

Specification for Exterior wall panel on Entrance side at DAV Public School, Lalganj, Buxar The details are given below: -

Sl.No.	S.O.R.	DESCRIPTION	Qty.	Unit.
		1. EXTERIOR WALL PANEL ON ENTRANCE SIDE		
		Area of Exterior panel = 31'-5"x11'-9"= 369.19 Sft (34.31 Sqm);		
1	26A.7	Providing fabricating and supplying and fixing panels of aluminium composite panel cladding in pan shape in metallic colour of approved shades made out of 4mm thick aluminium composite panel material consisting of 3mm thick FR grade mineral core sandwiched between two Aluminium sheets (each 0.5 mm thick).The aluminum composite panel cladding sheet shall be coil coated, with Kynar 500 based PVDF/ Lumiflon based fluoropolymer resin coating of approved colour and shade on face # 1 and polymer (Service) coating on face # 2 as specified using stainless steel screws, nuts, bolts, washers, cleats, weather silicone, backer rods etc.		
		The fastening brackets of Aluminium alloy 6005 T5/ MS with Hot Dip Glavanised with serrations and serrated washers to arrest the wind load movement, fasteners, SS 316 Pins and anchor bolts of approved make in SS 316, Nylon separators to prevent bi-metallic contacts all complete required to perform as per specificatio and drawing.		
	(i)	The item includes cost of all material & labour component, the cost of all mock ups at site, cost of all sample of the individual components for testing in an approved laboratory, field tests on the assembled working curtain wall with aluminium composite panel cladding cleaning and protection of the curtain wall with aluminium composite panel cladding till the handing over of the building for occupation. Base frame work for ACP cladding is payable under the relevant aluminium item. The contractor shall provide curtain wall with aluminium composite panel cladding, having all the performance characteristics all complete, as per the Architectural drawings, as per item description, as specified, as per the approved shop drawings and as directed by the Engineer-in- Charge. However,	34.31	Sqm

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		for the purpose of payment, only the actual area on the external face of the curtain wall with Aluminium Composite Panel Cladding (including width of groove) shall be measured in sqm. Up to two decimal places.		
2	14.72	Providing and fixing double scaffolding system(cup lock type)on the exterior side,up to seven story height made with 40 mm dia M.S. Tube 1.5 m centre to centre horizontal & vertical tubes joining with cup & lock system with M.S. tubes,M.S. tube challies,M.S. clamps and M.S. staircase system in the scaffolding for working platform etc. and maintaining it in a serviceable condition for the required duration as approved and removing it there after. The scaffolding system shall be stiffened with bracings, runners, connection with the building etc. wherever required for inspection of work at required locations with essential safety features for the workmen etc. complete as per directions and approval of Engineer-in-charge. The elevational area of the scaffolding shall be measured for payment purpose The payment will be made once irrespective of duration of scaffolding.	34.31	Sqm
		Note:- This item to be used for maintenance work judicially, necessary deduction for scaffolding in the existing item to be done.		

FOLLOWING POINTS NEED ATTENTION

1. Sealed quotations as per above specification must be submitted to the school office DAV Public School, Lalganj, Itarhi Road, Buxar (Bihar) by 30-04-2025. The part credentials/work experience of the contractor must be enclosed.
2. Brand/Quality/quantity must be specified whenever acceptable.
3. Rates quoted should include all applicable taxes & all other expenses; no extra cost will be paid by the school in any case.
4. Lowest rates will be decided after final negotiation with the bidders by the constitution of committee for repair & maintenance, renovation & small construction of the school.
5. Uses of Electricity & Water through the contractor of said works deducted 1% of final approved bills.