LAB	District Hospital
	50	Kankawali	MAJOR LAB	Kankawali , SDH
	51	Sawantwadi	MAJOR LAB	Sawantwadi, SDH
	52	Talere	MINI LAB	RH

District	SI No.	Location of Lab	Type of Lab	Nearby Hospital Facility
AURANGABAD	53	Vaijapur	MAJOR LAB	Vaijapur, SDH
	54	Aurangabad	MINI LAB	Aurangabad town
	55	Sillod	MINI LAB	Sub district hospital
	56	Kannad	MINI LAB	RH
	57	Gangapur	MINI LAB	SDH
HINGOLI	58	Hingoli	MAJOR LAB	District Hospital
JALNA	59	Jalna	MAJOR LAB	District Hospital (WH Covered)
	60	Jafrabad	MINI LAB	RH
	61	Mantha	MINI LAB	RH
PARBHANI	62	Parbhani	MAJOR LAB	District Hospital
BEED	63	Beed	MAJOR LAB	District Hospital
	64	Parali	MAJOR LAB	Parali , SDH
	65	Manjlegaon	MINI LAB	RH
LATUR	66	Latur	MAJOR LAB	Women Hospital
	67	Udgir	MAJOR LAB	Udgir ,SDH
NANDED	68	Nanded	MAJOR LAB	Women Hospital
	69	Mukhed	MAJOR LAB	Mukhed ,SDH
	70	HimayatNagar	MINI LAB	RH
	71	Umri	MINI LAB	RH
OSMANABAD	72	Osmanabad	MAJOR LAB	District Hospital
	73	Umerga	MAJOR LAB	Umerga ,SDH
	74	Tuljapur	MAJOR LAB	Tuljapur,SDH
	75	Paranda	MINI LAB	
AKOLA	76	Akola	MAJOR LAB	Women Hospital
	77	Akot	MINI LAB	RH

District	SI No.	Location of Lab	Type of Lab	Nearby Hospital Facility
AMRAVATI	78	Amravati	MAJOR LAB	District Hospital
	79	Achalpur	MAJOR LAB	Achalpur , SDH
	80	Warud	MINI LAB	RH
	81	Dharni	MINI LAB	SDH
BULDHANA	82	Buldhana	MAJOR LAB	District Hospital
	83	Khamgaon	MAJOR LAB	General Hospital
	84	Mehakar	MINI LAB	RH
YEOTMAL	85	Kelapur	MINI LAB	Pandharkawada,SDH
	86	Karanji	MINI LAB	RH
	87	Yeotmal	MINI LAB	Yevotmal town
NAGPUR	88	Nagpur	MAJOR LAB	Women Hospital
	89	Umred	MINI LAB	RH
	90	Ramtek	MINI LAB	Ramtek
BHANDARA	91	Bhandara	MAJOR LAB	District Hospital
	92	Tumsar	MINI LAB	Tumsar ,SDH
	93	Lakhandur	MINI LAB	RH
CHANDRAPUR	94	Chandrapur	MAJOR LAB	District Hospital
	95	Chimur	MINI LAB	RH
	96	Warora	MINI LAB	SDH, Warora
GADCHIROLI	97	Gadchiroli	MAJOR LAB	District Hospital
	98	Aheri	MINI LAB	SDH
	99	Kurukheda	MINI LAB	SDH
	100	Etapalli	MINI LAB	RH
	101	Sironcha	MINI LAB	RH
GONDIA	102	Gondia	MAJOR LAB	District Hospital
	103	Deori	MINI LAB	RH
WARDHA	104	Wardha	MAJOR LAB	District Hospital
	105	Hinganghat	MAJOR LAB	Hinganghat ,SDH
	106	Karanja	MINI LAB	RH
WASHIM	107	Washim	MAJOR LAB	District Hospital
	108	Karanja	MINI LAB	RH

Abbreviations: SDH – Sub District Hospital; RH – Rural Hospitals