

PURCHASE SPECIFICATION DOCUMENT FOR POULTRY SHED 2 AT WEST NANCEMEER FARM.

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FILE NAME: PURCHASE SPECIFICATION FOR POULTRY SHED 2

PROJECT LEADS: KEITH KENDALL AND FLORENCE JAMES

**Please contact us at WestnancemeerFarm@outlook.com for full
project specification and further details of the project.**

We look forward to hearing from you.

OVERVIEW

This specification is provided for purchases to be made using funding from the UK Shared Prosperity Fund 2022- 2025 as part of the Poultry Shed 2 Plan at West Nancemeer Farm.

ESTIMATED BUDGET

Poultry Shed - £200,000

Chicken Housing Equipment - £460,000

Groundwork - £70,000

Three phase electric installation - £25,000

50kw Solar Panel System - £150,000

DELIVERABLES

Groundwork, three phase installation and solar panels need to be ready for delivery in September 2023. Poultry shed and equipment need to be ready for delivery from October 2023. Prices to include delivery, installation and manufactures warranty.

TECHNICAL SPECIFICATION

The following requirements should be met.

Table 1:

Requirement	Description
1	Supply, deliver and erect on ready prepared bases a 1 No. 68.4m long x 18.6 wide (internal bird area 68m x 18.3, includes services areas front and rear) x 3.35m high to eaves (external) power ventilated, clearspan free range building. To include framework, insulated cladding, doors, automated pop holes, ventilation and guttering.
2	Supply, deliver and install a Multi Tier Free Range Laying System for 16,000 hens. To include all ventilation, feed equipment, LED lighting, water lines, nest boxes and all relevant egg and manure conveyor belts. Also to include an egg packer with capability to pack 22250 eggs per day.
3	Supply, deliver and lay 79m x 19.3m x 127mm concrete pad on a stripped and levelled site. To include installing shed fixing bolts (supplied by shed builder) Also supply, deliver and lay 3m x 6m x 203mm concrete pad on a prepared site.
4	Supply, install and connect a three phase power supply to the farm. Must meet all regulations and safety standards.
5	Supply, deliver and install a 56.7KW Solar PV 69kWh Battery Storage System

TENDER SCORING CRITERIA

As well as the comparison of price and lead time for delivery of product, the following criteria are to be used to select a successful tender.

Criteria	Low Performance (1pt)	Medium Performance (2pts)	High Performance (3pts)
Compliance against the technical specification defined in Table 1	Compliant to less than 50% of any of the technical requirements	Compliant to less than 80% of any of the technical requirements	Compliant to 80% or more of any of the technical requirements.
Frequency and degree of maintenance	High turnover of consumable parts, long yearly downtime	Minimal consumables, long to medium yearly down time	Minimal to no consumables, short yearly downtime
Compatibility with existing poultry shed set up and equipment	Cannot be integrated actively, separate installation required	Installation can be partly integrated, but reduction in quality of set up may occur	Fully capable of integration into existing shed controls and equipment.
Ease of Use	Manual operation required frequently	Manual operation required infrequently	No manual operation required. Fully automated system.
Deliverability	Long lead time on delivery	Medium lead time on delivery	Immediate to short term lead time on delivery

