



No. AIIMS Bathinda/Engg. & Estate/24-25/2042

Dated 06 Aug 2024

### CALL FOR QUOTATIONS FROM PROSPECTIVE FIRMS

#### **Name of the Work: - Provision of Aluminium doors at Procurement Cell, AIIMS Bathinda**

1. In compliance of the Office Order No. AIIMS/BTI/Estate/OO/2006 dated 30 July 2024, there is a need to publish the quotation document for "Provision of Aluminium doors at Procurement Cell, AIIMS Bathinda" on the Institute Website. The last date of submission of quotation shall be **21 Aug 2024 (Wednesday), 17:00 hrs.** at Department of Engineering & Estate, C Block, 2<sup>nd</sup> Floor, Medical College, AIIMS Bathinda-151001.
2. The BoQ for the above said work is attached with this notice.
3. The quotation shall be submitted in a sealed envelope duly stamped & signed and "**Provision of Aluminium doors at Procurement Cell, AIIMS Bathinda – Dept. of Engineering & Estate**" should be superscribed on the envelopes.
4. Unsealed quotations, quotations received after due date, quotations not superscribed as per Para No. 3 above, unsigned quotations are liable to be rejected. No queries regarding the same shall be entertained in this office.
5. Quotations received through email, fax, telegram etc. shall not be entertained.
6. The decision of AIIMS Bathinda on all matters concerning this work shall be final and binding on the party submitting the quotation.

Sd/-  
Assistant Engineer (Civil),  
AIIMS Bathinda

**Bill of Quantity**

**Name of work :Provision of Aluminium Door in Procurement**

<b>S.no</b>	<b>Discription</b>	<b>unit</b>	<b>Quantity</b>	<b>Rate</b>	<b>Amount</b>
1	Providing and fixing Aluminium work for doors,windows,ventilators and partitions with extruded built up standard tubular sections/appropriate Z sections and other sections of approved make conforming to IS:733 and IS:1285.Fixing with dash fasteners of required dia and size including necessary filling up the gaps at junctions ie,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/ panelling,C.P.brass/stainless steel screws, all complete as per architectural drawings and directions of Engineer-in-charge.(Glazing,panelling and dash fasteners to be paid separately.)				
	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/neopre gasket required (Fittings shall be paid for separately)				
	Powder coated aluminium(minimum thickness of powder coating 50 micron)	Kg	35		
2	For fixed portion.				
	Powder coated aluminium (Minimum thickness of powder coating 50 micron	Kg	25		
3	Providing and fixing glazing in aluminium door, window,ventilator shutters and partitions etc, with EPDM rubber/ neoprene gasket etc. complete as per the architectural drawings and the directions of Engineer-in charge.(Cost of aluminium snap beading shall be paid in basic item) With float glass panes of 5mm thickness.				
	With float glass panes of 5 mm thickness (weight not less than 12.50 kg/sqm)	Sqm	2		
4	Providing and fixing aluminium round shape handle of outer dia 100 mm with SS screws etc. complete as per direction of Engineer-in-charge				
	Powder coated minimum thickness 50 micron aluminium	Each	4		
5	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	2		
6	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		
7	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				
	Pre-laminated particle board with decorative lamination on both sides	Sqm	3		
				Gst @ 18%	
				<b>Total Amount</b>	

# Technical Specifications

## Material Specifications:

### 1. Aluminium Profiles:

- a. Material: High-quality, extruded aluminium alloy. Ensure that all materials used are resistant to corrosion and have a long service life.
- b. Ensure that materials comply with relevant fire safety regulations and standards.
- c. Finish: 50-micron Powder-coated or anodized finish; colour as per architectural requirements.
- d. Dimensions: Profiles to be designed as per the architectural drawings in presence of site in-charge, typically including vertical and horizontal members.

### 2. Glass Panels:

- e. Type: Tempered glass or laminated glass, as specified.
- f. Thickness: Minimum 5 mm thickness
- g. Glass Installation:
- h. Install glass panels securely within the aluminium frame.
- i. Use rubber gaskets to ensure a snug fit and prevent movement.
- j. Ensure proper sealing around glass edges.

### 3. Hardware:

- k. Hinges: Heavy-duty, stainless steel or aluminium, with corrosion resistance.
- l. Locks: High-quality, durable locking mechanisms suitable for partition doors.
- m. Handles: Stainless steel or aluminium handles, as per design.
- n. Door closers: Hydraulic door closer tubular type aluminium section body with screws, bolts, nuts, and washer complete.
- o. Door stoppers: Aluminium hanging floor door stopper with twin rubber & stopper screws, bolts ,nuts and washer complete
- p. Install doors with precise alignment and smooth operation.
- q. Ensure all hardware is properly fixed and functioning.

### 4. Sealants and Gaskets:

- r. Sealants: Weather-resistant, high-performance silicone sealants.
- s. Gaskets: EPDM or similar rubber gaskets for sealing between glass and aluminium profiles.

### 5. Frame Construction:

- t. Construct the partition frames using aluminium profiles with precision cutting and joining.
- u. Ensure all joints are securely fastened and aligned.

### 6. Quality Checks:

- v. Inspect all joints, fittings, and glass panels for defects or misalignment.
- w. Conduct functional tests for doors and hardware.

## 7. Cleaning:

- x. Clean all surfaces to remove dust, fingerprints, and any installation residues.
- y. Use appropriate cleaning agents to maintain the finish.
- z. Clean the site after completion of the work and dispose the scrap outside the AIIMS Bathinda premise.

<b>S.no</b>	<b>Description</b>	<b>Approved Make</b>
1.	Door handles	Classic/Ebco/Argent/Newlit/Doram/Oxford/Crown
2	Door Stopper	Classic/Ebco/Argent/Newlit/Doram/Oxford/Crown
3	Door closer	Godrej/Master/Everite/Doorking/Dorma
4	Float Glass	Modi/Saintgobin
5	Aluminium Section	Hindalco, Jindal, Bharat, NALCO, BALCO, MALCO, INDAL ,any good quality having ISI mark

## **General Conditions**

### **1. Defect Liability Period:**

DLP shall be of 06 month from completion date of the work.

2. Quantity of work can be increased or decreased as per requirements.
3. Samples shall be approved by engineer in charge. Material of any other make as listed below in table-1 shall be approved first by engineer in charge.

### **4. LIQUIDATED DAMAGES**

The successful bidder must start the work within 7 days of issuance of Letter of Commencement of work and complete the work within the time frame as stipulated by the AIIMS Bathinda, failing which, AIIMS Bathinda will recover Compensation for Delay of work @ .5 % per week or part of the week of delayed of the total amount of work (accepted Tendered Value of work) which may be recovered from Running bill/Performance Security/Security Deposit of the contractor. The total amount of compensation for delay to be paid under this condition shall not exceed 5 % (Five percent) of the Accepted tendered value of work. The said work can also be executed under the Risk and Cost of the Contractor with prior intimation of 15 days based upon the performance of the contractor.

### **5. STATUTORY DEDUCTIONS**

All the statutory deductions towards GST/Income Tax etc. shall be made from the bill/s as applicable as per the prevailing rates under the rules. TDS as applicable will be deducted from each bill of the contractor under the statutory rules of the Union Govt., in respect of Income Tax and other taxes. No claim on account of any other statutory charges for execution of work awarded under this contract will be entertained by AIIMS Bathinda and such charges should be paid by the contractor himself.

### **6. INDEMNIFICATION**

AIIMS Bathinda shall have no liability whatsoever towards the persons deployed by the contractor for the subject of work. The contractor shall keep AIIMS Bathinda indemnified against all losses/damages/liabilities/claims arising out of deployment of the contractor's workers during the period of the contract. Any claim which may arise during the currency of the contract or at any subsequent point of time shall be the sole responsibility of the contractor and AIIMS Bathinda shall in no way be held responsible for it.

### **7. LIABILITY AGAINST LOSS OR DAMAGE TO LIFE OR PROPERTY**

The contractor shall be liable to pay AIIMS Bathinda for any loss/damage caused because of theft/pilferage of any property of AIIMS Bathinda from the premises where the staffs of the contractor have been deployed, provided such loss/damage is due to the negligence of the contractor or its deployed manpower which shall be deducted from Security deposit/Performance Guarantee if not paid. The contractor shall also be liable for the consequences of any incident of major/minor injury or accident or death caused to any of its worker arising out of or in the course of his employment under the scope of the contract. AIIMS Bathinda shall not be responsible for any injury or loss of life in respect of the contractor that may take place while on work. Any compensation or expenditure towards treatment for such injury or loss of life shall be the sole responsibility of the contractor. The contractor shall be solely responsible for any damage, injury or accident that may occur to any of his personnel working under his contract. No claim whatsoever arises to AIIMS Bathinda