

TENDER DOCUMENT

**TURNKEY WORKS FOR SETTING UP OF
AMRIT PHARMACY AT
CHITTARANJAN NATIONAL CANCER INSTITUTE (CNCI),
KOLKATA**

**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/RBD/CNCI-KOL/2016-17

Date : 28-12-2016

HLL Lifecare Limited (HLL), a Government of India Enterprise is in the process of setting up HLL's AMRIT Pharmacies at various locations in India. For the said project, sealed and super scribed bids are invited from competent and experienced Suppliers/Contractors who are capable to do the following work meeting their requirements as per our tender.

Sl. No	Brief Description of Item/Work	Qty	EMD in Rs
1	Turnkey works for setting up of AMRIT Pharmacy at Chittaranjan National Cancer Institute (CNCI), Kolkata as per <u>Schedule of Work</u> enclosed.	As per Schedule IV	Rs 50,000/-

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

- a) Date of issue of tender document - 28-12-2016 onwards
- b) Last date and time for receipt of bids - 19-01-2017 up to 15.00 Hrs.
- c) Date and time of opening of bids - 19-01-2017, 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)

Suite No. 901, 9th Floor, Krishna Building, 224-A,

AJC Bose Road, Kolkata – 700017

Phn: 033 - 22905275

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,

HLL LIFECARE LIMITED

and the words "DO NOT OPEN BEFORE" 15.30 Hrs (IST) on ----- (Indicate the Closing Date). EMD shall be submitted in the form of demand draft drawn from a nationalized bank in favor of HLL Lifecare Limited payable at Thiruvananthapuram. Bids received after due date and time will be rejected. Any bid not accompanied by EMD will be rejected.

4. Bids will be opened in the presence of Bidders representative(s) who choose to attend on the specified date and time, at the office of HLL at the address given in Clause 2 (d) above.
5. In the event of the date specified for bid receipt and opening being declared as a closed holiday for the above purchaser's office, the due date for submission of bids and opening of bids will be the following working day at the appointed times.
6. HLL may, at its discretion, extend this deadline for submission of bids by amending the Bid Documents or any other reasons, in which case all rights and obligations of HLL and Bidders previously subject to the deadline will thereafter be subject to the deadline as extended.
7. HLL will not be held responsible for the postal delay, if any, in the delivery of the bidding document or the non-receipt of the same. Bids sent by Telex/Fax/Telegraph will not be accepted.
8. The EMD should be enclosed in a separate envelope and super scribed as "EMD" and to be attached in the main cover.
9. Bidders that have been blacklisted by HLL Lifecare Ltd. or any of its subsidiaries or any other State / Central Government organizations / PSU's shall not be entertained.
10. 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.
11. The Bid must include the following information;
 - a. Enquiry No.
 - b. EMD
 - c. Promised Delivery/Completion Schedule
 - d. Price Schedule in Format For Quoting (Schedule IV)
 - e. All other documents/certificate/information as specified in the bid document.
12. In addition to the invitation for bids, the bidding documents include the following schedules.

Schedule II	-	Conditions of Contract
Schedule III	-	Acceptance Form
Schedule IV	-	Schedule of Work
13. The company reserves the right to club or split the items of works, change the qualifying criteria at their discretion and to reject or cancel the Invitation for bids without assigning any reason thereof.

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**.

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

Work should be completed within **4 WEEKS** from the date of issuing the Letter Of Intent or Work Order.

5) PAYMENT TERMS

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

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

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

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

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

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

- a) The bidder shall visit the site before quoting for the work and also take their own assessments before quoting of bids.**
- b) 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.
- c) During the execution of work, the contractor or authorized representative should be present at site.
- d) 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.
- e) The materials used shall be as per specification and of good quality.
- f) 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.
- g) 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.

- h) 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.
- i) 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.
- j) 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.
- k) Special care is to be taken for cleanliness of the site. After the end of day's work, the site should be cleaned immediately.
- l) The Contractor shall have to co-operate with the agencies executing other works in the same area.
- m) While executing the work, the Contractor shall ensure safety and security of the property of the Purchaser/Owner so as to avoid theft etc.
- n) 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.

- o) 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.

- p) 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.
- q) 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.
- r) During the execution of work, the contractor or authorized representative/s at least one person having technical qualification should be present at site.
- s) **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 anything connected therewith, etc shall as far as possible be mutually settled by the process of dialog and negotiation.

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

SCHEDULE 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****SUB: TURNKEY WORKS FOR SETTING UP OF AMRIT PHARMACY AT CHITTARANJAN NATIONAL CANCER INSTITUTE (CNCI), KOLKATA - REG.**

SL NO	ITEM/WORK DESCRIPTION	UNIT	QTY	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 .	Sqm	2		
2	Dismantling wood / Steel work in frames, trusses, purlins and rafters up to 10 metres span and 5 metres height including stacking the material within 50 metres lead	Metre	10		
3	Dismantling tile work / stone 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	Sqm	10		
4	Cleaning of fixed tiles / granite/ marble 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.	Sqm	1		
5	Removing white or colour wash by scrapping and sand papering and preparing the surface smooth including necessary repairs to scratches etc. Complete	Sqm	10		
6	Demolishing brick work manually/ by mechanical means including stacking of serviceable material and disposal of unserviceable material within 50 metres lead as per direction of Engineer-in-charge. In cement mortar	Cum	1		
7	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 dismantling of Existing Lintel Beam	cum	1		
8	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)	Cum	2		
9	15 mm cement plaster on the rough side of single or half brick wall of mix :1:4 (1 cement: 4 coarse sand)	Sqm	20		
10	12 mm cement plaster of mix : 1:4 (1 cement: 4 coarse sand)	Sqm	20		
11	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 out joints 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)	Sqm	1		
12	Applying one coat of water thinnable cement primer of approved brand and manufacture on wall surface : Water thinnable cement primer	Sqm	25		

SCHEDULE IV**SCHEDULE OF WORK****SUB: TURNKEY WORKS FOR SETTING UP OF AMRIT PHARMACY AT CHITTARANJAN NATIONAL CANCER INSTITUTE (CNCI), KOLKATA - REG.**

SL NO	ITEM/WORK DESCRIPTION	UNIT	QTY	RATE IN RS	AMOUNT IN RS
13	Providing and applying plaster of paris putty of 2 mm thickness over plastered surface to prepare the surface even and smooth complete.	Sqm	15		
14	Wall painting with acrylic emulsion paint of approved brand and manufacture to give an even shade : Two or more coats	Sqm	20		
15	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	sqm	80		
16	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	Sqm	80		
	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.				
	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.				
17	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)	Cum	1		

SCHEDULE IV**SCHEDULE OF WORK****SUB: TURNKEY WORKS FOR SETTING UP OF AMRIT PHARMACY AT CHITTARANJAN NATIONAL CANCER INSTITUTE (CNCI), KOLKATA - REG.**

SL NO	ITEM/WORK DESCRIPTION	UNIT	QTY	RATE IN RS	AMOUNT IN RS
18	Providing and fixing 18 mm thick Granite Slab, 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	Sqm	1		
19	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	Metre	4		
20	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) :				
20.1	For fixed portion: Powder coated aluminium (minimum thickness of powder coating 50 micron)	Kg	50		
20.2	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)	Kg	30		
21	Providing and fixing 12 mm thick prelaminated particle board flat pressed three layer or graded wood particle board conforming to IS: 12823 Grade I Type II, in panelling fixed in aluminum doors, windows shutters and partition frames with C.P. brass / stainless steel screws etc. complete as per architectural drawings and directions of engineer-in-charge.	Sqm	10		
22	Providing and fixing glazing in aluminium door, window, ventilator shutters and partitions etc. with EPDM rubber / neoprene gasket etc. complete as per the architectural drawings and the directions of Engineer-in-charge. With float glass panes of 5.50/6 mm thickness.	Sqm	5		
23	Providing and fixing aluminium die cast body tubular type universal hydraulic door closer (having brand logo with ISI, IS : 3564, embossed on the body, door weight upto 35 kg and door width upto 700 mm), with necessary accessories and screws etc. complete	Each	1		

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SL NO	ITEM/WORK DESCRIPTION	UNIT	QTY	RATE IN RS	AMOUNT IN RS
24	Providing and fixing aluminium hanging floor door stopper, ISI marked, anodised (anodic coating not less than grade AC 10 as per IS : 1868) transparent or dyed to required colour and shade, with necessary screws etc. complete. Twin rubber stopper	Each	1		
25	Filling the gap in between aluminium frame & adjacent RCC/ Brick/ Stone work by providing weather silicon sealant over backer rod of approved quality as per architectural drawings and direction of Engineer-in-charge complete. Upto 5mm depth and 5 mm width	Metre	10		
26	Providing and fixing bright finished brass handles with screws etc. complete: 125 mm	Each	2		
27	Providing and fixing aluminium tower bolts, ISI marked, anodised (anodic coating not less than grade AC 10 as per IS : 1868) transparent or dyed to required colour or shade, with necessary screws etc. complete :300x10 mm	Each	2		
28	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.	Each	1		
29	Providing and sticking Frosted Crystal Glass Film on glass panes in partition , doors etc.	Sqm	5		
30	Painting with synthetic enamel paint of approved brand and manufacture to give an even shade :Two or more coats	Sqm	5		
31	MEDIUM SIZE MEDICAL STORAGE RACKS TYPE A: Open Wooden display laminated cabinets in plywood at the free floor area with proper provision of racks and shelves. Maximum height of the cabinet is depending upon the available height at the location. 600mm deep pre-laminated storage unit with 18mm commercial ply shelves laminated bothside with front edge polish/painted and shutters fixed with hinges to be provided. The height of 600mm deep storage shall be 750mm from the ground. And in top portion 600mm deep pre-laminated storage unit with 18mm commercial ply shelves laminated bothside with front edge polish/painted and shutters fixed with hinges to be provided. The height of 600mm deep top storage shall be 300mm from the top. Rest of the height - 450mm wide 10mm thk clear float glass shelves c/c 275 mm to be fixed between laminated vertical 18mm ply with back. shelves to be fix with proper bracket holders. as per layout drawing. CABINET OF SIZE 2.40 MTR X 0.80MTR CONSIDERED Note: Storage unit to include: Shutte	Sqm	35		

SCHEDULE IV

SCHEDULE OF WORK

SUB: TURNKEY WORKS FOR SETTING UP OF AMRIT PHARMACY AT CHITTARANJAN NATIONAL CANCER INSTITUTE (CNCI), KOLKATA - REG.

SL NO	ITEM/WORK DESCRIPTION	UNIT	QTY	RATE IN RS	AMOUNT IN RS
32	MEDIUM SIZE MEDICAL STORAGE RACKS TYPE B: Open Wooden display laminated cabinets in plywood at the free floor area with proper provision of racks and shelves. Maximum height of the cabinet is depending upon the available height at the location. 450 mm deep prelaminated storage unit with 18mm commercial ply shelves laminated bothside with front edge polish/painted and shutters fixed with hinges to be provided.The height of 450mm deep storage shall be 750mm from the ground . And in top 450 mm deep prelaminated storage unit with 18mm commercial ply shelves laminated bothside with front edge polish/painted and shutters fixed with hinges to be provided.The height of 450mm deep storage shall be 300mm from the top. Rest of the height - 400mm wide 10mm thk clear float glass shelves to be fixed between laminated vertical 12 mm ply with 10mm back Ply. shelves to be fix with proper bracket holders. CABINATE OF SIZE 2.10 MTR X 0.80 MTR CONSIDERED Note: Storage unit to include: Shutters of 18mm thick prelamine,1	Sqm	15		
33	COUNTER: Single level Counter, Level at 750 mm from ground and 600 mm depth. 8mm Thk WPC sheet to be used for counter top on 18mm thick commercial ply. Under counter storage unit to be fixed with individual locks and handles as per drawing, 600mm wide laminated door and Cash drawer of suitable design is to be installed including handle, lock and drawer channel.The rate is inclusive of painting,putty etc.which are necessary for the counter Make PLYWOOD: Commercial. LAMINATE:GREENLAM, MARINO OR EQUIVALANT.	Sqm	5		
34	Working Table,3'0"X 2'0" with 18mm Ply top and two Vertical support in store room as per DRW,with colour laminated sheet finish.	Nos	1		
35	Supplying and fixing rolling shutters , made of required size M.S. laths, interlocked together through their entire length and jointed together at the end by end locks, mounted on specially designed pipe shaft with brackets, side guides and arrangements for inside and outside locking with push and pull operation complete, including the cost of providing and fixing necessary 27.5 cm long wire springs manufactured from high tensile steel wire of adequate strength conforming to IS: 4454 - part 1 and M.S. top cover of required thickness for rolling shutters	SqM	12		
36	Providing and fixing ball bearing for rolling shutters.	Each	1		
37	Extra for providing mechanical device chain and crank operation for operating rolling shutters.	sqm	12		
38	Providing and fixing 12 mm thick frameless toughened glass door shutters of approved brand and manufacture (Make: Saintgobain) upto a height of 3 metres, including providing and fixing top & bottom pivot & spring type fixing arrangement and making necessary holes etc. for fixing required door fittings, suitable locking system etc complete as per the direction of Engineer-in-charge (Door handle and floor springs to be paid separately). Make: Dorma or equivalent	Sqm	5		
39	Providing and fixing SS handle bar 32 mm outer dia, 3.0 mm thick & 450 mm long with SS screws etc. complete as per the direction of Engineer-in-Charge.	Nos	4		

SCHEDULE IV

SCHEDULE OF WORK

SUB: TURNKEY WORKS FOR SETTING UP OF AMRIT PHARMACY AT CHITTARANJAN NATIONAL CANCER INSTITUTE (CNCI), KOLKATA - REG.

SL NO	ITEM/WORK DESCRIPTION	UNIT	QTY	RATE IN RS	AMOUNT IN RS
B	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	Point	15		
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	m	6		
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.				
3.1	2 X 1.5 sq. mm + 1 X 1.5 sq. mm earth wire	m	60		
3.2	2 X 2.5 sq. mm + 1 X 2.5 sq. mm earth wire	m	40		
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.	m	20		
5	S/F PVC conduit : Supplying and fixing of 25MM size 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.	m	100		
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. Telephone socket outlet	Each	2		
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.	Each	6		
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 1 No. x 3 pin 5/6 amps modular socket outlet and 5/6 amps modular switch, connection,painting etc as required.	Each	8		
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.	Each	5		
10	Supplying and drawing of UTP 4 pair CAT 6 LAN Cable in the existing surface/ recessed steel/ PVC conduit as required.	m	60		
11	Supply and Fixing of RJ 45 data outlet in existing modular box with connections complete.	Nos.	4		
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.	Each	4		
13	8-way DB: 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) 8 way, Double door	Each	1		

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SL NO	ITEM/WORK DESCRIPTION	UNIT	QTY	RATE IN RS	AMOUNT IN RS
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.				
14.1	Single pole	Each	4		
14.2	Single pole and neutral	Each	1		
15	Supplying and fixing following 40A 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.	Each	1		
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.	Each	2		
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.				
17.1	2 x 36 W CFL Square type (600 x 600mm) decorative recessed fitting complete with all accessories (Make : Bajaj BMLA 101 CFL)	Nos.	8		
17.2	1 x 15 W round recessed type LED – Philips Green LEDi900 – 4000K	Nos.	4		
18	Supply of 450mm sweep Pedestal fan with double bearing type and of approved make.	Nos.	1		
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)	Nos.	2		
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, Hitachi, Carrier)				
20.1	1.5 TR 5 star rated as per BEE	Nos	1		
20.2	2 TR 5 star rated as per BEE	Nos	1		

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SL NO	ITEM/WORK DESCRIPTION	UNIT	QTY	RATE IN RS	AMOUNT IN RS
C	CAPITAL ITEMS				
1	SIT 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	Job	1		
2	Desktop Computers (Server type) : Supply and Installation at site ,all in one Desktop Computer (Business PC)- Core i3, 4GB RAM, 1 TB, DVD RW, 19.5" Screen,10/100/1000 Gigabyte LAN, Win 10 PRO down gradable to Windows 8.1, Wired keyboard and mouse , 3 Years Warranty with WPS Office Version 10 or higher/Open Office preloaded. Recommended Make: HP, ASUS, DELL, ACER, LENOVO	Set	1		
3	Desktop Computers (User type) : Supply and installation at site, all in one Desktop Computer (Business PC) - Intel Dual core CPU 3.2Ghz or higher, 4GB RAM, 500 GB HDD, DVD RW, 19.5" Screen,10/100/1000 Gigabyte LAN, Win 10 PRO downgradable to Windows 8.1, Wired keyboard and mouse ,3 Years Warranty with WPS Office Version 10 or higher/Open Office preloaded. Recommended Make: HP, ASUS, DELL, ACER, LENOVO		2		
4	Monochrome Laser Printer: Supply and Installation at site Monochrome Laser Printer as per the following specifications: Print Resolution: 600 x 600 dpi, Print Speed: Up to 14 ppm (mono), Print Cartridge: HP LaserJet Print Cartridge Print Technology: Laserjet, Connectivity: Hi-speed USB 2.0 Supported Media Types: Paper, envelopes, labels, cardstock, transparencies, postcards, Functionality: Print Power Consumption: Maximum 250 Watts Model : HP 1020Plus or equivalent		1		
5	Ink tank Multi functional Printer Supply and Installation at siteMulti functional Printer as per the following specifications: Ink tank Multi functional Printer, for Bill Printing cum Office use with Warranty period of one year. Print Technology: Inkjet, Connectivity: Hi-speed USB 2.0 Supported Media Types: Paper, envelopes, labels, cardstock, transparencies, postcards, Functionality: Print, Scan/Copy. Power Consumption: Maximum 250 Watts Recommended Make: EPSON M200/HP GT5810/Canon G2000	Set	1		

SCHEDULE IV**SCHEDULE OF WORK****SUB: TURNKEY WORKS FOR SETTING UP OF AMRIT PHARMACY AT CHITTARANJAN NATIONAL CANCER INSTITUTE (CNCI), KOLKATA - REG.**

SL NO	ITEM/WORK DESCRIPTION	UNIT	QTY	RATE IN RS	AMOUNT IN RS
6	Lab / Pharmacy refrigerator : Supply, fixing and commisioning of lab / pharmacy refrigerator as per following specifications : Upright Showcase Coolers/refrigerators with Single Glass Door and Lock having 350-450 Litre capacity, Temperature range capability 1-10 degree celsius with Digital Temperature Controller and Display, Minimum of 4 adjustable Shelves/Racks Recommended Make: CELFROST, BLUESTAR, VOLTAS, THERMO FISCHER	No.	1		
7	Water Dispenser: Supply and Installation at Site Water Dispenser as per the following specification : Capable of dispensing Hot, normal and cold water, Power: rating 500 watts; Operating Voltage: 230 volts, with Heating Capacity: 5 liters/hour, storage compartment, auto-shut off, minimum year manufacturer warranty. Make : Voltas Mini Magic Pure-F or equivalent	No.	1		
8	Counter Height Stools : Supply and installation at site counter height stools of following specifications : Revolving adjustable Chrome plated steel body chairs with resistance to the corrosion. Cushion Seat with Lift mechanism for Adjustment of height. Minimum height 750mm before expansion. Medium Back rest and arm rest. Item shall be of reputed make.	Nos.	5		
9	8 Port Network Switch : Supply and Installation at site : 10/100 Mbps 8-Ports Gigabit Switch . (Make : D-Link DGS-1008A)	Nos.	1		
D	FIRE SAFETY :				
1	Supply of CO2 type fire extinguisher of 4.5 kgs. Make SAFEX / MINIMAX / CEASEFIRE or equivalent	Nos.	2		
2	Supply of ABC Type fire extinguisher of 2 Kgs. Make SAFEX / MINIMAX / CEASEFIRE or equivalent	Nos.	3		
3	Supply, fabrication and fixing 2 nos MS Fire buckets on suitable fabricated MS angle iron stand with hook, painting with red paint & filled with dry sand as required with all required accessories complete.	Set	1		

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SL NO	ITEM/WORK DESCRIPTION	UNIT	QTY	RATE IN RS	AMOUNT IN RS
E	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	Nos.	6		
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	Nos.	2		
3	Power supply unit for above camera as specified by camera manufacturer -12VDC 10A	Nos.	1		
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.	Nos.	1		
5	21" LED Color Monitors. make (LG/Samsung)	Nos.	1		
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	m	120		
F	MISCELLANEOUS:				
1	Supply and Installation of backlit flex board of approved size and design. The board shall be fabricated out of of GI metal fixed on MS angle supports fastened to wall/structure. Including electrical fittings, connections, all accessories, necessary coat of primer and enamel paint, complete. (size shall vary as per approved design and site conditions and will be paid as actuals)	Sq.m	4		
2	Supply of pedal type Dustbin : Polypropylene (pp) material, 7 ltr capacity minimum.	Nos.	2		
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