“Published in `The Chandigarh Tribune on 24 Oct 2026”

TENDER NOTICE

YADAVINDRA PUBLIC SCHOOL
PATIALA 147001

Invites quotations by 30 Oct 2026 for laying a permanent tensile membrane canopy measuring 50’ x 32’ at Gate No 1. Visit www.ypspatiala.in for the detailed BOQ and tender instructions. Interested firms may visit the School on any working day for site inspection in consultation with Mr GS Cheema (Mob 9855051471)

YADAVINDRA PUBLIC SCHOOL, PATIALA

TENDER DOCUMENT

PERMANENT TENSILE MEMBRANE CANOPY
50 FT × 32 FT CLEAR ROAD WIDTH

Tender Notice No.	YPS/1422
Date	21/10/2026
Last date/time of submission	30/10/2026 Before 1300 hrs
Date/time of opening	31/10/2026 at 1300 hrs
Completion period	90 days

MANDATORY DISCLOSURE OF ALTERNATIVE DESIGN / MATERIAL: Every bidder shall quote strictly against this BOQ as the base offer. If any different structural design, pipe diameter, wall thickness, steel grade, membrane material/GSM, coating, foundation arrangement, quantity or other specification is proposed, the bidder must clearly identify each deviation in a separate signed deviation statement, state the technical reason and supporting calculations/product certificates, and separately show its price and schedule impact. No substitution or departure from the BOQ shall be deemed accepted unless expressly approved in writing by the School before execution. An alternative offer shall not replace the mandatory compliant base bid.

1. Scope of Work

REFERENCE DRAWING / DIMENSION CONTROL: The appended YPS “DETAIL OF SHED” shows a 32-ft span and 50-ft length with 25-ft bays.

Design, engineering, manufacture, supply, fabrication, galvanizing, RCC foundations, erection and installation of one complete permanent tensile membrane canopy measuring 50 ft Longitudinally × 32 ft. The canopy shall span the existing road without intermediate columns, maintain fire-tender access, and provide rain and sun protection. The work shall be complete in all respects, including structural calculations, membrane patterning, hardware, foundations, testing, certification and handover.

2. Design Basis

- Overall canopy length: 50 ft, subject to final site verification; any tolerance/extension must be separately priced and approved.
- Tender transverse canopy width: 32 ft . Minimum unobstructed road/fire-tender clearance to be verified on site; columns shall remain outside the traffic envelope.
- Columns: 6 nos. nominally, two at each portal line, located outside the road and outside the existing green fence/landscaped edge, subject to final site verification.
- Minimum clear height: 4.5 m; target clear height: 5.0 m. Final height/profile to suit actual fire-tender envelope and site conditions.
- The base tender minimum remains 1050 GSM; any alternative construction/coating must be disclosed.
- Fire-tender access shall remain unobstructed. Contractor shall verify actual school fire tender/swept path before fabrication.

Primary vertical columns: 6-inch nominal diameter circular M.S. pipe (approximately 152.4 mm nominal outside diameter, subject to pipe standard), 6 nos. tender basis. This is DIAMETER, not 6-inch wall thickness. Actual outside diameter, wall thickness/schedule, grade and unit mass must be declared by bidder and checked by structural engineer.

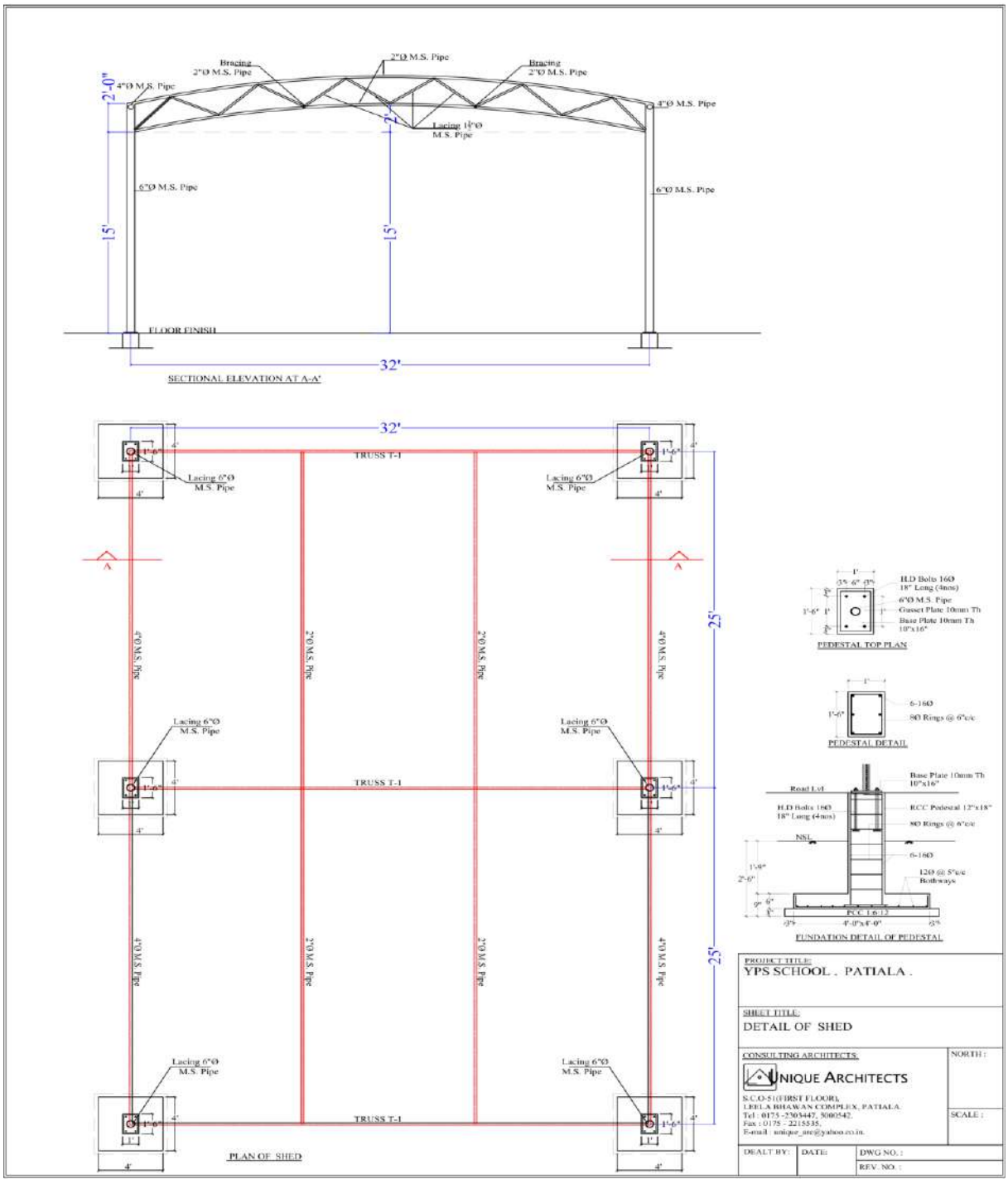
Roof transverse truss: 2-inch nominal diameter M.S. pipe for roof truss bracing / supporting web members as shown on shed detail. The reference sectional elevation also calls out 4-inch diameter M.S. pipe at outer truss chords / edge members and 1½-inch diameter lacing. These are distinct from the 2-inch members; retain as drawing-based reference only, with final member schedule subject to certified structural design.

All pipe sizes quoted in inches refer to nominal pipe diameters. bidders must specify proposed wall thickness in mm, pipe standard, steel grade, weight per metre and connection details for every member size.

- Membrane colour: cream/off-white unless approved otherwise.
- Roof drainage: no gutters and no downpipes. Membrane shall discharge rainwater beyond the road and shall not create ponding or hazardous dripping within the traffic path.
- Structural steel: Apollo/Jyoti Make or higher grade as required by structural design.
- Bolts: HD bolt 16mm dia, 18” long.
- Concrete: M25; reinforcement Fe500D to IS 1786.
- Patiala basic wind speed to be taken as 47 m/s, with final design wind pressures, suction, uplift, edge effects and membrane pretension determined by the competent structural engineer.
- Foundations shall be designed for uplift, overturning, sliding, soil bearing and anchor-bolt forces based on actual site conditions.

3. Design Drawings — Schematic / Tender Basis

REFERENCE DESIGN DRAWING — YPS SHED DETAIL (SOURCE DRAWING, NOT TO SCALE)



4. Bill of Quantities (BOQ)

Ser No	Description of Item	Qty	Unit	Rate	Amount
1	Excavation in foundation	390	Cft		
2	Supply & laying PCC 1:6:12	25	Cft		
3	Supply & fixing and placing in position including cutting, bending of steel reinforcement 16mm,12mm, 8mm dia	250	kg		
4	Shuttering	120	Sqft		
5	Supplying & laying RCC 1:2:4 in foundation and pedestals	90	Cft		
6	Supply & fixing holding down MS bolts with nuts & washer 16mm dia, 18" long	24	Nos		
7	Supply & fix MS plate 10mm thick 10" x 16"	6	Nos		
8	Supply of Primary structural steel columns, MS 6" dia heavy duty pipe	400	kg		
9	Supply of MS 4" dia pipe heavy duty in structure	300	kg		
10	Supply of 2" dia heavy duty pipe in trusses and bracing	400	kg		
11	Supply of 1½ " dia heavy duty pipe in lacing of trusses.	200	kg		
12	Supply & fix gusset, cleats, stiffener and connection plates, membrane tension hardware and fittings	100	Kg		
13	Fabrication of structural steel including cutting, drilling, welding and shop assembly	1200	Kg		
14	Supply of 1050 GSM PVC coated high tenacity polyster tensile membrane PVDF top coating or equivalent waterproof UV/fungal/fire retardant	1600	Sqft		
15	Membrane patterning, cutting, RF/heat welding and factory fabrication	1600	Sqft		
16	Supply and rendering cement plaster in CM 1:3, 12.5mm thick	90	Sqft		
17	Supply & applying Deco painting 2 coats over one coat of primer to steel members	1	Job		
	Total				

5. Tender Financial Conditions

- Bidder to quote rates per square foot for tensile fabrics.
- All rates shall include GST , labour, materials, consumables, fabrication, transport, loading/unloading, equipment, erection, testing, wastage and all incidental costs.
- Retention/Security Deposit: 5% of accepted contract value may be retained from running/final bills and released after the 12-month defects liability/maintenance period, subject to satisfactory completion and rectification of notified defects.
- Tender validity: 90 days unless otherwise specified.
- Site inspection before submission is mandatory. The bidder shall verify dimensions, ground levels, existing fence, gate, road geometry, utilities and access.

6. Payment Schedule

Payment	Milestone
50%	Advance
30%	After fabrication
15%	After completion of work
5%	Retention held and released after 12-month defects liability/maintenance period

7. Technical & Quality Requirements

- Membrane seams shall be factory RF/heat welded and tested for integrity.
- Membrane shall be properly patterned and tensioned; field cutting or ad-hoc stitching shall not be permitted without written approval.
- All steel welds shall be sound and free from visible defects. Fabrication shall follow approved shop drawings.
- Foundation and anchor-bolt setting-out shall be checked before concrete placement.
- Contractor shall submit structural calculations, connection details, membrane pattern drawings, material certificates and fire-test/classification certificate before fabrication.
- Contractor shall submit warranty certificates. Minimum manufacturer warranty for membrane: .
- Final roof geometry shall prevent water ponding. No drainage fittings shall be fixed within the road envelope.
- Temporary barricading and traffic/pedestrian management during construction shall be the contractor's responsibility.
- Any deviation from the 50 ft × 32 ft geometry, number/location of portal frames or membrane specification requires prior written approval.
- Deco finish paint.

8. Completion, Defects Liability and Handover

The contractor shall maintain the complete installation for 12 months from the date of completion/handing over. Any defect in workmanship, membrane fabrication, tensioning, steelwork, connections or water-shedding performance attributable to the contractor shall be rectified at no additional cost. Final handover shall include as-built drawings, structural certificate, material certificates, membrane warranty, fire classification certificate, inspection records and maintenance instructions.