



SPECIFICATION
FOR
STRUCTURAL STEEL FRAME, ROOFING AND
CLADDING WORKS TO NEW CLUBHOUSE AND
COMMUNITY FACILITY
AT
CARAGH GAA, ST. FARNAN'S PARK, PROSPEROUS,
CO. KILDARE, W91 WV62.
FOR
CARAGH GAA

1. INTRODUCTION

The Works shall comprise the supply, fabrication, delivery, erection, alteration and completion of the structural steel framework, together with associated roofing and external cladding works, for the new Clubhouse and Community Facility at Caragh GAA, St. Farnan's Park, Prosperous, Co. Kildare. The Works shall be carried out in accordance with the drawings and details prepared by Brian Connolly Associates, and this Specification. This contract relates solely to the Structural Steelwork, Roofing and External Cladding Package and shall be considered a standalone contract separate from other elements of the overall clubhouse development.

2. SCOPE OF WORKS

1	Main Portal Extension	Erect a new free-standing 2-bay steel portal frame extension approximately 20.489 m long x 10.785 m wide. Provide all primary steel members, rafters, columns, cleats, base plates, holding-down arrangements, bolts, and connection components required for a complete and stable frame. Allow for all temporary bracing and stability measures necessary during erection until the permanent bracing and final connections are fully installed.
2	Alteration to existing sports/community hall	Strip and remove the existing roof sheeting and gutters to the existing community hall where required to facilitate the extension works. Raise the existing roof purlins by means of extended cleats by approximately 300 mm to align with the new and existing higher portal geometry as per drawing. Remove existing side cladding to the front elevation and both gable elevations, including removal of associated purlins/side rails where required for the new works.
3	Dressing Rooms Lean-to/extension frame	Erect a 6-bay steel framed extension approximately 34.75 m x 6.0 m to accommodate the new dressing rooms. 4-Bays graft of existing portal be erected with high side facing pitch as per drawings

		Provide all framing necessary to form door and window openings within the steelwork, including trimmers, jamb members, lintels, flashings and local stiffening as required.
4	Secondary Steelwork and interface	Provide and install/replace purlins, side rails, cleats, bracing members, and all secondary steelwork necessary to support roof and wall cladding systems and to complete the structural frame package. Fit an insulated PVC gutter between the sports hall and the new 6 m wide lean-to extension, including all support steel, flashings interface allowances, and setting out to suit adjacent roof finishes. Erect the steel frame required to support the precast viewing terrace; however, precast terrace units and railings are excluded from this scope.
5	Cladding works	Prepare structural openings for windows in the locations shown on the drawings, including framing and support members required around such openings. Sheet all side and gable elevations with 60 mm QuadCore RW or equivalent insulated panels in accordance with Architectural drawings. Include all necessary rails, flashings, closures, fixings, trims, and accessories required for a complete cladding installation to the steel-framed wall areas within this package.
6	Material Specification	Steelwork shall be supplied CE marked in accordance with EN 1090-1 and EN 1090-2. Steel design shall be provided by the Contractor's structural engineer/designer, and PI insurance shall be submitted for review and confirmation. Steelwork shall be shot blasted and primed with zinc phosphate primer to 75 microns DFT. Purlins to new areas shall be 17515 cold rolled purlins, designed by Kingspan or equivalent.

		Roof sheeting shall be 115 mm RW Kingspan or equivalent insulated panels, colour Anthracite TBA. Side and gable sheeting shall be 60 mm RW QuadCore or equivalent insulated panels. Gutters shall be insulated, complete with Wavin or equivalent downpipes. Gutters at the roadside elevation shall be Highline type.
7	Additional Requirements	Quotation must include the hire of mechanical lifting equipment necessary for the execution of the works. Contractor must meet all Health & Safety requirements under Irish Law. Contract should provide Employer's Liability cover of 13.0M and Public Liability Insurance cover of 6.5M. Contractor should ensure fitting netting and edge protection. NOTE: The Contractor shall allow for coordination of the steelwork package with all relevant architectural, structural, precast, and building elements, including preparation of general arrangement drawings, connection details, and erection information necessary for construction and review. The successful contractor will be required to liaise and work with the selected building contractor. The contractor will also be required to work in conjunction with all PSCS and PSDP requirements of the design team and building contractor.