**Great Bardfield Sports Pavilion Project**

**September 2021**

**Building Specification Overview for 30-day contract Finder**

**Scope of Supply**

To manufacture and erect a timber framed pavilion building with ship lap cladding, a pitched roof with cement type tiles. Structure to include all UVPC doors, windows, internal studwork partitions and wooden internal doors with fittings. Overall building dimensions 17,400 \* 9000 (7800 + 1200 veranda with eaves height of 2400), construction to Building Regulation compliance.

**Related Planning Drawings**

7914-01, 97914-02, 7914-03, 7914-04, 7914-05

**Principle construction features**

1. Outer walls and structural partitioning from 89 \* 38 CLS studwork with noggins at 600 centres, Side wall head rails are to be doubled, and upright studs to be trebled at corners. Opening support trusses are to be spanned with solid or box beams. All wood to be pressure treated and meets British Standards.
2. Where panels are joined and at corners stainless steel bolts to be used.
3. External surfaces clad in 9 mm OSB sheathing
4. External osb surfaces covered with Tyvek moisture barrier
5. External walls finished with 25 8 150 mm shiplap with a 19 mm Cavity between this and the Tyvek barrier, fixing to use 12-gauge stainless steel nails.
6. Pitched roof with trusses from specialist manufacturer trusses to BS EN 14250 specification installed at 600 centres, covered in a breathable membrane, batten 50 \* 25 and cement slates. Trusses to have longitudinal and rafter diagonal braces in accordance with truss manufacturers recommendations
7. Gable ends clad in shiplap over Tyvek and fitted with barge boards all fixed with 12-gauge stainless steel nails.
8. Ship lap, facias and barge boards to be pressure preservative treated.
9. Side wall eaves to have facias and open vents with fly screens.
10. Internal structural partitions to be clad with 9mm osb sheathing to one face.
11. Internal non-structural partitions 38 \* 89 frame studwork at 600 centres with noggins
12. Building to the fixed with stainless steel brackets & concrete bolts to concrete slab prepared by others.
13. Veranda ceiling lined with 16 \* 124 tgv boarding to underside, Four oak posts and balustrade to sides and partial front elevations
14. External doors and windows to be UVPC with Fensa certification and 10-year plus guarantee, windows to have trickle vents. All fitments to have suitable security locks
15. External doors to have hardwood thresholds and weather-strips.
16. Plastic deep flow gutters and down pipes to be fitted
17. Internal plywood faced doors fitted with hinges and catches plus bolts to toilets

**General**

1. Structural calculations are required for the walls and trusses
2. All work to comply with Building Regulations, to be passed by Building Control and to a good standard.
3. The Planning Application has been submitted and is with Braintree District Council

**Assessment Parameters**

1. Price for supply and erection of building
2. To have prior experience with similar building structures and able to provide end to end package.
3. Timescale for supply and erection of building
4. Formal warranty for materials and workmanship.
5. Able to fulfil H & S requirements and provide 3rd party liability Insurance
6. Formal Terms and Condition for business
7. Business ongoing and underpinned by financial equity.