



**JAWAHARLAL INSTITUTE OF POST GRADUATE MEDICAL EDUCATION & RESEARCH**

(An Institution of National Importance under Ministry of Health & Family welfare)

GOVERNMENT OF INDIA

Dhanwantari Nagar, Puducherry- 605006

Website: www.jipmer.puducherry.gov.in

Phone: 0413 – 2296394



**ENGINEERING DIVISION**

NO: JIP/ED/209/2021

Dated: 01-02-2021

**NOTICE INVITING TENDER**

Dear Sirs,

**JAWAHARLAL INSTITUTE OF POST GRADUATE MEDICAL EDUCATION & RESEARCH (JIPMER)** invites your sealed in tenders in a cover super scribed as **“Providing aluminium partition, wall painting, lab table furniture with granite top, repairing of existing wooden furniture’s with extension of table, repair and polishing of showcase in PCR, Post PCR, Pre PCR and Fixing of Split Air Conditioners, Electrical works with dedicated Distribution box at Biochemistry molecular Lab at Second Floor JAC JIPMER, Pondicherry.”** are hereby invited by the undersigned for the following works

1. Opening date & time for download of Tender document **06.00PM** on **01-02-2022**.
2. Closing date & time for submission of online bids **12.30 PM** on **17-02-2022**.
3. Date and Time of opening of online bids for technical Evaluation **11.00 AM** on **18-02-2022**.
4. Date & Time of opening of Price Bid : To be intimated later.

**1. Name of work: Providing aluminium partition, wall painting, lab table furniture with granite top, repairing of existing wooden furniture’s with extension of table, repair and polishing of showcase in PCR, Post PCR, Pre PCR and Fixing of Split Air Conditioners, Electrical works with dedicated Distribution box at Biochemistry Molecular Lab at Second Floor JAC JIPMER, Pondicherry.**

Sl.no	Description of Item	Quantity	Rate	Unit	Amount
As per BOQ enclosed (Civil & Electricals)					

## **ADDITIONAL CONDITIONS: -**

1. Work has to be carried out as per CPWD Specifications and has to be completed within 60 Days from date of issuing work order.
2. The rates should be quoted with all incidentals / taxes / duties / cess / surcharges / Packing / GST/forwarding / loading & unloading etc., and nothing extra on whatsoever account shall be paid.
3. The approved and Valid eligible with licensed contractors registered in CPWD/ State PWD (Enclose work completion certificate/ registration copies / licenses), to be submitted with Tender, without which tender will be rejected.
4. **Earnest Money Deposit:** EMD has to be paid of **2% of Quoted Value** through SBI COLLECT link (**jipmer.edu.in – payment – Tender fees –Deposit**) found in the JIPMER website (jipmer.edu.in). **No other mode of payment will be accepted. EMD receipt should be submitted along with Tender, without which tender will be rejected.**
5. Tender Processing Fee (Non-refundable): **Rs. 590 (including 18% GST) shall be paid through SBI collect only. Tender processing fee receipt should be submitted along with Tender, without which tender will be rejected**
6. Necessary IT will be deducted from the billing amount as per prevailing Govt Norms.
7. Dismantled materials shall be properly handed over to Engineering Division of JIPMER.
8. **The Director shall have the right of rejecting the Tender in whole or part without assigning any reasons therefore.**
9. Unsigned Tender documents will be summarily rejected.
10. All local rules, regulation, safety is to be strictly adhered by the Firm Itself.
11. Payment will be made only by the Final Measurement (**First and Final bill only**) of the works done on site.
12. Payment will be made after 30 – 60 days as per norms on satisfactory completion of work
13. Any Future clarification(s) and or Corrigendum(s) shall be communicated by JIPMER web site only [www.jipmer.edu.in](http://www.jipmer.edu.in) and <https://eprocure.gov.in/epublish/app>.
14. The Contractor should make their own arrangements for storing of items for execution of works and site office.
15. The contractor should be responsible for any damages to Properties of JIPMER/Mankind for works/Others occurring during the execution of works and it has to be rectified under their own cost nothing shall be paid extra for those kinds of works.
16. All materials shall be got approved from Engineer-in-charge before using in works.
17. The Quantity of works in scope may increase or decrease according to the site requirements during the time of execution of works and so the contractor in-charge has to execute works as per day to day instruction of Engineer in Charge.
18. No T&P will be issued.
19. The successful tenderer deposits the Security deposit of 5% of Quoted value according to conditions stipulated if selected as L1 failing which work order will not be awarded.

20. No interest will be paid on SD/PG//BG/Bill Passing delays.
21. If due to Administrative Reason if the Tender openings last date and time are changed it will be intimated through JIPMER Web site only.
22. All the Pages in Terms and Conditions Should Be Signed by Contractor With Seal.
23. Contact Engineering division for any details 0413-2296394, Administrative block, 4<sup>th</sup> floor, room no.408
24. Approved quality of ISI Electrical and CPWD approved materials and accessories, fittings, Air conditioners and stabilizers, conduits and cables accessories to be used
25. This office will not undertake any risk and responsibility towards any untoward incidents during work no claim will be entertained .contractor can make insurance at his own risk wherever it is necessary
26. Bad Workmanship will be rejected in Toto and shall be rectified by the Contractor as per the Specifications and directions given by the Engineer-In-Charge at own cost. The Contractor has to make his own arrangement for stores and watch and no extra claim, in this regard, shall be entertained.
27. The contractor is full responsible for providing of necessary tools and tackles for this project execution on his own cost, nothing shall be provided by JIPMER.

Please furnish your tender in a sealed cover super scribing as “**Providing aluminium partition, wall painting, lab table furniture with granite top, repairing of existing wooden furniture’s with extension of table, repair and polishing of showcase in PCR, Post PCR, Pre PCR and Fixing of Split Air Conditioners, Electrical works with dedicated Distribution box at Biochemistry molecular Lab at Second Floor JAC JIPMER, Pondicherry.**”

- NOTE: 1. Quotation may please be addressed to: The Director, JIPMER, Puducherry-6  
2. The Sealed Cover (quotation) may please be sent directly to: **Officer-In-Charge, Engineering Division, Room No: 408, Fourth floor, Administrative block , JIPMER, Dhanvantari Nagar, Puducherry 6.**

Tender should reach this Office on or before: **17/02/2022 – 12.30 pm**  
**Tender Received after the due date will be summarily rejected.**

**CONTRACTOR**

Officer-In-Charge  
Engineering Division  
JIPMER Puducherry-6

**BOQ for Electrical**

<b>Sl. No.</b>	<b>Item Description</b>	<b>Quantity with units</b>	<b>Basic Rate per unit</b>	<b>GST %</b>	<b>Basic rate for all units</b>	<b>Total GST</b>	<b>Final Total</b>
<b>1</b>	<b>2</b>	<b>3</b>	<b>4</b>	<b>5</b>	<b>6</b>	<b>7</b>	<b>8 (6+7)</b>
1	<b>Wiring for circuit/ submain wiring alongwith earth wire with the following sizes of FRLS PVC insulated copper conductor, single core cable in surface/ recessed steel conduit as required</b>						
1.01	2 X 2.5 sq. mm + 1 X 2.5 sq. mm earth wire	170 Meter					
1.02	2 X 4 sq. mm + 1 X 4 sq. mm earth wire	125 Meter					
1.03	2 X 6 sq. mm + 1 X 6 sq. mm earth wire	115 Meter					
2	<b>Supplying and fixing following size/ modules, GI box alongwith modular base &amp; cover plate for modular switches in recess etc. as required.</b>						
2.1	4 Module (125mmX75mm)	15 Each					
2.2	6 Module (200mmX75mm)	12 Each					
3	<b>Supplying and fixing following modular switch/ socket on the existing modular plate &amp; switch box including connections but excluding modular plate etc. as required.</b>						
3.1	5/6 A switch	18 Each					
3.2	15/16 A switch	22 Each					
3.3	3 pin 5/6 A socket outlet	18 Each					
3.4	6 pin 15/16 A socket outlet	22 Each					
4	Supplying and fixing 20 A, 240 V, SPN Industrial type socket outlet, with 2 pole and earth, metal enclosed plug top alongwith 20 A "C" curve, SP, MCB, in sheet steel enclosure, on surface or in recess, with chained metal cover for the socket out let and complete with connections, testing and commissioning etc. as required.	4 Each					

5	<b>Supply and Installation of Air Cooled High Wall mounted Split Air Conditioner of following capacities consisting of high wall mounted unit with cordless remote control, outdoor condensing unit comprising of energy efficient suitable rotary compressor for operation on single phase, 230 V, 50Hz supply, along with refrigerant soft copper piping with 13mm nitrile rubber insulation, comprising of 1" dia drain PVC pipe with thermal insulation upto 3 metre, canvas connections, electrical cabling from power plug near indoor unit and to outdoor unit, etc complete as required and breaking the wall and making good the same wherever required.</b>						
5.1	1.50 TR minimum 5 star rated as per BEE	2 Each					
5.2	2.00 TR minimum 5 star rated as per BEE	2 Each					
6	<b>Providing and fixing of approved make wall mounted stabilizer Split Air Conditioner of following capacities</b>						
6.1	5 KVA	2 Each					
6.2	4kVA	2 Each					
7	Providing and fixing of MS stand for Split Air Conditioner upto 2.00 TR capacities.	4 Each					
8	Supply, Installation, testing and commissioning of 25mm dia pvc drain piping for AC unit system, complete with fittings, with suitable adjustable ring type hanger supports/wall clamping, jointing including accessories, insulated with XPLE Class-O tubular insulation/with Class-O closed cell elastometric nitrile rubber tubular sleeves sections of required thick and size all accessories as per specifications etc. as required.	65 metre					
9	Supply, installation, testing and commissioning of suitable soft drawn copper refrigerant piping additional length for 1.5TR/2TR AC units with nitrile rubber insulation & suitable size electrical cabling interconnecting the condensing unit to evaporating unit for split units as per site condition.	25 metre					
10	Providing and fixing of 105x50mm approved make PVC cable trunking.(For Switch and Sockets provision along the wall )	30 metre					
11	<b>Supplying and fixing following way, horizontal type three pole and neutral, sheet steel, MCB distribution board, 415 volts, 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)</b>						
11.1	4 way (4 + 12), Double door	1 No					
12	<b>Supplying and fixing following rating, four pole, (three phase and neutral), 415 V, time delayed (type AS) residual current circuit breaker (RCCB), having a sensitivity current 300 mA in the existing MCB DB complete with connections, testing and commissioning etc. as required.</b>						

12.1	63A	1 No						
13	<b>Supplying and fixing 5 amps to 32 amps rating, 240/415 volts, "C" curve, miniature circuit breaker suitable for inductive load of single poles in the existing MCB DB complete with connections, testing and commissioning etc. as required.</b>							
13.1	Single Pole	8 No						
14	Labeling of Switch and Sockets with necessary circuit Identifications as per site condition as per instruction of Engineer In Charge	1 Job						
<b>Total in Figures</b>								<b>0.00</b>
<b>Quoted Rate in Words</b>								<b>INR Zero Only</b>

**BOQ for Civil work**

<b>Sl. No.</b>	<b>Item Description</b>	<b>Quantity</b>	<b>Basic rate per unit</b>	<b>GST %</b>	<b>Basic rate for all units</b>	<b>Total GST</b>	<b>Total</b>
<b>1</b>	<b>2</b>	<b>3</b>	<b>4</b>	<b>5</b>	<b>6</b>	<b>7</b>	<b>8 (6+7)</b>
1	<b>Distempering</b>						
1.01	Distempering with 1st quality acrylic distemper, having VOC (Volatile Organic Compound ) content less than 50 grams/ litre, of approved brand and manufacture, including applying additional coats wherever required, to achieve even shade and colour. One coat sqm	430 SQM					
2	<b>Painting with synthetic enamel paint of approved brand and manufacture of required colour to give an even shade :</b>						
2.02	One or more coats on old work sqm	55 SQM					
3	<b>Providing and fixing aluminium work for doors, windows, ventilators and partitions with extruded built up standard tubular sections/appropriate Z sections and other sections of approved make conforming to IS: 733 and IS: 1285, fixing with dash fasteners of required dia and size, including necessary filling up the gaps at junctions, i.e. at top, bottom and sides with required EPDM Rubber/neoprene gasket etc. Aluminium sections shall be smooth, rust free, straight, mitred and jointed mechanically wherever required including cleat angle, Aluminium snap beading for glazing / paneling, C.P.brass / stainless steel screws, all complete as per architectural drawings and the directions of Engineer-in-charge. (Glazing, paneling and dash fasteners to be paid for separately) : For fixed portion</b>						
3.03	Powder coated aluminium (minimum thickness of powder coating 50 micron)	220 kg					
3.04	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) <b>Powder coated aluminium (minimum thickness of powder coating 50 micron)</b>	65 kg					
4	<b>Providing and fixing 12 mm thick pre-laminated 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.</b>						
4.05	Pre-laminated particle board with decorative lamination on both sides	36 sqm					
5	<b>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 . (Cost of aluminium snap beading shall be paid in basic item):</b>						
5.06	With float glass panes of 5 mm thickness (weight not less than 12.50 kg/sqm)	20 SQM					
5.07	Providing and fixing aluminium handles, ISI marked, Powder coated aluminium (minimum thickness of powder coating 50 micron) transparent or dyed to required colour or shade, with necessary screws etc. complete : 125 mm	6 Nos					

5.08	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. Single rubber stopper	7 Each					
5.09	Providing and fixing aluminium tower bolts, ISI marked, Powder coated aluminium (minimum of powder coating 50 micron) transparent or dyed to required colour or shade, with necessary screws etc. complete : 200x10 mm	10 Each					
5.1	Providing and fixing ISI marked aluminium butt hinges 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: 100x75x4 mm	15 Each					
5.11	Providing and fixing bright finished brass 100 mm mortice latch and lock, ISI marked, with six levers and a pair of Powder coated aluminium (minimum thickness of powder coating 50 micron) aluminium lever handles of approved quality with necessary screws etc. complete.	5 No					
6	<b>Supply and Installation of single faced laboratory workbench in different sizes, top and storage unit made up of 18 swg 40 mm x 40mm, 1.2mm thick square tube welded together and completely finish with Epoxy powder coated and under bench modules will be made of 0.80mm thick pre- coated Galvanized Iron sheet etc. complete and as directed by Engineer in charge (Drawing Enclosed)</b>						
6.12	1. Size of 1500 mm L x 600 mm W x 750 mm H	18 Each					
6.13	2.Size of 1800 mm L x 750 mm W x 750 mm H	1 no					
6.14	Supply of wall storage cabinet of size 900mm x 300mm x 600mm made of 20 gauge Galvanized iron sheet finished in powder coated with storage chamber will have 2 horizontal partitions etc . Complete and as directed by Engineer In charge <b>(drawing enclosed)</b>	2 nos					
6.15	Repairing and polishing of old wooden cupboards including minor repairs of cupboard, replacement of damaged fitting, necessary bolts , nails, etc . Complete , neat alignment and proper positioning doors and sides and as directed by Engineer in charge	38 Each					
6.16	Repair and painting the existing wooden rack necessary priming and enamel painting etc.,complete and as directed by Engineer in charge	3 Nos					
6.17	Providing and fixing of pre-laminated flat pressed 3 layer (medium density ) Particle board or graded wood particle board IS:3087 marked with one side decorative and other side balancing lamination grade I , type II exterior grade IS:12823 marked in wall with screws and fitting wherever required and necessary supporting wooden frame of required size and thick, edges to be painted with wooden primer and enamel painting including necessary fitting etc . complete and as directed by Engineer in charge: (Approximate size of 600 x 600mm)	36 No					
6.18	Providing and fixing 18mm thick machine cut saw mirror polished premoulded and prepolished machine cut granite worktop for steel laboratory work bench including joints treated with white cement mixed with matching pigment , rubbing moulding and polishing to edges to give high gloss finish etc. complete and as directed by Engineer In charge	30 SQM					



7	<b>Providing and fixing white vitreous china laboratory sink with C.I. brackets, C.P. brass chain with rubber plug, 40 mm C.P brass waste and 40mm C.P. brass trap with necessary C.P. brass unions complete, including painting of fittings and brackets, cutting and making good the wall wherever required :</b>						
7.19	Size 600x450x200 mm	1 Each					
8	<b>Providing and fixing P.V.C. waste pipe for sink or wash basin including P.V.C. waste fittings complete.</b>						
8.2	Flexible pipe . 40 mm dia	3 Nos					
9	<b>Providing and fixing Chlorinated Polyvinyl Chloride (CPVC) pipes, having thermal stability for hot &amp; cold water supply, including all CPVC plain &amp; brass threaded fittings, including fixing the pipe with clamps at 1.00 m spacing. This includes jointing of pipes &amp; fittings with one step CPVC solvent cement and testing of joints complete as per direction of Engineer in Charge</b>						
9.21	20 mm nominal outer dia Pipes	7 rm					
9.22	9.46 Providing and fixing curtain rods of 1.25 mm thick chromium plated brass plate, with two chromium plated brass brackets fixed with C.P.brass screws and wooden plugs, etc., wherever necessary complete : 25 mm dia	23 rm					
9.23	Alteration and Polishing existing wooden necessary bottom bush arrangement repairing the damaged parts existing glass proper movement wheel provide and lock arrangement	1 Each					
						Total (in Figure)	
						Total (in Word)	

Drawing

3D VIEW

