

Request for Tender

Tender for Woodville Golf Course Irrigation Project

No. T-2018-053

Closing: 2 pm Thursday 4 December 2018

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Tender Summary Information

Project Title	Woodville Golf Course Irrigation Project		
Issue Date	Tuesday 13 No	vember 2018	
Closing Date and Time	2 pm Thursday	4 December 2018	
Tender Briefing/Site Inspection	11 am Thursday 22 November 2018 A pre-tender briefing will be held at "The Cottage" 1st Floor Works Depot Chiswick Road, AUBURN.		
Tender Lodgement	Responses are to be submitted via electronic lodgement through the eTendering website at: https://tenders.nsw.gov.au/wsroc/		
Tender Clarification and Questions	Respondents should not seek information from any person(s) or rely on any information provided by any person(s) other than the Contact person. All enquiries are to be confirmed in writing.		
Tender Clarification and Questions Close	1pm Friday 30 November 2018		
Nominated Contact	Name	Bill So	
Officer for all Enquiries	Telephone	8757-9846	
	Email tendering@cumberland.nsw.gov.au		

Introduction

The Request

Council (the Principal) is seeking Tenders from appropriately qualified and experienced Contractors, organisations or individuals to provide the installation of an automatic Irrigation system at Woodville Golf Course in accordance with the terms and conditions of this RFT.

Lump Sum

The work is awarded for the contract work on a lump sum fixed price basis in accordance with the fixed lump sum provisions in the tender pricing schedules herein.

A more detailed brief of the extent of goods /services required by Council is set out in Section C - Specification of this tender document.

Structure and Purpose of this Request For Tender

This Request for Tender (RFT) is intended to provide Respondents with Information on Contract requirements and Council arrangements for the submission and evaluation of Tenders.

The RFT comprises of the following parts:

Section A: Conditions of Tendering

The purpose of this section is to provide instructions as to how to prepare a Tender and details that will be evaluated by Council. More specifically Section A includes:

- The requirements for the preparation and lodgement;
- An overview of the Tender evaluation method and criteria; and
- The procedures and protocols governing communication between Council and Respondents during the Tender process.

Section B: Conditions of Contract

Provides Conditions of Contract upon which an appropriate agreement with the successful Respondent will be based in accordance with the Specification in Section C of this document

Section C: Specification

Provides all details of the requirements, including outputs and deliverables under the Contract.

Section D: Tender Offer and Returnable Schedules

This contains the schedules that Respondents are required to complete when submitting a Tender.

Definitions

Unless the context requires otherwise the following terms used in this RFT have the meanings ascribed to them as set out below:

Act	means Local Government Act 1993
Closing Time:	means the closing time for the receipt of Tenders as set out in the Contract Summary Information page.
Conditions:	means the conditions of tender set out in Section A of this RFT.
Conforming Tender:	means a Tender that complies with all sections of this RFT.
Contract:	means the agreement concluded between the successful Respondent and Council, including all special conditions, specifications, and other documents incorporated with and forming part of this Contract and includes the standing offer constituted by the acceptance of the Respondent's tender for the term set out in the Tender RFT.
Contract Pricing	means the pricing shown in the Price Information Schedule submitted with the Tender.
Contract Term:	means the contract duration as defined in Section B.
Council	means Cumberland Council.
Goods:	means the item(s) which the Respondent is required to provide to the Principal under the contract as detailed in the RFT.
Intellectual Property	means all copyright, patents, registered and unregistered trademarks, registered designs, trade secrets and know-how and all other intellectual property as defined in Article 2 of the Convention Establishing the World Intellectual Property organisation of July 1967.
Late Tender:	means a Tender received by the Council after the Closing Time.
Nominated Contact:	means Council's "Nominated Contact Officer" as set out in the Contract Summary Information page.
Non-Conforming Tender:	means a Tender other than a Conforming Tender.
Principal:	means Cumberland Council.
Principal's Representative:	means the officer nominated by and representing the Principal for the purposes of the Contract.
Regulation	means Local Government (General) Regulation 2005
Request for Tender (RFT):	means the Council's documentation requesting the provisions of goods/services/works from suitably qualified Respondents.
Services:	means the services which the Respondent is required to provide to the Council under the Contract as detailed in the RFT.
Successful Respondent:	means the Respondent accepted by Council to provide the Goods/Services.
Summary Information:	means the Contract Summary Information page of this RFT.
Respondent:	means the entity replying to the RFT

Sections

Section A: Conditions of Tendering

Section B: Conditions of Contract

Section C: Specification

Section D: Tender Offer and Returnable Schedules

Appendix: Annexures to the General Conditions of Contract

Attachments

Schedule of Rates & Amounts

Schedule of Quantities

Section A: Conditions of Tendering

A1 Conditions of Tendering

Lodgement of a Tender is evidence of the Respondent's agreement to comply with the Terms and Conditions for the duration of any contract awarded as a result of the Tender process. If a Respondent fails to comply with the Council's Terms and Conditions of Tendering, the Council may take the failure into account when considering this or any subsequent Tender from the Respondent, and may pass over the Tender.

A1.1 Tender Briefing/Site Inspection

Mandatory Tender Briefing

A Mandatory Tender Briefing is required. Please refer to the Tender Summary Information page for the date, time and address

Failure to attend this Mandatory Tender Briefing will leave the Respondent ineligible to Tender

Please confirm with the Contact Officer nominated in the Tender Summary Information page of this document by the specified deadline.

The purpose of the meeting will be to brief prospective Respondents on important aspects of the Tender, to clarify any aspects of the Tender Documents, briefly advise on and review any addenda and to respond to queries.

Responses to questions, any changes to the documentation, or important issues covered at the meeting will be notified in accordance with section A1.5 Clarification of RFT of the Conditions of Tendering.

A1.2 How to prepare your tender response

- a) Carefully read all sections of this document.
- b) Ensure you understand the Requirement of this RFT.
- c) Complete and return the Tender Offer and Returnable Schedules including all attachments. The submission must be written in English.
- d) All pages must be numbered consecutively and the Tender must include an index; and,
- e) Make sure you have signed the Tender Offer and Returnable Schedules.
- f) Lodge your Tender before the Closing Date and Time.

A1.3 Contact Person

Respondents should not seek information from any person(s) or rely on any information provided by any person(s) other than the Contact Person nominated in the Tender Summary Information page of this document.

A1.4 Amendments to the RFT/Council Rights

The Respondent must not alter or add to the RFT documents unless required by these Conditions of Tendering.

Without limiting its rights at law or otherwise, Council reserves the right in its absolute discretion to do one or any combination of the following:

- a) Prior to the closing date by notice to each Respondent, defer the closing date or any other date under this tender; or
- b) Vary, amend, change or modify any aspect of this Tender, in which case Council will issue an addendum to all Respondents correcting any ambiguity or mistake concerning or arising out of this tender and any such addendum will become part of this tender, prior to or after the closing date by notice to each Respondent
- Cease to proceed with the process outlined in this RFT for tender or subsequent process.

After the closing date by notice to each Respondent, Council may;

- Evaluate tenders as Council sees appropriate in the context of its requirements for the procurement;
- b) Accept all or part of a tender;
- c) Reject any tender;
- d) Accept an alternate tender;
- e) Council is not bound to accept the lowest or any tender;
- f) Obtain further information from Respondents with respect to their tender for the purposes of clarification or explanation of their tender. This includes holding interviews with some or all Respondents, including any personnel nominated by the Respondent in the Tender;
- g) All tenders lodged will become the property of Council and on no account will they be returned to Respondents.

A1.5 Clarification of the RFT

If the Respondent has any doubt as to the meaning of any section of this RFT or the scope of the work/specification required they should seek to clarify points of doubt or difficulty with the Contact Officer before submitting a Tender.

All requests for clarification must be submitted in writing and be directed to the nominated Contact Officer. The Contact Officer will respond in writing if response contains new or additional information and/or clarification relevant to all respondents:

- a) If a Respondent considers the subject matter of a question to be confidential and to have commercial value, it must clearly indicate this in the correspondence. Council, in its sole discretion, shall determine whether the matter raised in the question is of a confidential nature. If Council does not consider the subject matter of the question to be of a confidential nature, it shall give the Respondent the opportunity to withdraw the question.
- b) Council will ensure, however, that information proprietary to a particular Respondent remains as such.
- c) Council will respond in writing to questions submitted by Respondents as quickly as possible after receipt of the questions, however, the nature and extent of the questions will determine the timeframe within which Council will be able to respond.
- d) The Council reserves the right not to answer requests for clarifying information made prior to the Closing Date and Time. Alternatively, when submitting its tender the Respondent may include a statement of the interpretation upon which it relies and upon which the tender has been prepared.

e) Issue of addenda by Council after the Closing Date and Time as listed in the Tender summary information page.

A1.6 Respondents to inform themselves

The information in this RFT has been provided in good faith. It is intended only as an explanation of the Council's requirements and is not intended to form the basis of a Respondent's decision on whether to enter into any contractual relationship with the Council.

The information provided does not purport to be all-inclusive or to contain all information that a prospective Respondent may require. Respondents and their advisers must take their own steps to verify information which they use and must make an independent assessment of the opportunity described in this RFT after making such investigation and taking such professional advice as they deem necessary.

Respondents will be deemed to have:

- a) Examined the RFT and any other information available in writing to Respondents for the purpose of tendering;
- Examined all further information relevant to the risks, contingencies, and other circumstances having an effect on their Tender which is obtainable by the making of reasonable enquires;
- c) Satisfied themselves as to the correctness and sufficiency of their Tenders including tendered prices which will be deemed to cover the cost of complying with this RFT and of all matters and things necessary for the due and proper performance and completion of the work described therein; and
- d) Satisfied themselves they have a full set of the RFT documents and all relevant attachments which includes all pages which are numbered consecutively and that all supplements referred to are also included.

None of the Council, the Council's members, directors, officers, employees, agents or advisors makes any representation or warranty as to the adequacy, accuracy, reasonableness or completeness of the Information within this RFT.

Neither the Council nor their professional advisors shall be liable neither for any loss or damage arising as a result of reliance on the information nor for any expenses incurred by Respondents at any time.

Any advisers or agents appointed by the Council, whether legal, financial, technical or other, will not be responsible to anyone other than the Council for providing advice in connection with the RFT.

A1.7 <u>Lodgement of Tenders and Delivery Method</u>

The Tender must be lodged by the closing date and time as stated in the Contract Summary Information page.

Tenders are to be lodged by electronic lodgement at the following website:

a) https://tenders.nsw.gov.au/wsroc/

Should the Respondent experience any technical difficulties in lodging its Tenders via the prescribed electronic manner, they are to avail themselves to the technical support provided by contacting: *NSW Procurement Service Centre – 1800 679 289.*

Please note that:

- a) Manual Submissions will not be accepted.
- b) Tenders received via electronic transmission other than through the website stated in clause A 1.7 (a) will not be accepted. Such action would result in an unfair competitive advantage to any of the Respondents and/ or tender integrity process is compromised.

A1.8 eTendering Conditions

NSW eTendering is the electronic Tendering system used for the electronic publication of information in regards to this RFT, including the RFT documentation, issue of Tender notifications and addenda and, to accommodate the electronic submission of Tender responses.

Submissions lodged electronically will be treated in accordance with the NSW Electronic Transactions Act 2000, and given no lesser level of confidentiality, probity and attention than Tenders lodged by other means.

Respondents lodging a Tender electronically must accept conditions shown on the electronic Tendering website which include conditions with regards to file types and file sizes acceptable. Please review the terms and conditions with regards to the eTendering system prior to uploading your Tender response.

Council may not consider Tender responses that cannot be evaluated due to being incomplete or the electronic file is corrupt.

Electronic lodgement must be 'fully complete' by closing date and time. The electronic link will cut off right on closing time and if your submission is not complete, it will be deemed as a late submission and will not be considered.

Tenders received via electronic transmission other than through the website stated in clause A 1.7 (a) will not be accepted.

Files must be checked by a reputable virus scanning application prior to submission and be found to free from virus malicious code or other properties (including executable code) that may compromise Council's IT environment.

All addenda will be posted onto the NSW eTendering site. At such time the registered applicants will receive a notification of the addenda via email.

A1.9 Acceptance of tenders

Unless otherwise stated in this RFT, the Tender may be accepted by Council either wholly or in part. The Council is not bound to accept the lowest Tender and may reject any or all Tenders submitted.

No legal or other obligation will arise between a Respondent and the Council in relation to the conduct or outcome of the tender process unless and until an agreement has been executed.

The Tender and the acceptance thereof shall constitute a binding contract between the Council and the Respondent on and subject to the terms of the:

- Formal Instrument of Agreement
- Successful Letter
- Conditions of Contract;
- Request for Tender document (including attachments and any Addenda), except and Sections, components or Attachments specifically excluded from forming part of the contract;
- Respondent's Offer Received
- Any other documentation forming part of the contract as agreed in writing between the parties

A1.10 Rejection of Tenders

A Tender will be rejected without consideration of its merits in the event that:

- a) It is not submitted before the closing date and time; or
- b) It is not submitted at the place specified in the RFT;
- c) It is not a conforming RFT.

A1.11 Tender Opening

Tenders will be opened in the Council's offices, following the advertised Closing Date and Time.

The Tender opening will be held at 16 Memorial Ave, Merrylands in accordance with the date and time listed on the Tender Summary Information page of this document.

A1.12 **Evaluation Methodology**

Tender Responses will be evaluated against the evaluation criteria set out in Section A1.14 of this RFT.

Tenders are evaluated by a Tender Evaluation Panel comprised of relevant staff.

A1.13 **General Evaluation Considerations**

Information provided by the Respondent in its response to Section D of this RFT will be the basis of the evaluation of these criteria. Respondents are advised to respond clearly to all of the requirements listed in Section C of this RFT in its response to Section D of this RFT.

Those evaluation criteria designated as Compliance Criteria are evaluation criteria that MUST be met by the Respondent. A Tender Response that fails to fully comply with those evaluation criteria may be excluded from further consideration.

Weighted evaluation criteria are evaluation criteria which will be taken into account by the Tender Evaluation Panel when conducting an overall value for money assessment of the Tender Response. Failure to fully comply with those evaluation criteria may reduce the Respondent's overall score.

Council may, in its sole discretion, seek clarification from any Respondent regarding information contained in the Tender Response and may do so without notification to any other Respondent.

The quality and the format of the Tender Response will be taken into account in evaluating the Tender Response.

A1.14 Evaluation Criteria

Tenders will be evaluated using information provided in the Respondent's tender. As part of this process Respondents may be called upon, at their expense, to make a presentation of their proposal to Council.

Tenders will be assessed against both Compliance and Weighted Evaluation Criteria.

Tenders will be assessed using a weighted scoring process based on information provided with the Tender.

Compliance Evaluation Criteria

Compliance criteria are specified in this document and will not be point scored. Each submission will be assessed on a Yes/No basis as to whether the criterion is satisfactorily met. An assessment of "No" against any criterion may eliminate the tender from further consideration.

The following compliance criteria will be used for this category in the evaluation of Tenders submissions received for this RFT (see Section D Schedule 2):

- a) Satisfaction of Insurance Requirements
- b) Key Qualifications / Accreditations / Licences
- c) Quality Management System
- d) Council Work Health and Safety requirements
- e) Environmental Management

Weighted Evaluation Criteria

The following weighted evaluation criteria will be used in the evaluation of Tenders submissions received for this RFT:

- a) Schedule of Pricing Information (see Section D Schedule 3).
- b) Demonstrated experience through a successful track record of providing similar good / services as requested in this RFT (see Section D Schedule 4).

- c) Demonstrated knowledge, skills and experience of proposed professional, technical and other staff applicable to the contract (see Section D Schedule 5).
- d) Methodology to be utilised in delivering goods / services in accordance with the requirements stipulated within Section C of the RFT for Tender document, including engagement, allocation of resources, communication and reporting processes (see Section D Schedule 5).

A1.15 Alternative or Non-Conforming Tenders

The Council reserves the right to accept an Alternative Tender.

If a Respondent wishes to submit an Alternative Tender it must also:

- a) Submit a conforming Tender; and
- b) Submit a separate Alternative Tender; and

Council may, at its absolute discretion, consider an Alternative Tender; however it is not obliged to do so.

Alternative tenders will not be considered in the absence of a conforming tender also being submitted.

A1.16 Departures, Clarifications and Assumptions

The Respondent is to declare and detail any Departures, Clarifications or Assumptions that have been taken into account and included in its response to the RFT in Schedule 1 – Section D.

These Departures, Clarifications or Assumptions can address any conditions or positions in the Conditions of Contract or requirements as detailed in the Specification supplied that are material to the response. The detail provided must fully describe and price any conditions, qualifications, or departures from the specification for the Alternative or Non-Conforming Tender.

Submissions will be considered as complying with all terms and conditions of the Tender, the Conditions of Contract and the Specification unless expressly noted in Schedule 1 – Section D.

A1.17 Tender Validity Period

All Tenders will remain valid and open for acceptance for a minimum period of 6 months from the closing date and time unless extended by mutual agreement between the Council and the Respondent(s) in writing. Respondents may withdraw its Tender at any time after the expiration of the Tender Validity Period.

A1.18 Variation of Tender

- a) Before the Council accepts any of the received Tenders, a person who has submitted a Tender may, subject to subparagraphs below, vary the Tender:
 - (i) by providing the Council with further information by way of explanation or clarification, or
 - (ii) by correcting a mistake or anomaly.
- b) Such a variation may be made either:
 - (i) at the request of the Council, or
 - (ii) with the consent of the Council at the request of the Respondent within two days of the closing date and time, but only if, in the circumstances, it appears reasonable to the Council to allow the Respondent to provide information or correction.
- c) If a Tender is varied in accordance with section A1.18, the Council will notify in writing all other Respondents that have the same or similar characteristics as the varied Tender, and provide them with the opportunity of varying its Tenders in a similar way.
- d) The Council will not consider a variation of a Tender if the variation would substantially alter the original Tender.

A1.19 **Identity of the Respondent**

The identity of the Respondent and the Contractor is fundamental to Council. The Respondent will be the individual, individuals, corporation or corporations named as the Respondent in whose execution appears on the Tender Offer Form in of this RFT.

A1.20 Tendered Price

The price(s) outlined in the Tender must quote all prices exclusive of GST.

The price(s) tendered will be what the Council will be required to pay pursuant to the Contract and must include all costs associated with the Contract.

1) The price tendered should be firm for the duration of the contract.

The Respondent must provide its Australian Business Number (ABN), or, if it does not have an ABN, the reason for not having one.

Payments between Council and the Respondent will be exclusively in Australian dollars (AUD).

A1.21 Conditions of Contract

Tenders will be deemed to have been made, on the basis of, and to incorporate Conditions of Contract as provided in Section B - Conditions of Contract of this RFT and based on Section C – Specification.

A1.22 Ownership of Tenders

All documents, materials, articles and information submitted by the Respondent as part of or in support of a Tender will become property of the Council and will not be returned to the Respondent at the conclusion of the Tender process. The Respondent will be entitled to retain copyright and other intellectual property rights therein, unless otherwise provided by the Contract.

The Respondent does not acquire intellectual property rights in the RFT documents. Respondents shall not reproduce any of the RFT documents in any material form (including photocopying or storage in any medium by electronic means) without the written permission of the Council other than for use strictly for the purpose of preparing Tenders.

A1.23 Registration or Licensing of Respondents

Where an RFT requires that a Respondent to be registered or licensed to carry out the work described in the RFT, the Respondent shall state in the appropriate Response Schedule, its registration or license number. The Tender may not be considered if the Respondent fails to provide such registration or license number.

A1.24 WHS Obligations

Lodgement of a Tender will itself be an acknowledgement and representation of requirements in relation to Work, Health and Safety, that the Respondent will comply with all relevant legislation and agrees to provide periodic evidence of compliance, and give access to all relevant information to demonstrate compliance for the duration of any contract that may be awarded.

The Contractor must be registered and approved with BNG Contractor Services prior to works commencing. All costs for registration must be met by the supplier. Registration and approval must be maintained for the duration of the contract.

BNG contact details

conserve@bngconsulting.com.au

Tel: (02) 8883 1501 Fax: (02) 8883 1502 www.bngconserve.com.au

A1.25 **Jurisdiction**

The Goods/Service, the RFT and the final Contract Documents will be governed by the laws of New South Wales. By lodging a Tender the Respondent irrevocably and unconditionally submits to the non-exclusive jurisdiction of the courts of New South Wales.

A1.26 Costs of Tender

Respondents remain responsible for all costs incurred by them in connection with its Tender whether before or after the submission date and whether incurred directly by them or their advisers regardless of whether such costs arise as a direct or indirect consequence of amendments made to the RFT by the Council. For the avoidance of doubt, the Council shall have no liability whatsoever to Respondents for the costs of any negotiations conducted in the event that the Council decides not to accept any Tenders.

A1.27 Canvassing of Officials

Any Respondent who solicits or attempts to solicit support for its Tender or otherwise seeks to influence the outcome of the Tender process by:

- a) offering of any inducement, fee, or reward, to any member or officer of the Council, or any person acting as an adviser for the Council; or
- b) canvassing any persons referred to in this document; or
- c) contacting any Council Officer of the Council about the RFT or any process relating thereto.

will be disqualified from involvement in the RFT process (without prejudice to any other civil remedies available to the Council and without prejudice to any criminal liability which such conduct by a Respondent may attract), at the Council's discretion.

A1.28 **Confidentiality**

The Council makes information available on condition that it is treated as confidential by the Respondent and is not disclosed, copied, reproduced, distributed or passed to any other person at any time except for the purpose of enabling a Tender to be made, for example by disclosure by a Respondent to its insurers or professional advisers, provided they have each given an undertaking at the time of receipt of the relevant information (and for the benefit of the Council) to keep such information confidential. Other than specified above, or as required by law, and save insofar as the information is in the public domain, Respondents shall not make any of the Information available to any other parties in any circumstances without the prior written consent of the Council nor use it for any purpose other than that for which it is intended.

A1.29 Statement of Business Ethics

Council is committed to the highest standards of honesty, fairness and integrity in all its business dealings. Council's Statement of Business Ethics sets out the standards of behaviour that Council expects from its private sector partners. These standards of behaviour relate to fair, ethical and honest dealings with Council, and ensuring that the best level of service is provided to the community. This document is also attached to this Tender document. Breaches of this Statement may constitute grounds for termination of this contract.

The Respondent must comply with and observe the ethical principles in Cumberland Council's *Statement of Business Ethics* which is available from Council's website:

https://www.cumberland.nsw.gov.au/council/about-council/tenders

A1.30 Cumberland Council Code of Conduct

The Respondent must comply with and observe the ethical principles in Cumberland Council's *Code of Conduct* which is available from Council's website

https://www.cumberland.nsw.gov.au/sites/default/files/2017-10/code-of-conduct.pdf

The *Code of Conduct* specifically requires that Councillors and staff shall not seek or accept any payment, gift or benefit intended or likely to influence, or that could be reasonably perceived by an impartial observer as intended or likely to influence them to:

- Act in a particular way (including making a particular decision)
- Fail to act in a particular circumstance
- Otherwise deviate from the proper exercise of their official duties.

The Council is committed to promoting ethical behaviour. Reports of unethical behaviour, fraud, corruption, maladministration or waste can be made to Councils General Manager, Council's Public Officer or Councils Internal Ombudsman. External reporting can also be made to:

- Independent Commission against Corruption 8281 5999
- NSW Ombudsman 9286 1000
- NSW Department of Local Government 4428 4100
- Public officials reporting corrupt conduct, maladministration or waste can be protected by the Protected Disclosures Act 1994. This Act protects public officials who are disclosing corrupt conduct from reprisal or detrimental action and ensures disclosures are properly investigated. The Council has an adopted policy on Internal Reporting under the Protected Disclosures Act 1994.

A1.31 GIPAA Requirement

The Government Information (Public Access) Act applies to information held or obtained by the Council and by other public authorities and departments of the government. Tenders may, to the extent required by that Act, be subject to disclosure.

Any failure by the Respondent to comply with any request pursuant to the Act will be considered a breach of an essential term and will allow the Principal to terminate the Contract by providing notice in writing of its intention to do so with the termination to take effect seven days after receipt of the notice. Once the Respondent receives the notice, if it fails to remedy the breach within the seven day period to the satisfaction of the Principal, then the termination will take effect seven days after receipt of the notice.

A1.32 Non-Collusion

Any Respondent who:

- fixes or adjusts the amount of its Tender by or in accordance with any agreement or arrangement with any other Respondents; or
- enters into any agreement or arrangement with any other Respondent that it shall refrain from Tendering or as to the amount of any Tender to be submitted; or
- causes or induces any person to enter such agreement or to inform the Respondent of the amount or approximate amount of any rival Tender for the Contract; or
- canvasses any of the persons previously discussed in connection with the Tender or the outcome of the Tender process; or
- offers, agrees, or does; pay any sum of money, inducement or valuable consideration.
 This being directly or indirectly to any person for doing, having done, causing, or caused to be done in relation to any other Tender or proposed Tender any act or omission; or
- communicates to any person other than the Council the amount or approximate amount
 of its proposed Tender (except where such disclosure made in confidence in order to
 obtain quotations necessary for the preparation of the Tender, for insurance or contract
 guarantee bonds and/or performance bonds or professional advice required for the
 preparation of a Tender),

may, at the discretion of the Council, be disqualified from any further involvement in this Tender process (without prejudice to any other civil remedies available to the Council and without prejudice to any criminal liability which such conduct by a Respondent may attract).

A1.33 **Publicity**

Respondents must obtain the written approval from the Contact person before any disclosures relating to the Tender or the contract are made to the press or in any other public domain. Respondents must not undertake any publicity activities with any part of the media in relation to the Tender or contract without the agreement of the Council, including agreement on the format and content of any publicity.

A1.34 Council Policies

Respondents are encouraged to familiarise themselves with Council policies that may be relevant to the tender.

https://www.cumberland.nsw.gov.au/council/about-council/policies-fees-and-charges

Section B: Conditions of Contract

B1 General Conditions of Contract

The General Conditions of Contract applicable to this Contract shall be AS 4000 - 1997.

AS 4000 - 1997are deemed to form part of these documents and any pursuant Contract.

A copy of AS 4000 - 1997may be purchased from SAI Global and it shall be the responsibility of the Tenderer to obtain a copy of the General Conditions of Contract and ensure compliance therein.

B2 Special Conditions of Contract

Refer to Section C – Specifications

Long Service Levy

The Contractor shall show to Council proof of payment of the Long Service Levy to the Long Service Payments Corporation at the current percentage rate in accordance with the Long Service Leave Act, prior to commencement of work under the Contract and shall make allowance for this in the Schedule.

The current levy payable is 0.35% of the Contract value. Refer to the Long Service Payments Corporation for details.

Registration of Insurance and WHS Documentation

The Contractor shall register with a third party provider selected by the Principal to ensure that it holds adequate Insurance and WHS systems in place.

- BNG Contractor Services are the Principals current provider, registration cost is \$176 annually, contact details are Frances Cruz Tel - 88831518 Fax – 88831502
- Email conserve@bngconsulting.com.au Web www.bngconserve.com.au
- All costs for registration shall be met by the Contractor.

Registration shall be maintained for the duration of the Contract

Invoices

Invoices are to be sent to accountspayable@cumberland.nsw.gov.au or faxed to (02) 9643 1120

Invoices sent must have an official Cumberland Council purchase order number quoted to ensure payment.

No Guarantee of Business

Council makes no representations, express or implied to the Contractor, as to the volume of business, which might reasonably be expected by the Contractor in the conduct of this contract. Council shall not be bound expressly or impliedly to order from the Contractor any quantity of services.

The Respondent acknowledges that Council may appoint other Respondents in respect of the Services and that where such other Respondents are appointed no objection shall be taken to such appointment by the Respondent.

The Respondent acknowledges that if not re-appointed at the end of the contract period Council may withdraw instructions or allow the Respondent to continue at its discretion.

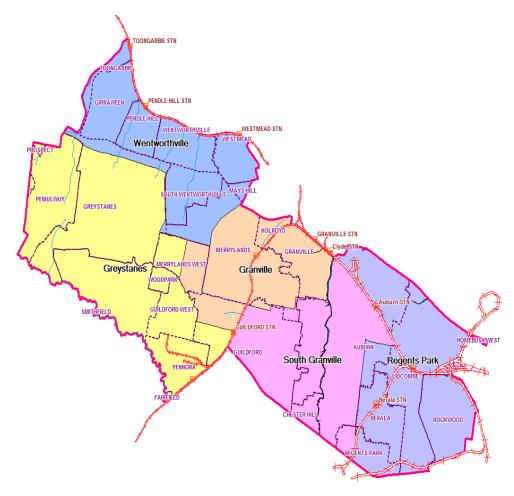
Section C: Specification

C1 Background

Council at its meeting of 1 August 2018, resolved to endorse the installation of an irrigation system at Woodville Golf Course, including Tees, Fairways and Greens. The course is one of two which Council owns and operates serving both residents of the immediate LGA and surrounds. The new system will enhance the presentation, and playability of the course improving customer satisfaction and participation.

C1.1 Council Profile

The Cumberland Local Government Area is situated 20 km west of Sydney CBD and covers 72 square kilometres. It incorporates the former Holroyd City Council area, parts of the former Auburn City Council and part of Parramatta City Council.



C2 Introduction

Cumberland Council is undertaking the installation of a new irrigation system at Woodville Golf Course Rawson Road, SOUTH GRANVILLE. The project works will provide a new Irrigation system and pumping station. A full irrigation design and specification has been prepared by Council's Irrigation Consultant for the project.

C3 Background Information

The new irrigation system will enhance the presentation and improve the turf quality and cover on all greens, fairways and lawn areas within the Golf Course area.

C4 Scope of Works

To Supply and Installation of a fully automatic irrigation system to irrigate all Tees, Fairways, Greens and lawn areas at the Woodville Golf Course as per the specifications.

C5 Statement of Requirements

- Supply or hire of all necessary plant, equipment, labour or materials as required for the project.
- Locate and identify all existing services, Private and Public.
- Demolish, remove or dispose all items existing irrigation infrastructure and equipment not required
- Excavate, trench and dispose of any overburden or spoil
- Undertaking arboriculture techniques when installing irrigation equipment around trees & shrubs, especially within the root zones.
- Supply, assemble and install all irrigation parts and fixtures as required (pipework, sprinklers, wiring, decoders, conduits, controllers, backflow prevention devices, pumps, wiring, conduits, weather station, soil sensors), including under boring and trenching to provide a fully functioning remote controlled automatic Irrigation system
- Supply and installation of all electrical components, including 3 phase panel (if required) and control panels to operate the Irrigation System.
- Test and commission system
- Supply all documentation including "as constructed" drawings.
- The detailed scope of works for the site as described in Attachment 1 General Specifications and Section 6 Design Drawings of the contract.
- Achieve all the desired delivery dates as described in Section 2 of the Schedules.
- Undertake repairs and rectification as required during the defects liability period.

C6 Respondent Resource Requirements, Qualifications and Accreditations

Contractors must hold all Licences and accreditations to undertake the installation of the new fully automatic irrigation system as per Australian Standards.

Contractors are required to hold a certified Irrigation Contractors Installers and operator's qualification.

C7 Project Milestones and Timelines

Event / Task / Milestone	Details	Commencement Date	Completion Date
Commencement of Works	Possession of site	Within 10 business days of execution of Formal Instrument of Agreement	To be advised
Notification (Public & Private)	Advise Golf Course Staff on works program	2 weeks prior closure of each Tee, fairway & green	Click here to enter text.
Completion of Works	Practical Completion Certificate issued	To be advised	Within 60 business days from date of commencing work

C8 Service Levels and Key Performance Indicators (KPI's)

- 1. WHS requirements.
- 2. Weekly Meetings
- 3. Works program with Course Staff.

C9 Value Adding Services and Innovation

The Respondent is to detail any additional services or innovation that may add value to the contract.

C10 Table of Attachments and Glossary

The attached documents are provided to be read in conjunction with section C to provide Tenders with complete detail relating to the requirements of the Tender.

Attachment No.	Attachment Title	
WGC_IR_1805_01-00-A	Irrigation System Installation Detail	
WGC_IR_1805_01-01-A	Irrigation System Hydraulic Layout	
WGC_IR_1805_01-02-A	Irrigation System Control Cable Layout	
WGC_IR_1805_01-04-A	Irrigation System Pump Station	

Section D: Tender Offer and Returnable Schedules

D1 Format of Tender Response

The Respondent is to fully complete the Tender Offer Form and Returnable Schedules as indicated and shall retain the same format as provided by the Council.

Respondents are to input information in response to guestions in the areas identified.

Council reserves the right to deem responses non-compliant and pass them over and exclude from further evaluation any responses that deviate from the format and contents requirements of the Tender Offer and Returnable Schedules contained in this Section.

Any attachments that are requested or are required to complete a response to any of the criterion contained within the following Schedules must be clearly identified on top of the attachment with the Tender number, the Respondent's name and the Schedule and criterion number to which it relates.

Attachments requested as part of this Response Schedule are to be labelled as per the directions above. Documentation and certification submitted for inclusion with Tender responses shall be free from passwords and other security encryption. Portable Document Format (PDF) is the preferred format for submissions.

D2 Notes Regarding Responding to this Tender

Before responding to the following compliance criteria, Respondents must note the following:

- All information relevant to your answers to each criterion are to be contained within your Tender;
- Respondents are to assume that the Tender Evaluation Panel has no previous knowledge of your organisation, its activities or experience, only information supplied will be assessed:
- Respondents are to provide full details for any claims, statements or examples used to address the qualitative criteria; and
- Respondents are to address each issue outlined within a qualitative criterion.

Submissions that do not satisfy criteria identified as Compliance Criteria may be deemed non-conforming and excluded from further participation in the evaluation process.

If company brochures are included in the submission, these are to be included as supporting documentation to a fully completed schedule, not in lieu of. Where an incomplete Schedule is submitted, the tender may be deemed non-conforming and not proceed to be further evaluated.

D3 Tender Offer Form

DATE	/ / 20
BETWEEN	Cumberland Council, 16 Memorial Ave, Merrylands NSW 2160 (Principal)
AND	(Respondent)

Recitals

- A. The Principal has invited tenders for a contract for the supply and installation of a new fully automatic irrigation system at the Woodville Golf Course South Granville to Council.
- B. The Respondent wishes to submit a tender on and subject to this offer form (Tender Offer Form) and the RFT.

D4 Tender

The Respondent hereby submits its tender on and subject to the RFT, including the Conditions of Tendering. The Respondent submits with this Tender Offer Form the completed Returnable Schedules and Attachments (if applicable).

Schedule	Schedule Reference	Submitted	Attachment
Schedule 1	General		
Schedule 2	Risk, Insurance and Safety Management		
Schedule 3	Price Information		
Schedule 4	Demonstrated Experience		
Schedule 5	Key Personnel Knowledge, Skills and Experience		
Schedule 6	Proposed Methodology		

D5 Formation of Contract

The Respondent agrees that, upon execution of an agreement, a contract shall be formed between the parties on and subject to:

- a) Formal Instrument of Agreement;
- b) Successful letter
- c) Conditions of Contract
- d) Request for Tender document
- e) Submission received
- f) Any other documentation forming part of the contract as agreed in writing between the parties.

D6 Execution of Agreement

The Respondent agrees to execute an agreement at the direction of the Principal.

D7 Variations

The agreement may only be varied or replaced by a document duly executed by all relevant parties.

D8 Definitions

Terms defined in the RFT have the same meaning when used in the agreement.

D9 Governing Law

Account Number

The agreement is governed by and is to be construed in accordance with the laws of New South Wales. Each party irrevocably and unconditionally submits to the non-exclusive jurisdiction of the courts of New South Wales and waives any right to object to proceedings being brought in those courts.

Dated this		day of	20		
Authorised signatory of F	Authorised signatory of Respondent				
Name of authorised sign	atory (BLOCK LETTERS)				
Ŭ	,				
Position					
Address					
Witness Signature					
Name of witness (BLOC	K LETTERS)				
Position					
Address					
D9.1 Key Informa	ation – Respondent				
Company Name					
Address					
ABN					
Contact Person					
Telephone No.					
Fax No.					
Mobile:					
Email Address:					
D9.2 <u>Key Banking Details – Respondent</u>					
Finance Officer					
Office Phone					
Remittance Email					
Name & Branch of Bank					
Account Name					
B.S.B Number					

Schedule 1 - General

General Criteria

Please select with a YES or NO whether you have complied with the following criteria:

Desc		
a)	Compliance with the Specification/Scope of Works	□Yes / □No
b)	Compliance with the Conditions of Tendering in this RFT.	□Yes / □No
c)	Compliance with the close of tender.	□Yes / □No
d)	Compliance with and completion of the Price Schedule.	□Yes / □No
e)	Compliance with all necessary Licences, Registrations and Accreditations	□Yes / □No
f)	Compliance with Council's insurance requirements	□Yes / □No
g)	Compliance with declaration of compliance and conflicts of interest requirements	□Yes / □No
h)	Compliance with Work, Health and Safety Obligations	□Yes / □No
i)	Read and Understood Conditions of Contract and Statement of Business Ethics	□Yes / □No

Acknowledgement of Addenda

I / We [insert full name of Respondent], acknowledge receipt of the following:

NOTE: Complete this section only where Addenda and/or Notices have been issued. Respondents must list all Addenda and/or Notices issued by Council.

Addenda No.	Brief Description	Date Received

Statement of Conformance

The Respondent is to signify whether or not the submitted tender conforms to the requirements of the tender document by striking out below ** that which is not applicable.

This tender **does/does not ** conform.

Should the tender not conform with the requirements of the tender documents, the Respondent shall list below all areas of con-conformance and the reasons for such non-conformance and shall value * each such non-conformance so that in the event of the non-conformance being deemed unacceptable, the Contract sum can be adjusted accordingly. If the non-conformances are not priced and are deemed unacceptable, the tender may not be fully considered.

Area of Non Conformance and Reason	*Value of Non-Conformance
	\$
	\$
	\$
	\$
	\$

Conflicts of Interest

Description of Conflict of Interest	
Will any actual or potential conflict of interest in the performance of your obligations under the Contract exist if you are awarded the Contract, or are any such conflicts of interest likely to arise during the Contract? Supply in an attachment, details of any actual or potential conflict of interest and the way in which the conflict will be dealt with.	□Yes / □No

Prior Termination of Contracts/Projects

Has your organisation ever failed to complete a project/Contract?	□Yes / □No
Has your organisation ever been involved in a court case, arbitration or other formal dispute resolution procedures in relation to a contract?	□Yes / □No

If YES, please provide details and include details including reason and value of works for prior terminations.

Organisational Profile

Attach a copy of your organisation structure and provide background information on your company and label it Organisation Structure".	"Organisation Structure"	Tick if attached □
If companies are involved, attach their current ASIC company extracts search including latest annual return and label it ASIC Company Extracts".	"ASIC Company Extracts"	Tick if attached □

Agents

Are you acting as an agent for another party?	□Yes /	□No
If Yes, provide details (including name and address) of your principal.	"Agents"	Tick if provided
Details:		

Trusts

Are you acting as a trustee of a trust?	□Yes / □No	
If Yes, provide details of:	"Trusts"	Tick if provided
The name of the trust and include a copy of the trust deed (and any related documents);and		
If there is no trust deed, provide the names and addresses of beneficiaries.		
Details:		

Financial Position

Is the responding business presently able to pay all its debts in full as and when they fall due?	□Yes / □No
Is the responding business currently engaged in litigation as a result of which you may be liable for \$50,000 or more (including any liability for costs)?	□Yes / □No
If awarded the Contract, will the responding business be able to fulfil the Requirements from its own resources or from resources readily available and remain able to pay all debts in full, as and when they fall due?	□Yes / □No
If and when required during the evaluation process, would you be prepared to produce the following?	
1 Two years financial statements for the Respondent and relevant related entitles.	□Yes / □No
2 List of financial referees from your bank and/or accountant.	□Yes / □No

Schedule of Industrial Relations Information

List the Federal and NSW awards to which the Respondent is bound:

Enterprise, Workplace or Other Enforceable (IR) Agreements

List the enterprise, workplace or other enforceable industrial	"IR	Tick if attached
relations agreements to which the Respondent is bound, and attach	Agreements"	
copies of those agreements to this Schedule.		

Schedule 2 – Compliance Criteria

Insurance Details

Provide details of insurance currently held by you and any proposed sub-contractor which would be extended to provide cover for work under the Contract.

Copies of all insurance certificates are required to be submitted as part of the tender submission.

Insurance Type	Policy No.	Extent	of Cover	Expiry Date	Name of Insurer
Workers Compensation/Accident Insurance		Per Incident \$A	Aggregate		
Public Liability Plant & Equipment					
Motor Vehicle Professional Indemnity					
Other					

Key Qualifications / Accreditations / Licences

Qualification / Accreditation / Licence	Institute	Date of Issue	Expiry

Quality Assurance

Question	Response
Does the Tenderer have a documented quality system?	
Does the Tenderer have a documented and regularly reviewed Quality Policy? Attach a copy of the Policy.	
3. Is the system third party certified?	
4. If "YES", to what standard and by who is the system certified?	
5. When was the last audit of the system?	
6. Attach evidence of the 3 most recent audits undertaken by the certifying organisation.	
7. How many major and minor non- conformances were identified?	
8. If "NO" provide such evidence as is deemed necessary to demonstrate that the system is adequate for this project.	
9. What is the name, title, and phone number of the organisation's quality representative?	
10. Provide examples of quality assurance systems and/or procedures and tools/forms.	
11. Outline any Quality Assurance issue(s) (IF ANY) that may have arisen in other projects and how they were addressed. (1 page max)	

WHS Contract Assessment Form

	Question	Response
1.	Does the Tenderer have a documented corporate management system in place to address WHS issues?	
2.	Does the Tenderer have a documented and regularly reviewed Work Health and Safety Policy? Attach a copy of the Policy.	
3.	Is the system third party certified?	
4.	If "YES", to what standard and by who is the system certified?	
5.	When was the last audit of the system?	
6.	Attach evidence of the 3 most recent audits undertaken by the certifying organisation.	
7.	If "NO" provide such evidence as is deemed necessary to demonstrate that the system is adequate for this project.	
8.	What is the name, title, qualifications, experience and phone number of the officer responsible for WHS management?	
9.	Provide examples of WHS systems and/or procedures and tools/forms.	
10	Outline any WHS issue(s) (IF ANY) that may have arisen in other projects and how they were addressed. (1 page max)	

Environmental Management Capability

Question	Response
Does the Tenderer have a documented corporate management system in place to address environmental issues?	
Does the Tenderer have a documented and regularly reviewed Environmental Policy? Attach a copy of the Policy.	
3. Is the system third party certified?	
4. If "YES", to what standard and by who is the system certified?	
5. When was the last audit of the system?	
Attach evidence of the 3 most recent audits undertaken by the certifying organisation.	
7. If "NO" provide such evidence as is deemed necessary to demonstrate that the system is adequate for this project.	
8. What is the name, title, qualifications, experience and phone number of the officer responsible for Environmental Management?	
Provide examples of environmental management systems and/or procedures and tools/forms.	
10.Outline any environmental management issue(s) (IF ANY) that may have arisen in other projects and how they were addressed. (1 page max)	

Schedule 3 – Price Information

Price Information Schedule

Respondents must complete the attached price information applicable to the Goods / Services provided. Before completing the Price Information Schedule, Respondents should ensure they have read the entire RFT. Tendered pricing is to be GST exclusive in Australian Dollars and including but not limited to all necessary labour, materials and other disbursements.

Price		
Respondents confirmed that they have completed the attached Price Information Schedule or Lump Sum Amount in Appendix A	□Yes / □No	
Completed the Schedule Amounts in Appendix A	"Schedule Amounts Appendix A"	Tick if attached □

Price Basis

The Respondent must indicate below the price basis of the tender:

a) The tendered prices are firm for the duration of the contract.

Validity

Tendered prices shall remain valid for acceptance within 120 days from the closing date of the tender.

Schedule 4 - Demonstrated Experience

Respondent's Experience

History of the Organisation

Provide a brief history of your organisation that provides an insight of the type of services you are able to provide. Provide details on the number of years in business, number of practitioners/partners in the firm/business and number of staff and scope of current activities as they relate to this RFT.

Local Government Experience

Describe your experience in working with Local Government clients on projects of a similar size.

Industry Experience

Provide details of similar projects completed and the number scoped in relation to this RFT.

References

The Respondent must provide information on three most recent relevant contracts entered into by the Respondent, similar in nature to this Tender.

If using the Council as a Reference, no reference to a specific Council officer should be made in the table provided below.

Please include the nature of works especially similarities to this Tender.

\sim	_	_	4.	_	-4	4
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Contract Description	
Client Organisation	
Type of Contract	
Brief description of Scope of Contract	
Reference Name and Phone No	
Key Staff managing contract and their positions	
Contract 2	
Contract Description	
Client Organisation	
Type of Contract	
Brief description of Scope of Contract	
Reference Name and Phone No	
Key Staff managing contract and their positions	
Contract 3	
Contract Description	
Client Organisation	
Type of Contract	
Brief description of Scope of Contract	
Reference Name and Phone No	
Key Staff managing contract and their positions	

Schedule 5 – Schedule of Key Personnel, Knowledge and Experience

Organisational Structure

Name:

Please include the number of practitioners/partners in the firm/business; each practitioners/partners/general field of specialisation, qualifications and experience; period as a practitioner/partner and employee; the level of other staff employed by the firm; capacity in which each person can act along with details of your organisational structure.

Key Personnel and Experience

The Respondent shall provide details, including relevant specialisation, experience and qualifications of the Respondent's proposed Key Personnel. A copy of each relevant key personnel curriculum vitae is to be provided.

The Key Personnel nominated in the table below are to be available for interview if required by the Council during the Tender evaluation.

In the event that the Tender is successful, the Respondent shall be bound by the information provided in this Schedule and shall not alter the personnel used for the works without the prior written permission of the Council.

Proposed Contract Manager

Position:		
Specialisation:		
Qualifications/Experience:		
No of Years with Firm		
	Proposed Key Personnel 2	
Name:		
Position:		
Specialisation:		
Qualifications/Experience:		
No of Years with Firm		
	Proposed Key Personnel 3	
Name:		
Position:		
Specialisation:		
Qualifications/Experience:		
No of Years with Firm		

Subcontractors and Consultants

Proposed Subcontractors/Consultants

Provide details of all proposed subcontractors and consultants included within the Respondents response.

Confirm (by entering 'Yes' in the third column of the table below) that the recent WHS, Environmental and Industrial Relations Management performance of each subcontractor and consultant has been reviewed by the Respondent and found to be satisfactory.

Subcontractor / Consultant work	Name and Address of Subcontractor / Consultant	Confirmation of satisfactory WHS, IR and Environmental performance

Proposed Subcontractor/Consultant Management Methodology Please provide detail of your methodology to manage the proposed Subcontractors / Consultants.

Schedule 6 – Schedule of Methodology

Please provide detail of your understanding of the requirement of the Tender no longer than two pages (per question) in length in the response below, to demonstrate how you propose to satisfactorily perform all of the specified services (Method and Approach).

- 1. Respondents are to provide the methodology used to successfully complete the requirements.
- 2. Respondents are to provide details on their response times and capacity.
- 3. Respondents are to provide details on their reporting approach and capabilities.
- 4. Respondents are to provide details on their communication protocols.

Response – Understanding of Requirement

Schedule of Contract/Project Information

Submit a project plan, preferably in MS Project detailing key milestones and dates to satisfy the contract / project over its complete term. The program is to be attached to the Tender response.

Respondent Resources

Current Commitments

Tenderer's must list ALL current projects for which it is committed during the expected timeframe of this project.

The following information must be provided for each project separately:

Project Name & Client Name/Contact Details	Principal Contractor or Subcontractor	Contract Value	Contract Period	Key Project Quantities	Brief Description of Work	Project Address

Plant and Equipment

Equipment Requirements

Respondents should demonstrate their ability to supply and sustain the necessary:

a) Plant, equipment and materials

Please compile a list below of the equipment and machinery proposed to be used to execute the works under the terms of this contract.

Make/Model	Description	Year of Manufacture	Owned or Leased

Backup Resources

Respondents should demonstrate their ability to complete the contract even in the event of the breakdown of equipment:

a) Any contingency measures or back up of resources including personnel (where applicable).

Please provide a list below of the back-up equipment and machinery that would be available in the event of equipment breaking down.

Make/Model	Description	Year of Manufacture	Owned or Leased
-			

Value Added Services

List the name of any businesses to be engaged for the contract from Cumberland LGA and what will they be providing

Business Name	Suburb	Goods /	Service
/hat if any, is the percer	ntage of your staff resides	in Cumberland LGA?	
otal Number of Staff			
What policies and initiatives	s demonstrate your commitm	ent to Social and Sustaiı	nable Procurement?
<u>'</u>			
Do they have a policy in em	ploying staff with disability?	Yes / No	Tick if attached
Oo they have an Environme	ntal / Green Policy	Yes / No	Tick if attached
			_
Additional Services			
	additional services offered by additional services are free of		
charges applicable for prov		or charge or any minimur	n or additional

Appendix: Annexures to Conditions of Contract

Attached the annexures applicable to this engagement

- Annexure Part A AS 4000 1997 General Conditions of Contract
- Annexure Part B AS 4000 1997 General Conditions of Contract (Deletions, amendments and additions
- Annexure Part C AS 4000 1997 Approval Form
- Annexure Part D AS 4000 1997 Subcontractors Statement

APPENDIX A - Schedule of Rates & Amounts AND Schedule of Quantities

SCHEDULE OF RATES AND AMOUNTS

The Schedule	of Rates and Amounts comprises:	
	SECTION 1 - Preamble	
	SECTION 2 - Schedule of Amounts	
	SECTION 3 - Schedule of Amounts, Day work and Variations	
Sections 2 an Contract.	d 3 include prices including rates and amounts for work described in the	
All three section	ns of the Schedule shall be included in the documents forming the Contract.	
ENDORSEME	NT TO BE COMPLETED BY TENDERER:	
SECTIONS R	ER HEREBY ACKNOWLEDGES THAT IT HAS STUDIED THE THREE EFERRED TO ABOVE AND AGREES TO BE BOUND BY RATES AND IN PROVIDED WITH THE TENDER AND ACCEPTED BY THE PRINCIPAL.	
THESE SCHED	JLES ARE PART OF MY/OUR TENDER	
Signed for the Tenderer by:	Date:	
	Authorised Officer	

SECTION 1 - PREAMBLE

P.1 INTRODUCTION

The Schedule of Amounts, Rates and Information includes pricing and information schedules submitted by the Tenderer at the time of tendering. They are included in the documents evidencing the Contract between the Parties.

Unless agreed otherwise by the parties it shall be deemed that the rates submitted by the Tenderer in the schedules and the Contract Sum derived therefrom are all inclusive of direct costs and indirect costs, including overheads, administrative costs, site supervision, establishment costs, attendance and profit. It shall also be deemed that such Rates and Sums include for all risks, contingencies and other circumstances having an effect on the cost of carrying out the work, on the assumption that the Tenderer informed himself as required under the Conditions of Tendering and, being a contractor experienced and competent in carrying out work of the type embraced by his offer, has anticipated and made due allowanced for all costs, risks contingencies and other circumstances, as per General Conditions of Contract and addenda and in the Special Conditions of Contract.

P.2 NATURE OF CONTRACT

The contractor shall be paid on a lump sum basis for work included in the original offer and on a lump sum, schedule of rates or Daywork basis for variations to the work, to be determined as provided in the Conditions of Contract.

P.3 QUANTITIES

Quantities shown in a Schedule of Rates and/or Amounts are not guaranteed and shall not form part of the Contract. Quantities provided by the Principal in any Schedule are only provisional estimates of quantities used by the Principal when preparing project budgets. As stated in the Schedule of Amounts, they are subject to amendment to suit quantities determined by the Contractor at the time of tendering.

P.4 PROVISIONAL AMOUNTS

If items are shown against Provisional Sums or Provisional Quantities or designated as Provisional Work in the Schedules, the extent of work to be carried out against the respective items, if any, is not definite and the work shall only be executed as directed by the Superintendent. The Contract Sum shall be adjusted as provided for in the Conditions of Contract unless described otherwise herein.

P.5 MEASUREMENT FOR PAYMENT

Quantities shall be measured, for purposes of progress payments and for purposes of determining the value of variations, net in accordance with the Drawings, exclusive of waste, overbreak, dimensional tolerances, additional material or work required to correct construction misalignments or practical discrepancies or the like.

Where a unit of measurement is included in the Schedule of Amounts, the unit shown shall be used.

Where items are shown against:

a) "Item and "L.S." or "Lump Sum": the LUMP SUM Amounts shown will be deemed payable for the respective items;

b) "Each" or "Number" (or equivalent designation): the unit rate shall be multiplied by the number of items to determine the amount payable.

In each case, the rates and sums shall be deemed to include for the extent of work and incidental work expressed or implied in the Contract including, but not limited to the Specifications and Drawings.

For purposes of Certificates of Practical Completion for either the whole of the works or Separable Portions of the Works, measurement shall be based on the total quantities of work executed in accordance with the Contract. In the event of conflict between quantities shown or recorded in measurements made for purposes of progress payments and the total quantity as measured the total quantity shall prevail.

P.6 LUMP SUM OR ITEM AMOUNTS

If pay items are given as "lump sum", with the amount not dissected into unit rates and quantities, the amount for progress payments on such items shall be determined by the Superintendent from on-site inspection and estimation of the proportion of the work executed.

However, the Superintendent may require the Contractor to break down such "lump sums" or "items" into components for purposes of assessing the value of work for progress payments, for valuing similar work required under variation orders or like purposes. The Contractor shall provide such breakdowns as required, with quantities, rates and Amounts entered and totalled to equal the amount shown for the "lump sums" or "items" in the Schedule of Amounts.

P.7 DAYWORK QUANTITIES

Quantities shall be assessed for purposes of payment against Daywork when Daywork is ordered by the Superintendent pursuant to Clause 40.3 of the General Conditions of Contract as follows:

- a) Labour: The actual hours worked, as shown on daily time sheets certified by the Contractor and approved by the Superintendent by 10.00 am on the following work day.
- b) Plant and Equipment: The actual hours worked, as shown on operating returns, based on equipment hour meters in the case of equipment with hour meters, certified by the Contractor and approved by the Superintendent by 10.00 am on the following work day.
- c) Materials: As measured from drawings or, if no drawings are available, measured as built, all measurements to be net exclusive of waste.

P.8 DAYWORK RATES

When work is carried out under Daywork ordered by the Superintendent pursuant to Clause 40.3 of the General Conditions of Contract, the amount payable to the Contractor shall be determined from the rates stated in the Schedule of Rates included herein. The following special provisions apply to Daywork rates:

a) It shall be deemed that such rates cover all site supervision and staff, insurances, holidays with pay, superannuation and other payments as required by legislation, award or enterprise bargaining agreement. Rates shall also be deemed to include for the use and maintenance of small hand tools and appliances, non-mechanical plant and equipment, such as ladders, trestles, stages, scaffolds, temporary access,

skips and all similar items unless these are used or set up exclusively for Daywork, and in the case of the rates for mechanically operated plant, consumable stores, fuel and maintenance, as well as all costs of messing and accommodation of workmen and staff, transport and miscellaneous charges resulting from the special circumstances of the site.

- b) The time of leading hands or charge hands working with their gangs shall be paid for under appropriate items, but the time of staff foremen and supervisors shall be covered by site supervision and staff as above.
- c) The rates for plant shall apply to plant which the Contractor has available upon the site. If plant is brought onto the site especially for Day work and is not used for other purposes an additional charge shall apply to cover mobilisation costs if any mobilisation costs are incurred by the Contractor.
- d) The rates for materials shall include delivery to the usual points at which materials are received on the site but not distribution to the individual positions on the site where Day work is in progress; the cost of such distribution shall be an additional charge.
- e) The Day work rates shall include the use of such Contractor's trucks, equipment and temporary access as are already in position on the site of the work to be done by Day work, unless such trucks, equipment and temporary access are used exclusively for Day work, when they shall be paid for.
- f) The cost of watching and lighting specially necessitated by Day work shall be deemed to be included in the unit rates.

P.9 DOWN TIME

If the Contractor is delayed on Site after the commencement of work on Site and up to the date for Practical Completion and is entitled to reimbursement of delay and/or disruption costs by virtue of the Contract agreement, such costs for plant and equipment shall be limited to the amount calculated from the Down Time rates included in the Schedule of Day work Rates under the heading Down Time, provided that the actual Down Time incurred is substantiated to the satisfaction of the Superintendent in the same manner as set out for Day work.

Down Time will be paid for a maximum of thirty eight (38) hours per week.

Provided, however, that Down Time shall not be payable on account of hired plant which can reasonably be laid off during Down Time or personnel or equipment which can be deployed to other parts of the Works, other work on or off the site and/or work being carried out by the Contractor other than under this Contract.

P.10 DESCRIPTIONS OF PAY ITEMS

The descriptions of pay items provided in the Schedule of Amounts are not intended to fully describe what work is required for each item and the Contractor is reminded that it is required under the Contract that all necessary "incidental" work be included as set out in better detail in the Conditions of Contract.

SECTION 2 - SCHEDULE OF AMOUNTS

Tenderer's and Contractor's attention is drawn to the requirements of the Contract regarding the way in which the various items shall be deemed to include for direct and indirect costs, overheads and profits.

Tenderers shall complete this schedule with all quantities, rates and Amounts extended to include subtotals and totals as shown. Rates and Amounts shown shall be used for valuing variations to the work under the Contract and valuing work for progress payments as described in the Contract. All rates and amounts in the schedules shall include all plant and labour, parts and associated costs to complete the project works.

The Tenderer shall take off all quantities from the drawings and other documents provided. The quantities shown by the Tenderer below, as modified if necessary pursuant to the Contract, will be used for assessing periodic payments.

The Tenderer shall provide Council with a lump sum quotation, for the project listed. Schedule rates have been divided into two separable portions for product suppliers.

The Tenderer is to provide a breakdown of the Fixed Lump Sum price into the elements listed in the schedule. The sum of the amount shown against items in the section costs must equal the amount shown in the Form or Tender.

Item No.	Description	Unit	Qty	Rate \$	Amount \$ (excluding GST)
WOOD	VILLE GOLF COURSE IRRIGATION PROJECT			•	Rainbird Products
A.1	SITE ESTABLISHMENT & ADMINISTRATION				
	Site establishment / site set out / de-establishment	Item	1		
	Principal contractor to plan, manage, monitor WH&S during construction phases	Item	1		
	Services investigation and locating	Item	1		
	Project management plan	Item	1		
	Site specific safety plan	Item	1		
	Program	Item	1		
A.2	PUMP INSTALLATION & ASSOCIATED WORKS				
	Pump Controller	Item	1		
	Interface to irrigation controller	Item	1		
	Irrigation pump set	Item	1		
	Flow sensor	Item	1		
	150 DN pressure sustaining valve	Item	1		
	160 DN x 24 m PN 12.5 suction line with floats and foot valve	Item	1		
	level transducer assembly	Item	1		
	Demolition and disposal of existing pump shed	Item	1		
	4 x 4 m colorbond shed	Item	1		
	including power supply connection and sub board	Item	1		
	shed fitout	Item	1		
	IRRIGATION PIPING ICLUDING FITTINGS				
	160 DN PN 12.5	l/m	200		
	125 DN PN 12.5	l/m	1800		
	90 DN PN 12.5	l/m	1800		
	75 DN PN 12.5	l/m	900		
	63 DN PN 12.5	l/m	7200		
	40 DN PN 12.5	l/m	150		
	63 DN PN 10	l/m	1000		
	40 DN PN 10 PE	l/m	850		
	IRRIGATION CONTROL SYSTEM				
	Central control system with 5 year support	Item	1		
	Incoming surge and UPS	Item	1		

Item	Description	Unit	Qty	Rate \$	Amount \$
No.					(excluding GST)
	Earthing grid at Central	item	1		
	Infield surge protection units	each	93		
	2 Way decoder switches	allowance	20		
	3 Way decoder switches	allowance	5		
	VALVE INSTALLATION INCLUDING FITTINGS & MINOR PIPE WORK				
	150 DN Resilient seated gate valve	each	2		
	100 DN Resilient seated gate valve	each	10		
	80 DN Resilient seated gate valve	each	27		
	50 DN Ball valve	each	27		
	50 DN Air valve	each	5		
	50 DN Solenoid valve with decoder	each	1		
	40 DN Solenoid valve with decoder	each	21		
	25 DN quick coupling valve assembly	each	52		
	ELECTRICAL – Extra Low voltage Cable				
	Communication cable in 32 DN "B" MDPE conduit	l/m	16500		
	SPRINKLER / ASSEMBLIES VALVE IN HEAD				
	A-751-E-70-28	each	15		
	A-751-E-70-28	each	156		
	A-751-E-80-40	each	106		
	A-751-E-80-44	each	160		
	SPRINKLER ASSEMBLIES BLOCK				
	5000	each	80		
	6504	each	62		
A.3	OTHER				
	Supply and install turf underlay and Kikuyu turf rolls to areas disturbed by works	sq/m			
	Supply and install Vantage Pro 2 Weather station on a galvanised pole, return to base data collection	Item	1		
	Work as executed survey	Item	1		
	Testing and commissioning	Item	1		
	Trench maintenance (Visits x 3 month intervals and fertilising)	Item	4		
	Site restoration – as required	Item	1		
	<u>Under bore all</u> paved surfaces including paths etc.	Item			
	Other – Soil sensors Davis Remote data collection	Item	4		
	Service tools	Item	1		

Item No.	Description	Unit	Qty	Rate \$	Amount \$ (excluding GST)
	Spare parts	Item	1		
	Final testing and commissioning	Item	1		
	De-establishment of site	Item	1		
	Other – (General)	Item			
	Other - Miscellaneous	Item			
	Other	Item			
	SUBTOTAL (GST Excluded)				\$
	Quotation Lump Sum (GST Included)				\$

Item	Provisional Rate For All Locations	Unit	Qty	Rate \$	Amount \$
	Excavation in Rock, including disposal (M³)				
	Excavation & Disposal of Asbestos				
	Excavation & Disposal of Concrete, Brick, clay piping & Asphalt (M³)				
	Spoil Removal (Tipping Fees) (M³)				
	Under Boring hard paved surfaces				
	Service Repairs and relocation works				

Item No.	Description	Unit	Qty	Rate \$	Amount \$ (excluding GST)
WOOI PROJI	OVILLE GOLF COURSE IRRIGATION ECT				Toro Products
A.1	SITE ESTABLISHMENT & ADMINISTRATION				
	Site establishment / site set out / de-establishment	Item	1		
	Principal contractor to plan, manage, monitor WH&S during construction phases	Item	1		
	Services investigation and locating	Item	1		
	Project management plan	Item	1		
	Site specific safety plan	Item	1		
	Program	Item	1		
A.2	PUMP INSTALLATION & ASSOCIATED WORKS	Item	1		
	Pump Controller	Item	1		
	Interface to irrigation controller	Item	1		
	Irrigation pump set	Item	1		
	Flow sensor	Item	1		
	150 DN pressure sustaining valve	Item	1		
	160 DN x 24 m PN 12.5 suction line with floats and foot valve	Item	1		
	level transducer assembly	Item	1		
	Demolition and disposal of existing pump shed	Item	1		
	4 x 4 m colorbond shed	Item	1		
	including power supply connection and sub board	Item	1		
	shed fitout	Item	1		
	IRRIGATION PIPING ICLUDING FITTINGS				
	160 DN PN 12.5	l/m	200		
	125 DN PN 12.5	l/m	1800		
	90 DN PN 12.5	l/m	1800		
	75 DN PN 12.5	l/m	900		
	63 DN PN 12.5	l/m	7200		
	40 DN PN 12.5	l/m	150		
	63 DN PN 10	l/m	1000		
	40 DN PN 10 PE	l/m	850		
	IRRIGATION CONTROL SYSTEM				
	Central control system with 5 year support	Item	1		
	Incoming surge and UPS	Item	1		
	Earthing grid at Central	Item	1		

Item No.	Description	Unit	Qty	Rate \$	Amount \$ (excluding GST)
	Infield surge protection units	each	93		
	2 Way decoder switches	allowance	20		
	3 Way decoder switches	allowance	5		
	VALVE INSTALLATION INCLUDING FITTINGS & MINOR PIPE WORK				
	150 DN Resilient seated gate valve	each	2		
	100 DN Resilient seated gate valve	each	10		
	80 DN Resilient seated gate valve	each	27		
	50 DN Ball valve	each	27		
	50 DN Air valve	each	5		
	50 DN Solenoid valve with decoder	each	1		
	40 DN Solenoid valve with decoder	each	21		
	25 DN quick coupling valve assembly	each	52		
	ELECTRICAL – Extra Low voltage Cable				
	Communication cable in 32 DN "B" MDPE conduit	l/m	16500		
	SPRINKLER / ASSEMBLIES VALVE IN HEAD				
	FLX356-316-56	each	15		
	FLX356-326-56	each	156		
	FLX356-338-56	each	106		
	FLX356-358-56	each	160		
	SPRINKLER ASSEMBLIES BLOCK				
	T5P	each	80		
	T7P	each	62		
A.3	OTHER				
	Supply and install turf underlay and Kikuyu turf rolls to areas disturbed by works	sq/m			
	Supply and install Vantage Pro 2 Weather station on a galvanised pole, return to base data collection	Item	1		
	Work as executed survey	Item	1		
	Testing and commissioning	Item	1		
	Trench maintenance (Visits x 3 month intervals and fertilising)	Item	4		
	Site restoration – as required	Item	1		
	<u>Under bore all</u> paved surfaces including paths etc.	Item			
	Other – Soil sensors Davis Remote data collection	Item	4		
	Service tools	Item	1		
	Spare parts	Item	1		

Item No.	Description	Unit	Qty	Rate \$	Amount \$ (excluding GST)
	Final testing and commissioning	Item	1		
	De-establishment of site	Item	1		
	Other – (General)	Item			
	Other - Miscellaneous	Item			
	Other	Item			
	SUBTOTAL (GST Excluded)				\$
	Quotation Lump Sum (GST Included)				\$

Item	Provisional Rate For All Locations	Unit	Qty	Rate \$	Amount \$
	Excavation in Rock, including disposal (M³)				
	Excavation & Disposal of Asbestos				
	Excavation & Disposal of Concrete, Brick, clay piping & Asphalt (M³)				
	Spoil Removal (Tipping Fees) (M³)				
	Under Boring hard paved surfaces				
	Service Repairs and relocation works				

SECTION 3 - SCHEDULE OF RATES, DAYWORK AND VARIATIONS

If daywork is ordered under the contract or variations are ordered for which the rates in the Schedule of Amounts are not, in the opinion of the Superintendent, applicable, the following rates and/or Amounts shall be used to assess the mount payable to the Contractor, all inclusive of direct costs on-costs described in (a) to (f) inclusive of Clause 40.3 of the General Conditions of Contract and an allowance for profit:

A - LABOUR

LABOUR	Single Time	1.5 Time	Double Time
Leading Hand tradesman	\$		
Tradesman	\$		
Plant operator	\$		
Leading Hand Labourer	\$		
Labourer	\$		
Concrete finisher	\$		
Steel fixer	\$		
Other:			
	\$		
	\$		
	\$		
	\$		

The value of work determined from the above rates shall be included in calculations of the effective value of the work when calculating cost adjustments (Rise/Fall) if the Contract sum is subject to adjustment. If the Contract sum is fixed (i.e. not subject to adjustment for Rise/Fall) the rates shown above shall be also fixed.

B - PLANT/EQUIPMENT

(Rates Exclusive of operators and support labour)
(Tenderer to nominate equipment proposed to use on site with corresponding rates)

•		PLANT/EQUI	• •			with correspon		·	
	F	LANT/EQUI	PIVIENT			Single Tim	е	Down Time	
1.					\$				
2.					\$				
3.					\$				
4.					\$				
5.					\$				
6.					\$				
7.					\$				
8.					\$				
9.					\$				
10.		ment brought t the cost rate					d not	listed above will	
	(Ter	nderer to nominate	e a commerc	ial plant/equip	ment hire f	irm or attach a list o	f interna	l cost rates)	
	plus a mark	-up		% to cove	er all Co	ntractor's on-c	osts, o	overheads and	
C - N	MATERIALS			•					
Mate up of		alued at the	net cost i	invoiced to	the Co	ntractor by the	suppl	lier plus a mark-	
up oi		% to cove	r all Contr	actor's on-	-costs (overheads and	profit		
			an conti	40101 0 011	00010, (overneade and	pront	•	
D - V	VORK BY SUI	BCONTRAC	TORS						
Work the	k carried out by	y Sub-contra	ctors sha	ll be value	d at the	net cost invoic	ed to	the Contractor by	y
Sub- of	contractor plus	s a mark-up		% to co	ver all (Contractor's on	-costs	s, overheads and	
abov empl abov	re shall apply loyed on the	as set out h work for who d by agreem	erein. Tom a rate ent with the	he Tender e is not st	er furth ated at	by the Princip ner agrees that pove a corresp t or, failing agr	t if an oondin	y workman is ng rate shown	
	itialled by enderer :								

Cumberland Council Woodville Golf Course Irrigation Project TENDER No. T-2018-053

APPENDICES TO TENDER FORMS

Schedules, standard forms and other documents are provided in these appendices of the information of Tenderers and for use in the administration of the Contract as referred to herein.

APPENDIX I - SCHEDULE OF QUANTITIES

Attention is drawn to the requirements of the Contract regarding the way in which the various items shall be deemed to include for direct and indirect costs, overheads and profits.

The Tenderer is required to take off all quantities from the drawings and other documents provided when completing the Schedule of Amounts in the Tender Forms.

Quantities shown by the Principal in this Appendix are provisional estimates only, provided for the sole purpose of indicating to tenderers the Principal's understanding of the extent of work involved and the items proposed for assessing progress.

Item	Description	Unit	Qty
No.			
WOOD	VILLE GOLF COURSE IRRIGATION PROJECT	RAINBIRD	
A.1	SITE ESTABLISHMENT & ADMINISTRATION		
	Site establishment / site set out / de-establishment	Item	1
	Principal contractor to plan, manage, monitor WH&S during construction phases	Item	1
	Services investigation and locating	Item	1
	Project management plan	Item	1
	Site specific safety plan	Item	1
	Program	Item	1
A.2	PUMP INSTALLATION & ASSOCIATED WORKS		
	Pump Controller	Item	1
	Interface to irrigation controller	Item	1
	Irrigation pump set	Item	1
	Flow sensor	Item	1
	150 DN pressure sustaining valve	Item	1
	160 DN x 24 m PN 12.5 suction line with floats and foot valve	Item	1
	level transducer assembly	Item	1
	Demolition and disposal of existing pump shed	Item	1
	4 x 4 m colorbond shed	Item	1
	including power supply connection and sub board	Item	1
	shed fitout	Item	1
	IRRIGATION PIPING ICLUDING FITTINGS		
	160 DN PN 12.5	l/m	200
	125 DN PN 12.5	l/m	1800
	90 DN PN 12.5	l/m	1800
	75 DN PN 12.5	l/m	900
	63 DN PN 12.5	l/m	7200
	40 DN PN 12.5	l/m	150
	63 DN PN 10	l/m	1000
	40 DN PN 10 PE	1/m	850
	IRRIGATION CONTROL SYSTEM		
	Central control system with 5 year support	Item	1
	Incoming surge and UPS	Item	1
	Earthing grid at Central	item	1
	Infield surge protection units	each	93

Item	Description	Unit	Qty
No.			
	2 Way decoder switches	allowance	20
	3 Way decoder switches	allowance	5
	VALVE INSTALLATION INCLUDING FITTINGS & MINOR PIPE WORK		
	150 DN Resilient seated gate valve	each	2
	100 DN Resilient seated gate valve	each	10
	80 DN Resilient seated gate valve	each	27
	50 DN Ball valve	each	27
	50 DN Air valve	each	5
	50 DN Solenoid valve with decoder	each	1
	40 DN Solenoid valve with decoder	each	21
	25 DN quick coupling valve assembly	each	52
	ELECTRICAL – Extra Low voltage Cable		
	Communication cable in 32 DN "B" MDPE conduit	l/m	16500
	SPRINKLER / ASSEMBLIES VALVE IN HEAD		
	A-751-E-70-28	each	15
	A-751-E-70-28	each	156
	A-751-E-80-40	each	106
	A-751-E-80-44	each	160
	SPRINKLER ASSEMBLIES BLOCK		
	5000	each	80
	6504	each	62
A.3	OTHER		
	Supply and install turf underlay and Kikuyu turf rolls to areas disturbed by works	sq/m	
	Supply and install Vantage Pro 2 Weather station on a galvanised pole, return to base data collection	Item	1
	Work as executed survey	Item	1
	Testing and commissioning	Item	1
	Trench maintenance (Visits x 3 month intervals)	Item	4
	Site restoration – as required	Item	1
	<u>Under bore all</u> paved surfaces including paths etc.	Item	
	Other – Soil sensors Davis Remote data collection	Item	4
	Service tools	Item	1
	Spare parts	Item	1
	Final testing and commissioning	Item	1

Item No.	Description	Unit	Qty
	De-establishment of site	Item	1
	Other – (General)	Item	
	Other - Miscellaneous	Item	
	Other	Item	

Item	Description	Unit	Qty
No.			
WOOD	VILLE GOLF COURSE IRRIGATION PROJECT	TORO	
A.1	SITE ESTABLISHMENT & ADMINISTRATION		
	Site establishment / site set out / de-establishment	Item	1
	Principal contractor to plan, manage, monitor WH&S during construction phases	Item	1
	Services investigation and locating	Item	1
	Project management plan	Item	1
	Site specific safety plan	Item	1
	Program	Item	1
A.2	PUMP INSTALLATION & ASSOCIATED WORKS		
	Pump Controller	Item	1
	Interface to irrigation controller	Item	1
	Irrigation pump set	Item	1
	Flow sensor	Item	1
	150 DN pressure sustaining valve	Item	1
	160 DN x 24 m PN 12.5 suction line with floats and foot valve	Item	1
	level transducer assembly	Item	1
	Demolition and disposal of existing pump shed	Item	1
	4 x 4 m colorbond shed	Item	1
	including power supply connection and sub board	Item	1
	shed fitout	Item	1
	IRRIGATION PIPING ICLUDING FITTINGS		
	160 DN PN 12.5	l/m	200
	125 DN PN 12.5	1/m	1800
	90 DN PN 12.5	1/m	1800
	75 DN PN 12.5	l/m	900
	63 DN PN 12.5	l/m	7200
	40 DN PN 12.5	l/m	150
	63 DN PN 10	l/m	1000
	40 DN PN 10 PE	l/m	850
	IRRIGATION CONTROL SYSTEM		
	Central control system with 5 year support	Item	1
	Incoming surge and UPS	Item	1
	Earthing grid at Central	item	1
	Infield surge protection units	each	93

Item	Description	Unit	Qty
No.			
	2 Way decoder switches	allowance	20
	3 Way decoder switches	allowance	5
	Valve installation including fittings & minor pipe work		
	150 DN Resilient seated gate valve	each	2
	100 DN Resilient seated gate valve	each	10
	80 DN Resilient seated gate valve	each	27
	50 DN Ball valve	each	27
	50 DN Air valve	each	5
	50 DN Solenoid valve with decoder	each	1
	40 DN Solenoid valve with decoder	each	21
	25 DN quick coupling valve assembly	each	52
	ELECTRICAL – Extra Low voltage Cable		
	Communication cable in 32 DN "B" MDPE conduit	l/m	16500
	SPRINKLER / ASSEMBLIES VALVE IN HEAD		
	A-751-E-70-28	each	15
	A-751-E-70-28	each	156
	A-751-E-80-40	each	106
	A-751-E-80-44	each	160
	SPRINKLER ASSEMBLIES BLOCK		
	5000	each	80
	6504	each	62
A.3	OTHER		
	Supply and install turf underlay and Kikuyu turf rolls to areas disturbed by works	sq/m	
	Supply and install Vantage Pro 2 Weather station on a galvanised pole, return to base data collection	Item	1
	Work as executed survey	Item	1
	Testing and commissioning	Item	1
	Trench maintenance (Visits x 3 month intervals)	Item	4
	Site restoration – as required	Item	1
	<u>Under bore all</u> paved surfaces including paths etc.	Item	
	Other – Soil sensors Davis Remote data collection	Item	4
	Service tools	Item	1
	Spare parts	Item	1
	Final testing and commissioning	Item	1
	De-establishment of site	Item	1

Item No.	Description	Unit	Qty
	Other – (General)	Item	
	Other - Miscellaneous	Item	
	Other	Item	

ATTACHMENTS

- General Requirements
 General Specifications
 Design Drawings Woodville Golf Course