



Quote Ref: JM30898

14th July 2025

Quotation

SIMPSONS MALT LTD

**Gladsmuir
Gladsmuir Granary, Tranent
Edinburgh
EH33 1EJ**

For the attention of DUNCAN MYHILL

Dear Sir/Madam,

Subject: Gladsmuir Plant 1 Upgrade (Automation)

We thank you for your enquiry regarding the above and enclose our quotation and work scope as follows.

1. Design and Management

- Complete EICA Design, management and installation.

2. MCC / RIO Panels

MCC 1

Design, manufacture and install Form 2 MCC with a separate incomer main switch and PLC section suitably sized to house the following equipment:

- 1no. Schneider M580 level 2 safety PLC with safety and standard I/O modules
- 1no. MCC UPS to cover the PLC, HMI and Network switch (rack-mounted)
- 2no. Schneider RSTP-enabled Modicon managed switch (MCSESM103F2CU1)
- 4no. Schneider ATV930 variable speed drives
- 3no. Schneider TeSys Interface islands to C/W the following:
 - 34 no. Schneider SIL-rated Starters
 - 34 no Schneider SIL SIM interface modules
- 19.5" industrial PC TFT Panel mount

CP 01

- 1no. Schneider I/O rack to C/W Input and Output modules
- 1no. Schneider TeSys Interface islands to C/W the following:
 - 4 no. Schneider SIL-rated Starters
 - 4 no Schneider SIL SIM interface modules



Design, manufacture and install the following RIO panels:

RIO1

- 1no. Schneider I/O rack to C/W Input and Output modules

RIO2

- 1no. Schneider I/O rack to C/W Input and Output modules

RIO3 (Kerosene panel)

- Remote start/stop
- Allowance has been made from the supplied documents

Drier bed fan panels x2

- 2no. ATV900 15kw Variable speed drives with Ethernet control

Server

- 1no. 18U enclosure, APC UPS 1kva
- 1no. Dell server (as per Keith's installation)

£167,642.00

3. Containment

An allowance has been made to supply and install suitably sized galvanised cable containment as per the tender document

£10,748.00

4. Power Installation

An allowance of 20% to supply and install suitably sized SWA and control cabling as per the tender document

£34,839.00

5. Instrumentation

An allowance has been made to supply and install suitably sized BS5308 control cabling as per the tender document for existing instrument rewire and the new installation of Isolator STOs where required.

£12,203.00

6. Control system engineering

Design and install a new SCADA display package for malt handling operations for control on a local industrial PC/HMI.

Carry out System programming for Sequence control for the following:



- Lorry offloading sequence to selected silos
- Silo discharge sequence to the dresser and dryers
- Drier operations
- Dresser operations
- Final destination sequencing

This cost also covers the System engineers' allowance for I/O checking and commissioning for 4 Weeks, including travel and accommodation

£75,158.00

7. Communication Installation

Supply and install communications using CAT6 cabling to the following:

(Allowance from Tender Document)

- MCC
- PLC
- RIO panels
- CP01 Panel
- Drier Bed fan panels

£14,034.00

8. Testing

Carry out on-site electrical testing on the new installation and produce documentation. This includes the following tests.

- Insulation resistance
- R1 + R2
- Ze & Zs
- Motor tests

£4,880.00

9. Commissioning

Carry out onsite I/O testing and assist the process engineer with sequence testing.

£11,248.00

10. Strip out of the existing MCC

Strip out all redundant equipment before new equipment installation

£9,800.00

11. Travel and accommodation

Cost for 5 weeks of travel and accommodation for 4 men

£46,678.00



Our cost to carry out the above works would be **£387230.00** + VAT

We hope the above is of interest and look forward to hearing from you in due course.

Note:

Motor loading has been calculated from the supplied documents at the quoting stage

No allowance has been made for the replacement of upgrade of the existing MCC supply cable; it is assumed to be suitable.

No allowance for fixed scaffolding

No allowance has been made for MEWP hire

No allowance for any civil works, including hole penetrations

No allowance for mechanical works, including fitting any instruments

No allowance has been made for the power distribution not mentioned above

No allowance has been made for Distribution Network Operators (DNOs) services

No allowance has been made for the supply of any equipment unless stated above

No allowance has been made for any power factor correction (assumed minimum 0.95)

It is assumed that the Ze value at the MCC will be no greater than 0.05Ω

No allowance has been made for any Principal Contractor duties

No allowance has been made for any welfare or office facility

No allowance has been made for any cabling out with the areas mentioned above

No allowance has been made for any generator hire and as it is assumed that a temporary power circuit will be available

No allowance has been made for any cost penalties for delay in the project out with our control

No allowance has been made for any lightning protection

No allowance has been made for any surge protection

It is assumed **full access** to site will be available during the stated working hours 0700-1900 Mon-Sun

This quote is based on P&ID's (Gladsmuir PFD model)

This quote is valid for 30 days from the date of quotation

This quote is based on the Electrical Design, Selection and Erection to BS EN 60079-14 ATEX Certification



Yours faithfully

For Grants (Dufftown) Ltd

Dale Russell

Admin

admin





Grants (Dufftown) Ltd General Conditions of Trade

In these General Conditions of Trade the following expressions shall have the following:

1. meanings:

- (a) "customer" shall mean the person, firm or company to whom any quotation is addressed or with whom any contract is made.
- (b) "the goods" shall mean, not only the articles or things or any part thereof, the subject of any quotation or contract to which these conditions apply, but also include the services provided by Grants.

2. General:

- (a) These conditions shall apply to all contracts entered into by Grants or by any subsidiary and/or associated company of Grants. All goods are supplied to intending customers on the following terms, which supersede any previous dealings between Grants and any customer and/or advice which may have been previously given to the customer by any of Grants staff or agents. Any customer who does not accept these terms should return goods forthwith.
- (b) The terms and conditions contained herein shall be the entire contract terms subject to which all quotations are given and also contracts made by Grants. All terms and conditions referred to by the customer or contained in any order or acceptance of quotation or otherwise brought to the notice of Grants are hereby excluded unless otherwise specifically agreed in writing by Grants before delivery of goods.
- (c) Any quotation issued by Grants shall not constitute an offer for the purposes of contract law. The customer's response to a quotation issued by Grants shall constitute an offer by the customer which offer may be accepted or declined by Grants at its sole discretion.

3. Payment Terms:

- (a) All goods will be quoted for and priced nett VAT at the rate prevailing at the date of the Invoice when rendered.
- (b) Any price quoted, although normally valid for thirty days, may be altered without notice by Grants at any time before the contract arises.
- (c) Payment is due within 30 days of the date shown on the invoice and is hereafter referred to as "the due date". If after the due date any amount due shall remain unpaid. Grants may, having so informed the buyer in writing and at its full discretion, charge interest on the principal sum due up to a maximum of three percent above the base rate of the Clydesdale Bank Plc for the time being in force.
- (d) Generally, time of payment shall be of the essence of the contract and failure to make payment on the due date shall entitle Grants to treat the contract as repudiated and act accordingly.

4. Delivery:

Grants shall use its reasonable endeavours to secure delivery of the goods on or before any date which may be stipulated for delivery, but it does not guarantee time of delivery. Grants shall be entitled to deliver the goods within a reasonable period beginning with any such date and a customer shall accept such delivery. Grants shall not be liable to the customer for any damages or any claim of any kind as a result of loss suffered by the customer and caused or contributed to by Grants failure to deliver the goods in accordance with these provisions, whether as a result of late delivery, non-delivery, damage or short delivery, or otherwise.

5. Property:

Property in the goods shall not pass to the customer until Grants has been paid in full for them. Until then the customer shall keep them apart and Grants shall have the right at any time to recover possession of them and for that purpose to enter the customer's premises to do so. Until property passes to the customer the goods are held in trust by the customer for Grants until payment in full of the price thereof when the trust will terminate.

6. Risk:

- (a) The risk of damage to or loss or destruction of the goods shall pass to the customer on delivery of the goods to the customer.
- (b) The customer shall indemnify Grants in respect of any loss or damage to any goods which are the property of Grants in the possession of the customer, but the amount of such indemnity shall not exceed the total indebtedness of the customer to Grants.

7. Limitation of Liability:

In the event of any goods sold, or agreed to be sold by Grants, or in the event of any services rendered by Grants not complying with the express terms of the contract. Grants will in its sole discretion replace the defective goods or re-render such services as the case may be free of charge to the customer, or alternatively refund all payments made to Grants by the customer in respect of defective goods or services. Save as aforesaid (and save in respect of death or personal injury resulting from the negligence of Grants, its servants or its agents) Grants shall not be liable for any claim or claims for direct or indirect consequential or incidental injury, loss or damage made by the customer against Grants (whether in contract or in delict including negligence on the part of Grants, its servants or agents) arising out of or in connection with any defects in the goods or any act, omissions, neglect or default (whether or not the same constitutes a fundamental breach of these terms or a breach of a fundamental term thereof) of Grants, its servants or agents in the performance of these terms.

8. Patents etc:

The customer shall indemnify Grants from all claims, demands, damages, penalties, costs, expenses and all liability in respect of the infringement of any patent registered design, design, copyright, or other industrial property, right or breach of confidence (not being a breach by Grants) resulting from or arising in the performance of any contract, Grants do not warrant the supply or use of the goods in the United Kingdom or elsewhere is not an infringement of the rights of third parties in industrial property.

9. Acts out with the control of Grants:

Grants shall not be liable for any loss or damage caused by non-performance or delay in performance of any of its obligations under the contract where the delay or non-performance is due to any cause beyond Grants control. In such event Grants may terminate or suspend the contract with no liability for loss or damage thereby occasioned. Where any failure or delay in performance by Grants of its obligations is due to acts or omissions of the customer, Grants shall be entitled to recover from the customer the costs it incurs as a result of such acts or omissions of the customer.

10. Termination:

If the customer commits a breach of any of its obligations hereunder or becomes insolvent to the extent of bankruptcy or if an incorporated company has a receiver or liquidator appointed of any of its property or business undertaking, or announces that it is ceasing to trade (other than for declared legitimate reasons such as retirement, whilst continuing to honour existing contracts) and fails to make payments as due, suspends payments and/or notifies any of its creditors that it is unable to meet its debts, or that it is about to suspend payment of its debts or convenes, calls or holds a meeting of creditors, or is adjudged bankrupt or signs a Trust Deed for behalf of its creditors, or being a body corporate convenes, calls or holds a meeting for the purpose of going into liquidation (other than the purpose of reconstruction or amalgamation) by the making of an order or the passing of a resolution for Winding up, or if there is a change of control of the customer (being a change in the identity of the person who has power to secure that the affairs of the customer are conducted in accordance with his wishes), or if the customer is a partnership and any of the above events occurring with respect to the partnership or to any partner therein, then this contract forthwith be determinable at the option of Grants, but without prejudice to any right Grants accrued prior to such determination.

11. Waiver:

Any failure by Grants to enforce any of its rights under this contract shall not be taken to be a waiver of any of Grants rights hereunder and Grants shall not be deemed to have acquiesced in the removal of any right or condition by non-enforcement.

12. Health and Safety legislation:

Grants believe (and in the absence of an appropriate code of practice) that its designs and products, when properly used by the customer, comply with the requirements of the Health and Safety at Work Legislation current at the date of contract, with the proviso that any additions or variations to their designs or products arising from the requirements of the Health and Safety at Work Legislation are deemed not to be included in the original price and will be held to be extras to the original contract which Grants will be entitled to receive payment for as if they formed part of the original contract all on the terms and conditions as hereinbefore and hereafter specified.

13. Set Off:

Grants reserves the right to set off against any amount due from it to the customer any debt which might be due from the customer to Grants or to its subsidiary and/or associated company.

14. Law and Jurisdiction:

The construction, validity and performance of this contract and of all matters pertaining thereto shall be governed in all respects by the Law of Scotland.

15. Notices:

Any notices given under this contract shall be in writing and sent by post to the registered office of the last known address of the person to whom it is addressed and shall be deemed to have been received twenty-four hours after the date of posting thereof.

