

**Request For Budgetary Estimate For Wooden Wall Paneling and Acoustic Wall paneling for AIIMS Kalyani.**

Ref.: HSCC/AIIMS-Kalyani/wall paneling/2024, Date: 03/05/2024

HSCC (India) Ltd. intends to invite on-line bids from eligible bidders, in single stage two bid systems for Supply, Installation testing and commissioning of Wooden Wall Paneling and Acoustic Wall paneling for AIIMS Kalyani.

Technical Specifications and Bill of Quantity proposed for Wooden Wall Paneling and Acoustic Wall paneling items are annexed herewith. It is requested to submit the Budgetary Quotation of the Wooden Wall Paneling and Acoustic Wall paneling with inclusive of all taxes & duties, 3 Years warranty and freight from warehouse to consignee location i.e. AIIMS Kalyani, West Bengal.

The quotation should be on Company Letter Head with sign and stamp as per the BOQ format enclosed and should be submitted in both Hard & Soft Copy within 15 days of issue of this Notice at the following address:

General Manager (Procurement)  
Furniture Department  
HSCC (India) Ltd.,  
E-6(A), Sector-1,  
Noida (U.P.) - 201301.

Soft copy may please be sent to: rks\_115@yahoo.co.in, l\_singh@hsccltd.co.in

General Manager (Procurement),  
HSCC (India) Ltd.

## **Technical Specification of wall paneling AIIMS, Kalyani**

### 1. Wooden Wall Paneling

Providing and Fixing Channeled Woodworks perforated panels of approved make of width 128 mm, thickness of 15 mm and length 2440 mm or as required by the Architect/ approving engineer, made up of HDHMR board i.e. water proof, termite proof & moisture resistant substrate with a laminated facing as per the approved shade and finish (Pine & Ash wood fully treated & seasoned) and a melamine balancing layer on the reverse side. The boards shall have a special perforation pattern where the visible surface has a ("Helmholtz" fluted perforation of 2mm width and 14mm of visible panel/4mm width and 28mm visible panel) each. The panels shall provide a minimum sag resistance of RH90 and a fire rating class of 1 as per Part 7 of BS 476. The edges of the panels shall be "tongue-and-grooved" to receive special clips for installation. The back of the perforated panel shall have sound absorbing nonwoven acoustical fleece having NRC of 0.60 The panels shall be mounted on special aluminum spines using clips provided by manufactures and approved by the Architect/ Engineer-in- Charge. the supporting frame, which would be fixed to the walls should be resistant to corrosion, termite attack, water proof and not warping undergo moisture variation, wall paneling pattern, materials and color as approved by engineer in-charge/employer.

### 2. Acoustic Wall paneling

Supply and installation of WALL PANEL A Akutex FT 1200mm x 2700mm with 40mm natural square edge, demountable panels with standard approved fabric wrapped around in concealed system with grippers, option of Daily dusting, vacuum cleaning & weekly wet wiping. Panel is manufactured from high density glass wool. Tiles classified under sound absorption class A with "alpha w" value of 1 at minimum 50mm o.d.s. Classification acc to EN ISO 11654, & single value ratings for NRC value 0.95 according to ASTM C 423. Articulation class 230 as per ASTM E1111, ASTM E1110. Panels withstand a permanent ambient RH up to 95% at 30°C without sagging, warping or delaminating (ISO 4611). Thermal resistance (Lamda value - 0,035-0,04 W/MK) Certified by the Indoor Climate labeling, emission class M1 for building materials & recommended by Swedish Asthma & Allergy Association. Product Certified by ISO. Fully recyclable. The glass wool core of the tiles should be tested and classified as non-combustible according to pr EN ISO 1182 with reaction to fire classification class A2 s1 d0 according to EN 13501 - 1 - European Standard, the supporting frame, which would be fixed to the walls should be resistant to corrosion, termite attack and not warping undergo moisture variation. wall paneling pattern, materials and color as approved by engineer in-charge/employer.

Steel Work: Steel work as per site requirement 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 having VOC content less than 250 grams/liter, including welding and bolted with special shaped washers etc. complete. Hot finished seamless type tubes

Aluminum: Providing and fixing aluminum work as per site requirement for doors, windows, ventilators, partitions, wall paneling, louvers with extruded built up standard tubular sections/ appropriate Z erections and other sections of approved make conforming to IS: 733 and IS: 1285, fixing with dash fasteners of required diameter and size, including necessary filling up the gaps at junctions, i.e. at top, bottom and sides with required EPDM rubber/neoprene gasket etc. Aluminum sections shall be smooth, rust free, straight, mitered and jointed mechanically wherever required including cleat angle, Aluminum 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) Anodized aluminum (anodized transparent or dyed to required shade according to IS: 1868, Minimum anodic coating of grade AC 15)

Marine plywood: 12mm thick marine plywood board: Providing and fixing marine plywood 710 Grade IS 710: 2010 marked, of approved make to existing steel framework, backing or studding with screws etc. complete as per architectural drawings and as directed by Engineering in-charge. Plywood Board/HDHMR Board/laminate Make: (Century/Action Tesa/Merino/Greenlam).

**BUGETARY QUOTATION**

**Supply, Installation testing and commissioning of Wooden Wall Paneling and Acoustic Wall paneling for AIIMS Kalyani.**

<b>Reference No.</b>		<b>HSCC/AIIMS-Kalyani/wall paneling/2024</b>			
<b>Name of Manufacturer/Bidder</b>					
<b>Address &amp; Contact Details of the Manufacturer/Bidder submitting the Budgetary Quotation:</b>					
<b>S. No.</b>	<b>Name of Items</b>	<b>Unit</b>	<b>Total Quantity</b>	<b>Rate Per Unit (In Rs.) with inclusive of All Taxes &amp; Duties and 3 Years Warranty</b>	<b>Amount (In Rs)with inclusive of All Taxes &amp; Duties and 3 Years Warranty</b>
1	Wooden Wall Paneling	Sqmt	720		
2	Acoustic Wall paneling	Sqmt	260		
<b>Total Amount In Rs.</b>					<b>0</b>