



agriculture & rural development

Department:
agriculture
& rural development
PROVINCE OF KWAZULU-NATAL

INVITATION OF QUOTATION ABOVE R30,000.00

THIS FORM SHOULD BE COMPLETED IN DETAIL AND SHOULD BE ACCOMPANIED BY A **VALID TAX COMPLIANCE STATUS PIN AND VALID BBBEE VERIFICATION CERTIFICATE/AFFIDAVIT**

QUOTATION NUMBER: R/S/1819/1258	VALIDITY PERIOD OF QUOTATION..... Days (To be completed by the Supplier)
CLOSING DATE: 08/11/2019	CLOSING TIME: 11H00
DESCRIPTION(SPECIFICATION/S) OF ITEMS/ SERVICE REQUIRED: COMPULSORY SITE BRIEFING: Required Service provider to repair water reticulation TECHNICAL ENQUIRES: MR P.VILJOEN. DATE : 29/10/2019 VENUE : 1 CEDARA ROAD, CEDARA COLLEGE. TIME : 09H00	COMPANY NAME: _____ TEL NO: _____ E-MAIL : _____ CONTACT PERSON: CSD REG NO MAAA.....
DOES OFFER COMPLY WITH SPECIFICATION?	YES/NO (DELETE WHICH EVER IS NOT APPLICABLE)
DOES ARTICLE COMPLY WITH SABS SPECIFICATION? HAS IT BEEN INSPECTED BY SABS?	YES/NO YES/NO (DELETE WHICH EVER IS NOT APPLICABLE)
DELIVERY PERIOD AFTER INITIAL ORDER?	
IS THE PRICE FIRM?	
WHERE ARE THE STOCK HELD? (PHYSICAL ADDRESS , PLEASE)	
QUOTATION PRICE INCLUDING VAT (VAT TO BE ADDED BY REGISTERED VAT VENDORS ONLY)	TOTAL: R
COMPANY OFFICIAL STAMP (COMPULSORY)	SIGNATURE OF BIDDER DATE
NUMBER OF PAGES DEPOSITED BACK TO THE DEPARTMENT TENDER BOX BY THE SUPPLIER(Supplier to complete)

**NB: QUOTATION FOR THE ATTENTION OF: Ntuthuko Hlengwa@033 343 8367
Nelly Shange@033 343 8376**

THE ATTACHED SBD4 & SBD9 FORMS MUST BE COMPLETED IN FULL.
THIS REQUEST FOR QUOTATION (RFQ) MUST BE COMPLETED AND RETURNED WITH ALL YOUR QUOTATION DOCUMENTS.

QUOTATIONS MUST BE DEPOSITED IN THE BID BOX SITUATED AT: THE DEPARTMENT OF AGRICULTURE & RURAL DEVELOPMENT: SOUTH SERVICE CENTRE: 4 PIN OAK AVENUE, HILTON.

COMPANY NAME :
 E-MAIL ADDRESS :
 CONTACT PERSON :
 CONTACT NUMBER :
 FAX NUMBER :

LINE NO.	DESCRIPTION OR SPECIFICATION OF ITEM	REQU IRED QUAN TITY	UNIT PRICE EXCL. VAT		TOTAL PRICE	
			R	C	R	C
1	Repair water reticulation at the "Back -of-Farm " at Cedara College as per the attached specifications	1				
* LABOUR (IF APPLICABLE)						
*DELIVERY (IF APPLICABLE)						
TOTAL						
*ONLY APPLICABLE TO VAT REGISTERED SUPPLIERS 15% VAT						
TOTAL PRICE						

*VAT Registration No. (Supplier) -----
 When Required (Requester) : 5 SEPTEMBER 2019
 Where Required (Requester): Pierre Viljoen- Cedara College
 Contact details of requester: pierre.viljoen@kzndard.gov.za
 TEL : 082 0910252

COMPANY STAMP PRICES ARE VALID FOR Mark one Box (X) 30 60 90 DAYS

SIGNATURE
 DATE

**APPOINTMENT OF A SERVICE PROVIDER FOR THE
REFURBISHMENT OF CEDARA COLLEGE – “BACK OF FARM”
STOCK WATERING SYSTEM FOR DEPARTMENT AGRICULTURE
AND RURAL DEVELOPMENT, CEDARA**

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A | TERMS OF REFERENCE

APPOINTMENT OF A SERVICE PROVIDER FOR THE REFURBISHMENT OF CEDARA COLLEGE – “BACK OF FARM” STOCK WATERING SYSTEM DEPARTMENT AGRICULTURE AND RURAL DEVELOPMENT, CEDARA

1. BACKGROUND

- 1.1. Cedara College of Agriculture based at the Head Office of the KZN Department of Agriculture and Rural Development situated at Cedara. The existing stock watering system was installed during 2008. However over time this system has fallen into disrepair and needs refurbishment, too become once more functional. The Department is looking to secure the services of a competent contractor registered with CIDB, with minimum designation of ~~3~~ **3CE/SH/1**, to effect the proposed works.

2. SCOPE OF SERVICES

2.1. Refurbishment of the existing Climax 8 Windmill.

- 2.1.1 Remove existing concrete base, drum casing and base plate
Might require removal of the windmill tower structure - Tenderer to confirm
- 2.1.2 Supply & install new drum casing, concrete base and base plate plus fittings
Concrete mix to be 1 cement, 3 sand, 3 stone ($\pm 13\text{mm}$)
- 2.1.3 Secure base plate and drum casing
- 2.1.4 Supply & install new well seal
- 2.1.5 Remove existing submersible pump, strainer, cylinder check valve, cylinder pipes, cylinder plunger, pump rods & drop pipe
Check existing casing quality, and replace if required after evaluation.
- 2.1.6 Supply & install new submersible pump (similar or equivalent to submersible pump which was removed)
- 2.1.7 Supply & install new strainer, cylinder check valve, cylinder pipes, cylinder plunger, pump rods & drop pipe (similar or equivalent to those removed)
- 2.1.8 Supply & install new braking system on windmill
- 2.1.9 Supply & install new wood rod & pump head rods
- 2.1.10 Service existing windmill head & gear box
Replace with new similar windmill head & gear box, if deemed necessary after evaluation
- 2.1.11 If, yes in 1.1, then repositioning of windmill tower structure will be considered
- 2.1.12 Test and commission windmill operation, by pumping water into the existing concrete reservoir

2.2. Supply new portable petrol pump unit.

- 2.2.1 Supply new portable petrol pump unit, on suitable trolley (wheelbarrow)
H = $\pm 32\text{m}$ Q = ± 220 litres per minute
- 2.2.2 Supply & install 10m heavy duty 2" suction pipe, quick coupling ($\pm 50\text{mm}\varnothing$) and non-return valve/strainer plus fittings to connect to portable pump unit
- 2.2.3 Supply & install 10m heavy duty 2" delivery pipe, quick coupling ($\pm 50\text{mm}\varnothing$) plus fittings to connect to existing windmill base plate
- 2.2.4 Test and commission portable pump unit operation, by pumping water from windmill site into the existing concrete reservoir

2.3. Refurbishment of existing concrete reservoir

H = 1.5m D = 7.5m Ø

- 2.3.1 Prepare existing concrete reservoir for sealing, by removing of brush & debris
- 2.3.2 Supply & install Polyester (Rubber) liner, suitably secured to outside of the concrete wall
OR
Gunnite / Fibreglass sealer applied to concrete reservoir
(Tenderer to check for cheapest sustainable option)
- 2.3.3 Connect existing concrete reservoir to outlet at base plus the existing 50mm Ø HDPE supply pipeline
- 2.3.4 Test and commission existing concrete reservoir (sealed), by filling with water (allowing to stand for 3 days to check for leaks). Then releasing the water through the existing pipe network to the water troughs and the newly installed polyethylene water tank at the Cattle Handling Facility

2.4. Refurbishment of existing concrete water troughs, as indicated on Annexure A

- 2.4.1 NT1 - Supply & install new float ball valve plus fittings
- 2.4.2 NT2 - Supply & install new float ball valve plus fittings & basin plug
- 2.4.3 NT4 - Supply & install 15mm Ø × 1m galvanised pipe plus fittings to connecting to existing 25mm Ø HDPE supply pipe
- 2.4.4 Test and commission water flow into troughs

2.5. Refurbishment of existing brick water troughs, as indicated on Annexure A

- 2.5.1 ET1 – Supply & install new precast concrete lid plus float ball valve & fittings. Supply line is exposed, so must be checked for leaks, if damaged then repaired and then suitable backfilled.
- 2.5.2 ET2 – Supply & install new precast concrete lid
- 2.5.3 ET3 – Supply & install new concrete lid plus float ball valve & fittings
- 2.5.4 Supply pipeline (25mm Ø) to ET2 & ET3 is exposed, so must be checked for leaks, if damaged then repaired and then suitably backfilled over a distance of ± 100m.
- 2.5.5 ET4 – Supply & install new precast concrete lid
- 2.5.6 Test and commission water flow to existing brick water troughs

2.6. Supply & install new ± 500 liter concrete water troughs, as indicated on Annexure A

- 2.6.1 Supply & install new concrete water troughs and all necessary fittings ie. Ball valve, 15mmØ by 1m galvanized steel pipe plus fittings & lids
- 2.6.2 Supply & install suitable concrete footings for the water troughs
- 2.6.3 Existing 25mmØ HDPE pipe is laid, but is not visible. So detection of pipe is required for positions of installation of water troughs.
- 2.6.4 Test and commission water flow to new troughs

2.7 Supply and install new polyethylene water storage tank at Cattle Handling Facility

- 2.7.1 Supply & install 5000 liter polyethylene water tank on roof top of existing building
Suitably secure the water tank on roof top of building
- 2.7.2 Supply & install 50mm Ø HDPE pipe & fittings to connect to existing supply and delivery pipelines to polyethylene tank
- 2.7.3 Supply & install float ball valve inside of 5000 liter polyethylene water tank to regulate the flow in
- 2.7.4 Test and commission water flow into the polyethylene tank and to nearby water troughs

2.8 Supply and install 3 polyethylene water troughs

- 2.8.1 Supply & install 3 new polyethylene water troughs (\pm 250 litres) in the holding camps at the Cattle Handling Facility, fitted float ball valve
Position of the water troughs to be identified during Site Briefing
- 2.8.2 Supply & install 25mm \varnothing HDPE pipe [100m] & fittings to connect to existing delivery pipelines
Trench \pm 100m (depth minimum 300mm), lay 25mm \varnothing pipe and backfill with suitable material
- 2.8.3 Test and commission water flow from polyethylene 5000 litre water tank to the connected \pm 250 litre water troughs

2.9 Fault detection of total system

- 2.9.1 Fault detection of the total system, **before refurbishment begins**, and add to items already listed for refurbishment and/or replacement.
- 2.9.2 Fault detection of the total system, **during refurbishment**, and **repair and replace with similar material**.
- 2.9.3 The whole system to be tested and commissioned will be viewed as "practical completion".

3. SITE LOCATION

- 3.1 The site is situated in the UMgungundlovu District Municipality, approximately 15km north of Pietermaritzburg.

3.1.1 Site Coordinates: 29°34'32.5"S 30°14'56.2"E

B | SPECIAL CONDITIONS

1. BASIS OF QUANTITIES

- 1.1 The Scope of Works, Specifications and Bills of Quantities governing the works are as per Annexure B (Pricing Schedule), as well as the one map layout listed under the Project Technical Specifications, form the basis of all work to be done.

2. COMPETENCY OF THE SERVICE PROVIDER

- 2.1. This quote is open for contractors with a Construction Industry Development Board (CIDB) data base grading of minimum ~~2-CB-GE~~. The Contractor is to submit evidence of his/her **OWN** Active registration.
1 CE/SH

3. COMPULSORY SITE BRIEFING

- 3.1 A compulsory site-briefing meeting will be held with prospective Service Providers. Attendance at the meeting will be compulsory and non-attendance shall invalidate the quote. The date and time of the meeting will be published in the Bid Advertisement or, in the case of a quote, be communicated when the prospective Service Providers are invited to quote.

4. INVOICES

- 4.1 All invoices submitted by the Contractor must be Tax Invoices indicating for what part of the scope of works payment is claimed.
- 4.2 A tax invoice shall be in the currency of the Republic of South Africa and shall contain the following particulars:
- 4.2.1. The name, address and registration number of the supplier;
 - 4.2.2. The name and address of the recipient;
 - 4.2.3. An individual serialized number and the date upon which the tax invoice is issued;
 - 4.2.4. A description of the goods or services supplied;
 - 4.2.5. The quantity or volume of the goods or services supplied;

5. IRREGULARITIES

- 5.1 Companies are encouraged to advise the Department timeously of any possible irregularities which might come to their notice in connection with this or other contracts.

6. PAYMENT FOR SUPPLIES AND SERVICES

- 6.1 A contractor shall be paid by the Department in accordance with supplies delivered and services rendered.
- 6.2 Any query concerning the non-payment of accounts must be directed to the Department. The following protocol shall apply if accounts are queried:
- 6.2.1 Contact must be made with the Cedara College, Finance Section;
 - 6.2.2 If there is no response from Cedara College, the Departmental Director: Finance must be contacted;
- 6.3 Information as contained on the Central Suppliers Database must be valid/correct. Non-compliance with Tax Requirements shall affect payment.

7. PERIOD OF CONTRACT

7.1 The contract is ad hoc / once off. As for the completion period, see section 40.

8. QUALITY CONTROL/ TESTING OF PRODUCTS

- 8.1 The Department reserves the right to inspect and verify the quality and specifications of the supplied materials and equipment, as well as other items listed on the Bill of Quantities, **before** construction and/or installation. In case of deviations in terms of dimensions, strength, numbers or otherwise, the Contractor shall replace these goods for the correct ones at his/her own expense.
- 8.2 The same replacement obligation to the Contractor would apply during the entire construction period.
- 8.3 In the case of sustained or repeated non-adherence to the specifications of the materials and/or equipment, as well as in the case of general negligence during the implementation process, the contract may be cancelled. The Department will in such cases seek compensation from the contractor for the estimated costs for completion.
- 8.4 In cases of deliberate negligence or unwillingness to adhere to the Departmental specifications, the Service Provider will be reported to the Provincial and/or National Treasury for listing on the restricted section of the Central Suppliers database.

9. ORDER OF PRECEDENCE

- 9.1 This invitation to bid/quote is issued in accordance with the provisions of the Public Finance Management Act (PFMA), Chapter 16 A of the Treasury Regulations and shall be subject to the provisions of the National Treasury Government Procurement General Conditions of Contract (July 2010). The Special Terms and Conditions are supplementary to that of the General Conditions of Contract. Where, however, the special terms and conditions are in conflict with the General Conditions of Contract, the Special Terms and Conditions shall prevail.

10. SUPPLIERS DATABASE REGISTRATION

- 10.1 A service provider submitting an offer must be registered on the Central Suppliers Database at National Treasury. A potential service provider who has submitted a quote is not registered on the Central Suppliers Database shall not be considered at the time of award. No pending registrations shall be considered.
- 10.2 A Joint Venture/Consortium must be registered on the Central Suppliers Database at the time of submitting the bid.
NB: If a service provider is found to be employed by the State and is on the Central Suppliers database, the service provider shall be disqualified.

11. TAX AND DUTIES

- 11.1 During the quotation stage, prices offered and paid must include all customs, excise and import duties, and any other tariffs or taxes levied by the government or statutory body having jurisdiction on the goods provided under this contract, including Value Added Tax (applicable at the current rate).

12. TAX COMPLIANCE PIN

- 12.1 The service provider must submit a valid Tax Compliance Pin with the bid. Service providers should note that their tax compliance status shall be verified through the Central Supplier Database and SARS.
- 12.2 Where a Tax Compliance Pin is not submitted with the quote, the Department shall use the Central Supplier Database to verify the tax matters of the service provider.

13. UNSATISFACTORY PERFORMANCE

- 13.1. Unsatisfactory performance occurs when performance is not in accordance with the contract conditions.
- 13.2. The Departmental official monitoring the implementation shall first warn the contractor verbally about his/her underperformance in terms of completion rate, quality of the work or quality or specifications of materials as part of a site instruction. After that, in the absence of sufficient improvements, the contractor shall be warned in writing that action shall be taken in accordance with the contract conditions unless the contractor complies with the contract conditions and delivers satisfactory supplies or services within a specified reasonable time (7 days minimum).
- 13.3. If the Contractor fails to commence the Works or to proceed with and complete the Works in compliance with the projected timeframes, the Head of Department or his/her representative shall take action in terms of its his/her delegated powers and adopt and exercise one of the following courses wholly or partly, viz: -
 - 13.3.1. To direct the Contractor, in writing, on any day named therein to suspend and discontinue the execution of the Works, and to withdraw himself and his workmen from the said Site or Sites,
 - 13.3.2. To make a recommendation to the Accounting Officer for cancellation of the contract concerned.
 - 13.3.3. To Contract or Contracts by calling for Bids or otherwise with any other Contractor or Contractors for the completion of the Works, or any part thereof, at such times and upon such terms as to the Department shall deem best.
- 13.4. In relation to the foregoing provisions the Department shall charge any sums of money which may be paid by the Department for completing the said Contract against the Contractor and if such amount shall exceed this Contract, then the Department shall have the right to recover such excess or any balance thereof from the Contractor by legal proceedings.
- 13.5. When correspondence is addressed to the contractor, reference shall be made to the contract number/ item number/s and an explanation of the complaint.

14. VALIDITY PERIOD OF QUOTE

- 14.1 The validity (binding) period for the quote shall be 60 days from the deadline for the submission of quotes. However, circumstances may arise whereby the Department needs to extend the validity period. Should this occur, the Department shall formally request those who submitted quotes service providers to extend the validity (binding) period under the same terms and conditions as originally offered for by service providers. This request shall be done before the expiry of the original validity (binding) period.

15. VALUE ADDED TAX (VAT)

- 15.1 Quotes must be inclusive of 15% VAT.
- 15.2 Service providers who make taxable supplies in excess of R1 million in any 12-month consecutive period are liable for compulsory VAT registration, but a person may also choose to register voluntarily provided that the minimum threshold of R50 000 (as of 1 March 2010) has been exceeded in the past 12-month period. Service providers who meet the above requirement must register as VAT vendors, if successful, within one month of award of the bid.
- 15.3 For the purpose of calculating preference points, VAT shall not be considered during the quotation process.

16. SERVICE LEVEL AGREEMENT

- 16.1 The successful Service provider and the Department will sign a Service Level Agreement (SLA) prior to commencement of works. A proposed schedule of works must be provided by the Contractor for the approval of the Department Representative (Engineer) within two weeks of receiving notification of the award of the contract.
- 16.2 The Special Terms and Conditions (STC), the Standard Technical Specifications (STS), the Bill of Quantities and Specifications as contained in the Pricing schedules, together with the Drawings, are deemed to form part of the SLA.

17. COMMENCEMENT OF THE WORK

- 17.1. Site establishment must start within two (2) weeks, and the actual works within three weeks after hand-over of the site, provided that;
 - 17.1.1. An official order has been issued;
 - 17.1.2. The contractor is in possession of all relevant documentation required for works execution;
 - 17.1.3. No exceptional circumstances such as inclement weather or other outside the control of either party to the contract prevail.
- 17.2. In case work has not commenced within three (3) weeks of the site hand-over and no attenuating circumstances for the delay can be provided, the Department reserves itself the right to cancel the contract.

18. HANDOVER OF SITE TO CONTRACTOR

- 18.1. The Department will organize a site hand-over to the Contractor who will then be introduced to the project stakeholders and participants.
- 18.2. The site will be handed back at works completion after a final inspection by the Departmental Representative (Engineer) revealed no outstanding patent defects.
- 18.3. The Contractor will control the site for the contract duration. Only the Contractor's own employees, Contractor's local labour and Departmental Representatives will be allowed on site.
- 18.4. The Contractor is responsible in the administration, control and security on the site at all times during the contract duration.

19. WATER AND POWER

- 19.1. The Contractor shall make the necessary arrangements for the provision of any water and power. No payment will be made for the provision or use of these services and the cost of these shall be included in the Bid/quoted amount.

20. LOCATION OF CAMP

- 20.1. The Contractor's camp may only be erected on the Cedara farm, after arrangements have been formalized with the Cedara Farm Manager.
- 20.2. No persons other than a night watchman may sleep in the camp, without the approval of the Farm Manager

21. HOUSING OF CONTRACTOR'S EMPLOYEES

- 21.1. The Contractor shall make his own arrangement for housing, payment and feeding his employees and transporting them to and from the site.
- 21.2. The Contractor is in all respects responsible for the housing and transporting of his employees, and for the arrangement thereof, and no extension of time due to any delays resulting from this, will be granted.

22. LABOUR SOURCE & CAPACITY

- 22.1. The Contractor will be required to satisfy the Department that a sufficient and experienced labor force is employed or that sufficient experienced labour can be acquired to complete the services and produce an acceptable quality of workmanship.
- 22.2. The Contractor is encouraged to source unskilled labour from the area around Cedara farm. The Contractor may negotiate with the participants in this regard to establish all the conditions for the utilization of the local labour.
- 22.3. The Contractor will be responsible for all hiring, payment, housing and transport of all labour used for the duration of the contract.

23. SECURITY & RISK

- 23.1. No one shall be allowed on the construction site after normal working hours except for the necessary security personnel.
- 23.2. The Contractor shall also be responsible for safeguarding all plants, machinery, equipment and materials on site. The Department Representative (Engineer) shall not be responsible for any lost, damaged or stolen property or materials. Should any of these situations arise, no allocations will be made in terms of finances or time.

24. MATERIALS: DELIVERY, ON & OFF-LOADING, STORAGE & RESPONSIBILITY

- 24.1. The Contractor shall be responsible for the safe delivery, loading, off-loading, handling and storage of any equipment and materials on site.
- 24.2. All equipment, materials and plant stored on site must be suitably protected against damage or loss by theft or otherwise.
- 24.3. The Contractor shall remain fully responsible for all material and plant etc. until the completed works are handed over and have been officially accepted by the Department.

25. EXISTING ROADS, MUNICIPAL PAVEMENTS, ETC.

- 25.1. The Contractor is advised that he will be held responsible for any damage to the existing paving, roads, municipal pavements, fences, boundary walls, etc., and will have to repair such damage at his expense.

26. DAMAGE TO PROPERTY

- 26.1. If the Contractor or his/her employees, while engaged in the execution of the contract, shall break, deface, injure, destroy or allow to fall into disrepair any part of the Works or property belonging to the Department, or any private property including: buildings, paving, roads, fences, walls or grounds contiguous to the premises of the Department on which he or they may be employed, the Contractor will be required to repair, in a perfect and workmanlike manner, at own expense all damage to the approval of the Department. The Completion Certificate will not be issued until the Department is satisfied that all necessary remedial work has been satisfactorily completed
- 26.2. The Contractor shall take every precaution against damage or nuisance being caused by dust , both to the properties of the Employer and all surrounding properties and shall indemnify the Employer against any claim that might arise there from.

27. UNDERGROUND CABLES AND PIPES

- 27.1. If such services are discovered, immediate notification must be made to the Cedara Farm Manager and all work in the vicinity of such cables, pipes, etc., shall cease until safe to proceed.
- 27.2. Should the Contractor damage underground cable or pipes, such damage shall be repaired as soon and safely as possible by the Contractor.

27.3. The cost of making good such damage will be met by the Contractor as this must be covered by the Contractor's works insurance.

28. DAILY RAINFALL RECORDS

28.1. Submission of rainfall figures is required for the granting of permission of extending the contract period on the basis of inclement weather. If none are kept, the Department Representative (Engineer) is under no obligation to grant extension of the completion period for inclement weather.

29. INSPECTION OF WORK

29.1. The Departmental Representative (Engineer) may at all reasonable times have access to the site where work is being executed for inspection purposes.

29.2. The Department Representative (Engineer) may request that evidence of the quality or strength of any materials be supplied by the Contractor wherever necessary.

30. NOTICE OF COVERING WORK

30.1. The Contractor shall give due notice to the Departmental Representative (Engineer) whenever any work or materials are intended to be covered in with earth or otherwise in order that their correct dimensions and quality may be ascertained before being covered.

30.2. If any such work or materials are covered without such notice having been given, the work or materials shall be uncovered at the Contractor's expense on instructions given by the Departmental Representative (Engineer).

31. SUB-CONTRACTED WORK

31.1. The Contractor shall not sub-contract the entire contract

31.2. Sub-contracting shall not relieve the Contractor from any liability or obligation under the contract and his/her shall be liable for the acts, defaults and neglects of any sub-contractor, his/her agent or employees as fully as if they were the acts, defaults or neglects of the contractor, his agents or employees.

32. INSURANCE

32.1. All accepted approved Contractors would be required to provide the following insurances for the project awarded to them:

32.1.1. Insurance against damage, destruction or loss to 50% of the value of the contract.

32.1.2. Public Liability insurance.

32.1.3. All risks (works) policy and Political.

33. PROTECTION OF THE PUBLIC

33.1. The Contractor shall be responsible for the protection of the public in terms of the Occupational Health and Safety Act, 1993 (Act No. 85 of 1993). The Contractor shall pay particular attention to watching and warning lighting and must provide any necessary barriers, etc., required for the protection of the public in terms of the Act.

34. INJURY TO PERSONS

34.1. The Contractor shall be liable for and shall indemnify the Department in respect of any liability, loss, claim or proceedings whatsoever, whether arising in Common Law or by Statute in respect of personal injuries to or death of any person whomsoever arising out of or in the course of or caused by the execution of the Works.

35. DISAGREEMENTS

- 35.1. Notice of disagreement. The Contractor has the right by written notice to the Department Representative (Engineer) to require him to consider any disagreement which he raises with the Department Representative (Engineer) provided the said written notice shall be given within 14 days after the cause of disagreement has arisen.
- 35.2. Ruling on disagreements. The Department Representative (Engineer) shall give a ruling on the disagreement in writing to the Contractor no later than 14 days after his receipt of a written request from the Contractor requiring him to do so. The Department Representative (Engineer) shall provide such a ruling with as little delay as possible. During the response time the Contractor shall not alter the status of the works under contention.

36. FIXED PRICE CONTRACT

- 36.1. The contract shall **not** be subject to contract price adjustment.

37. PRICING - COMPLETENESS OF BID

- 37.1. Service providers are required to submit quotes for all services, works and materials as specified in the pricing schedule. This includes those additional items that are not listed in the original pricing schedule but may be pointed out as required at the bid briefing. If he/she does not bid on all items, his/her bid will be rejected.
- 37.2. All quoted prices for separate items are to be in South African currency and must **exclude** VAT.
- 37.3. All items as described in the project specification are to be priced in full.
- 37.4. Transport/Delivery costs must be included in the pricing if the Pricing Schedule does not list them separately.
- 37.5. VAT must be filled in as the Sub total followed by the complete price for the entire project.
- 37.6. The quote page must be signed by a person legally authorized to do so.

38. QUANTITIES OF WORK

- 38.1. The Contractor shall receive payment only for the works actually executed and approved by the Department Representative (Engineer).

39. PROGRESS PAYMENTS

- 39.1. Payment shall only be made for claims that are commensurate with the works actually executed and complete.
- 39.2. Payment will only be made against the construction progress as pertaining to **built /installed** items. Movable items and materials on site are generally excluded from progress payments until they have been fully installed or fitted or built up.
- 39.3. If any item or part of an item in an invoice is disputed by the Department Representative (Engineer), the Department Representative (Engineer) shall give notice of such with reasons.
- 39.4. The Department Representative (Engineer) may elect to use a payment schedule that apportions a weighting for the various work phases, in those cases where the actual pricing schedule is not available or lacks balance.
- 39.5. The Contractor shall be paid in up to a maximum of five (5) part payments. The Contractor is strongly advised to request five payments when being notified by SCM of him/her being awarded the contract.
- 39.6. Part payments will be made after the Department Representative (Engineer) has approved the work and will be made in accordance with the Retention clause (41).

39.7. The penultimate payment occurs after practical works completion. The final payment will be made after expiry of the 6 months guarantee/liability period.

40. COMPLETION OF THE WORKS

40.1. Work completion will be established over three stages, in line with the JBCC.

40.1.3 Practical completion

This is defined as the stage when the works are found to be substantially complete and can be used for the purposes intended. This assessment will be solely made by the Departmental Representative (Engineer). When the Contractor thinks he has completed the works, an inspection will be made by the Departmental Representative (Engineer) who will draw up a list of patent defects, commonly known as a "snag list", if any. *Patent defects* are defects that are visible or discoverable upon an ordinary and proper inspection.

40.1.2 Works completion

This stage will be reached after the Contractor has, to the sole assessment of the Departmental Representative (Engineer), fixed all defects listed on the snag list. It is at works completion that the Contractor will be paid out 50% of his/her retention money.

40.1.3 Final completion

Final Completion occurs 6 months after Works completion, after expiry of the liability period.

41. RETENTION

41.1. A 10% retention will be withheld on payment for duration of the construction.

41.2. The Department will pay out half of this retention, or 5% of the bid value as part of the second last payment at **practical completion** of the works. The remainder, *viz* 5%, will be paid out at **final completion** after expiry of the defect liability period (6 months after practical completion), the service provider having eliminated all defects.

41.3. In some instances, the Departmental Representative (Engineer) may decide to shorten this period order to allow all payments to be completed within the financial year. However, this is **not** a given and the Contractor will be notified during the course of the construction if such would be the case.

42. DEFECT LIABILITY PERIOD

42.1. The defect liability period is 6 calendar months calculated from the date of Practical Completion.

42.2. The contractor shall unconditionally guarantee all materials, workmanship related to the works for that period. The guarantee shall cover any defects due to inferior materials and/or workmanship of the Contractor, or any of his sub-contractors, fair wear and tear excepted. The Contractor shall repair, remedy or replace any such defects, part or complete works without delay and at his own cost.

43. CONTINGENCIES

43.1. An amount of 10% of the subtotal for all materials, equipment and services has been set aside for Contingencies. This allowance will only be accessed for unforeseen additional expenditure not covered in the contract and must be approved by the Departmental Representative (Engineer) before the expenditure is incurred. Such approval must be in line with SCM Delegations.

44. PERIOD OF COMPLETION & RATE OF PROGRESS

- 44.1. The project has to reach practical completion within 3 (three) months of award of the contract (90 calendar days).
- 44.2. If the Works are delayed by any cause beyond the Contractor's control, the Contractor shall have the right within twenty-one days of any such cause of delay arising, to apply in writing to the Department to extend the date of completion, stating the cause of delay and period of extension applied for.
- 44.3. The Department upon receipt of such written application may by order in writing extend such date of completion by a period to be determined, or may refuse to extend such date of completion, or may postpone giving a decision upon such application until completion of the Contract period set out in sub-clause (a) of this clause.
- 44.4. The date of completion will be extended only to the extent approved by the Department.
- 44.5. Should the Contractor fail to apply in writing for an extension within the time set out above, or should the Department refuse to grant any extension in writing, then the Contract period provided shall not be exceeded.
- 44.6. When the Works are completed the Department will give a completion certificate and the date of such certificate shall be the date of commencement of the guarantee period.

45. PENALTY CLAUSE / FINES FOR LATE OR NON-COMPLETION

- 45.1. If the Contractor does not complete the work within the time stipulated and no extenuating circumstances can be given for the delay, the Department may impose a fine as detailed below. The total will be subtracted from the retention allowance.
- 45.2. If the contractor fails to complete the works and the Department is forced to employ another contractor to complete the works, the defaulting contractor will be held liable for the costs as far they exceed the original total Bid value.
- 45.3. The department will deduct a penalty for late completion of up to **0.05% of the contract value per working day delay**. This will be deducted from the retention.

C | STANDARD TECHNICAL SPECIFICATIONS

1. PRELIMINARIES & GENERAL

The contractor is to note that all insurances (UIF, workmen compensation, works, public liability etc.); site and equipment safety; site establishment and security; services (water and electricity); testing of materials and any specialist services are for the contractor's responsibility and attention throughout the contract duration until handover of the project. This item also includes Occupational Health & Safety Act requirements. The Department reserves the right to stop progress of the works in case of non-compliance until these conditions are complied with.

2. APPLICABLE STANDARDS: SPECIFICATIONS & MATERIALS

- 2.1. For the purpose of this Contract the relevant SANS specifications shall apply- specifically SABS 1200: *Standardized Specification for Civil Engineering Construction* specifications shall apply. The following sections shall in particular apply here:
- 2.1.1. **SABS 1200 AA - 1986** (General - Small Works),
 - 2.1.1.1. Materials: SABS 1200 AA (3);
 - 2.1.1.2. Testing: SABS 1200 AA (7);
 - 2.1.2. **SABS 1200 DA -1988** (Earthworks - Small Works)
 - 2.1.3. **SABS 1200GA – 1982** (Concrete - Small Works).
 - 2.1.3.1. Materials SABS 1200 GA (3)
 - 2.1.3.2. Mixing, pouring and curing of concrete: SABS 1200 GA (5.4)
 - 2.1.3.3. Testing: SABS 1200 GA (7)
 - 2.1.4. **SANS 50197-1**: Cement: Common cement 32,5N or R to SANS 50197-1

3. APPLICABLE STANDARDS: EARTHWORKS AND SITE PREPARATION

- 3.1. Normal regulations regarding safety, municipal by-laws, contamination of water sources, erosion, siltation etc. will still apply.
- 3.1.1. **SABS 1200 AA - 1986** (General - Small Works),
 - 3.1.1.1. Site preparations & establishment: SABS 1200 AA (4).
 - 3.1.1.2. Setting out of works: SABS 1200 AA (5.1.1)

4. APPLICABLE STANDARDS: STANDARD (ABRIDGED) PREAMBLE FOR ALL TRADES

- 4.1. All materials to be SANS approved and installed to applicable standards specified by SANS, NBR, or the manufacturer. The Bid shall refer to "the Standard (Abridged) Preamble for all trades", which covers the following (only the items in italics apply to this contract):

STANDARD (ABRIDGED) PREAMBLES TO ALL TRADES

INDEX

	Page
1 EARTHWORKS	3
2 CONCRETE, FORMWORK AND REINFORCEMENT	3
3 BLOCK AND BRICKWORK	6
4 WATERPROOFING	8
5 CARPENTRY AND JOINERY	8
6 FLOOR COVERINGS, PLASTIC LININGS, ETC.	11
8 SCREEDING AND PLASTERING	16

10	DRAINAGE AND PLUMBING	19
11	SANITARY PLUMBING AND FITTINGS	25
12	FIRE EXTINGUISHERS	31
13	GLAZING	31
14	PAINTING	31

5. MATERIALS AND CONSTRUCTION

- 5.1. All materials must be newly purchased and conform to SABS specifications for the products. This includes all items such as bricks, blocks, brick reinforcement, damp proofing, lintels, glazing, plumbing and drainage, curtains, etc... All construction works must conform to the applicable standard specifications and installation requirements as per NBR requirements and manufacturers recommendations. All concrete works to conform to CNCI standards and recommendations.

6. STANDARD CONCRETE MIXES

- 6.1. Cement and aggregates shall be mixed by volume and the contents of a 50kg sack of cement shall be taken to be 0,033m³.
- 6.2. Water addition should be kept to a minimum. Only sufficient water should be used to produce a workable mix of 60-100mm slump. A recommended maximum water : cement ratio is 1 for a 10MPa; 0.8 for a 15MPa; 0.65 for a 20MPa; 0.59 for a 25MPa; 0.53 for a 30MPa mix, however the lower the ratio the better the durability of the concrete. Approximately 210 litres per m³ of concrete is required for an average quality sand and optimum quantity 19mm stone.
- 6.3. Concrete for non-structural purposes shall be "Prescribed mix concrete" produced in accordance with the requirements indicated in Table 1.

Class of Concrete	Min. Compressive Strength in MPA at 28 Days	Max. Nominal Size of Coarse Aggregate in mm	Proportion of Constituents >> 1 Wheelbarrow = 2 bags of cement		
			Cement (Parts)	Sand (Parts)	Stone (Parts)
A	10	37,5	1	4	5
B	15	19,0	1	3	4
C	20	19,0	1	2.5	3.5
D	25	19,0	1	2	3
E	30	19,0	1	2	2½

7. STANDARD PLASTER & MORTAR MIXES

- 7.1. The standard plaster mixes are as listed in Table 2:

PLASTER CLASS:	MIX RATIO: (By Volume)	MASONRY CEMENT: kg	LIME: L	SAND: (loose and damp) L (max)
Rich mix (fdns, wet areas)	1 : 4	50	0-10	130
General purpose	1 : 5	50	0-40	165

7.2. The standard **mortar** mixes are as listed in Table 3:

TABLE 3: STANDARD MORTAR MIXES

MORTAR CLASS	MIX RATIO: (By Volume)	MASONRY CEMENT: kg	LIME: L	SAND: (loose and damp) L (max)
I	1 : 4	50	0-10	130
II	1 : 6	50	0-40	200

8. FINISHES TO IN-SITU CONCRETE

8.1. Class U1 Ordinary Finish

Immediately after placing, the concrete shall be finished rough by screeding with the edge of a wooden board of straight and true line and working between guides set accurately to level. No mortar shall be added and noticeable surface irregularities caused by the displacement of coarse aggregate shall be made good by re-screeding after removing or tamping down the offending aggregate.

8.2. Class U2 Wood Float Finish

The concrete surface shall first be brought to the standard Class U1 ordinary finish and then floated with a wood float. Floating shall be started as soon as the screed finish is stiffened sufficiently and bleed water has evaporated or been removed and it shall be the minimum necessary to produce a surface free from screed marks and uniform in texture.

8.3. Class U3 Coarse Brush Surface Finish

The concrete surface shall first be brought to a Class U1 ordinary finish. A coarse brush finish is then applied with a coarse bristle brush. "Brushing" shall be started soon after screeding to produce a uniform patterned coarse surface finish with a rough surface texture in the direction of the desired drainage direction.

8.4. Class U4 Steel Float Finish

The concrete surface shall first be brought to the standard Class U1 ordinary finish and then floated with a steel power float. Floating shall be started as soon as the screeded finish is stiffened sufficiently and bleed water has evaporated or been removed and it shall be the minimum necessary to produce a surface free from screed marks and uniform in texture.

D | PROJECT TECHNICAL SPECIFICATIONS

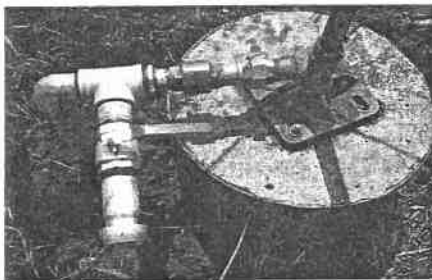
1. DETAILS OF CONTRACT

- 1.1 The Pricing Schedule with specifications attached must be checked and verified by the tenderer.
- 1.2 Trenches to be dug using suitable plant or local labour. Minimum trench depth must be 300mm.
- 1.3 If the required fitting is not standard, it then must be made up, and if consisting of more than one part, must be priced as one item.
- 1.4 All material to be supplied and delivered to site. Alternatively material can be delivered in batches, as and when required. It the contractor's responsibility to ensure the correct materials are delivered and measures are taken to safeguard it until the project hand over.
- 1.5 Surplus material will be retained by the Department and should any surplus material be taken by the contractor or material not supplied, payment will be made based on what has actually used in the scheme.
- 1.6 All material must be checked by the Departmental Representative (Engineer) prior to installation and testing. All joints are to be left uncovered for inspection purposes and to be covered after it has been inspected by the Departmental Representative (Engineer) and is satisfied that there are no leaks.
- 1.7 The scheme must be fully tested and commissioned in the presence of the Departmental Representative (Engineer). The Contractor will remain responsible for the scheme including all materials, and the official hand over and final payment will not take place, until such time that the entire scheme is fully functional and all leaks etc. have been repaired.

E | PRICING SCHEDULE WITH SPECIFICATIONS

PAGE	DESCRIPTION
19	REFURBISHMENT OF THE EXISTING CLIMAX 8 WINDMILL
20	SUPPLY NEW PORTABLE PETROL PUMP
21	REFURBISHMENT OF EXISTING CONCRETE RESERVOIR
22	REFURBISHMENT OF EXISTING CONCRETE WATER TROUGHS
23	REFURBISH EXISTING BRICK WATER TROUGHS
24	SUPPLY AND INSTALL NEW CONCRETE WATER TROUGHS
25	SUPPLY AND INSTALL POLYETHELENE WATER STORAGE TANK
26	SUPPLY AND INSTALL POLYETHELENE WATER TROUGHS
27	FAULT DETECTION OF TOTAL SYSTEM
28	10. SUMMARY PAGE

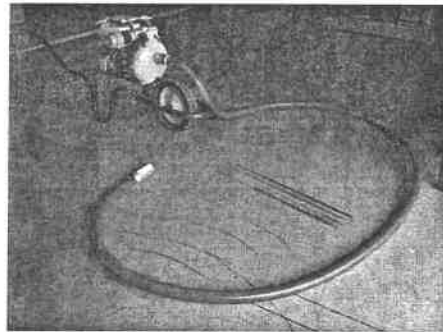
SCOPE OF WORKS/ PRICING SCHEDULE				30-Jul-19	
CEDARA "Back of Farm" - Page 1					
Code	Description	Unit	Qty	Rate	Amount
1	REFURBISHMENT OF THE EXISTING CLIMAX 8 WINDMILL				
1.1	Remove existing concrete base, drum casing and base plate	Sum	1		
	<i>This might require the removal of the windmill tower structure - Tenderer to confirm</i>	Sum	1		
1.2	Supply & install new drum casing, concrete base and base plate plus fittings	Sum	1		
	Concrete mix to be 1 cement, 3 sand, 3 stone (±13mm)				
1.3	Secure base plate and drum casing	Sum	1		
1.4	Supply & install new well seal	Sum	1		
1.5	Remove existing submersible pump, strainer, cylinder check valve, cylinder pipes, cylinder plunger, pump rods & drop pipe	Sum	1		
	Check existing casing quality, and replace if required after evaluation	Sum	1		
1.6	Supply & install new submersible pump (similar or equivalent to submersible pump which was removed)	Sum	1		
1.7	Supply & install new strainer, cylinder check valve, cylinder pipes, cylinder plunger, pump rods & drop pipe (similar or equivalent to those removed)	Sum	1		
1.8	Supply & install new braking system on windmill	Sum	1		
1.9	Supply & install new wood rod & pump head rods	Sum	1		
1.10	Service existing windmill head & gear box	Sum	1		
	<i>Replace with new similar windmill head & gear box, if deemed necessary after evaluation</i>				
1.11	<i>If, yes in 1.1, then repositioning of windmill tower structure will be considered</i>	Sum	1		
1.12	Test and commission windmill operation, by pumping water into the existing concrete reservoir	Sum	1		
SUB-TOTAL PAGE 1 > TRANSFER TO SUMMARY PAGE 10					R



**SCOPE OF WORKS/ PRICING SCHEDULE
CEDARA "Back of Farm" - Page 2**

30-Jul-19

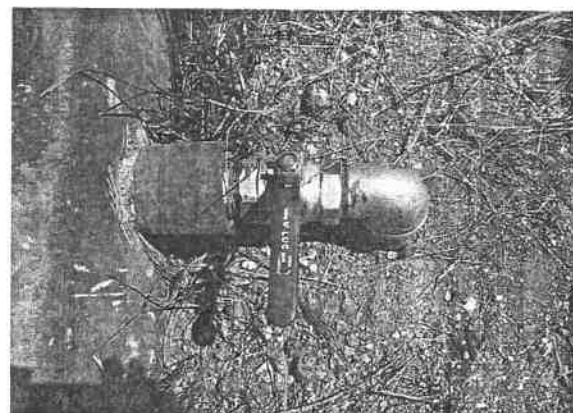
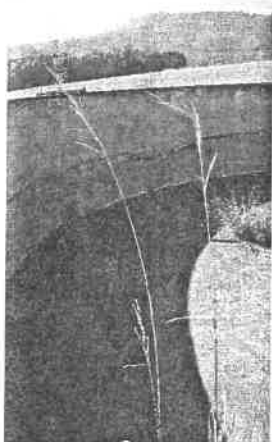
Code	Description	Unit	Qty	Rate	Amount
2	SUPPLY NEW PORTABLE PETROL PUMP				
2.1	Supply new portable petrol pump unit, on suitable trolley (wheelbarrow) H = ± 32m Q = ± 10 000 litres per hour	Sum	1		
2.2	Supply & install 10m heavy duty 2" suction pipe, quick coupling (±50mmØ) and non-return valve plus fittings to connect to portable pump unit	Sum	1		
2.3	Supply & install 10m heavy duty 2" delivery pipe, quick coupling (±50mm Ø) plus fittings to connect to existing windmill base plate	Sum	1		
2.4	Test and commission portable pump unit operation, by pumping water from windmill site into the existing concrete reservoir	Sum	1		
SUB-TOTAL PAGE 2 > TRANSFER TO SUMMARY PAGE 10					R



**SCOPE OF WORKS/ PRICING SCHEDULE
CEDARA "Back of Farm" - Page 3**

30-Jul-19

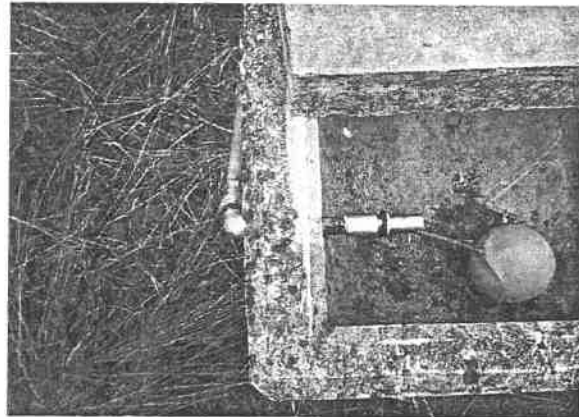
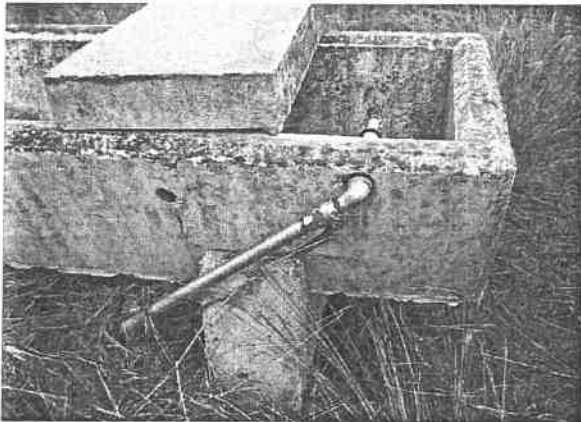
Code	Description	Unit	Qty	Rate	Amount
3	REFURBISHMENT OF EXISTING CONCRETE RESERVOIR				
	H = 1.5m D = 7.5m ϕ				
3.1	Prepare existing concrete reservoir for sealing, by removing of brush & debris	Sum	1		
3.2	Supply & install Polyesther (Rubber) liner [mass \pm 720g/m ²], suitably secured to outside of the concrete wall	Sum	1		
	OR				
	Gunnite / Fibreglass sealer applied to concrete reservoir	Sum	1		
<i>(Tenderer to check for cheapest sustainable option)</i>					
3.3	Connect existing concrete reservoir to outlet at base plus the existing 50mm ϕ HDPE supply pipeline	Sum	1		
3.4	Test and commision existing concrete reservoir(sealed), by filling with water(allowing to stand for 3 days to check for leaks). Then releasing the water through the existing pipe network to the water troughs and the newly installed polyethelene water tank at the Cattle Handling Facility	Sum	1		
SUB-TOTAL PAGE 3 > TRANSFER TO SUMMARY PAGE 10					R



**SCOPE OF WORKS/ PRICING SCHEDULE
CEDARA "Back of Farm" - Page 4**

30-Jul-19

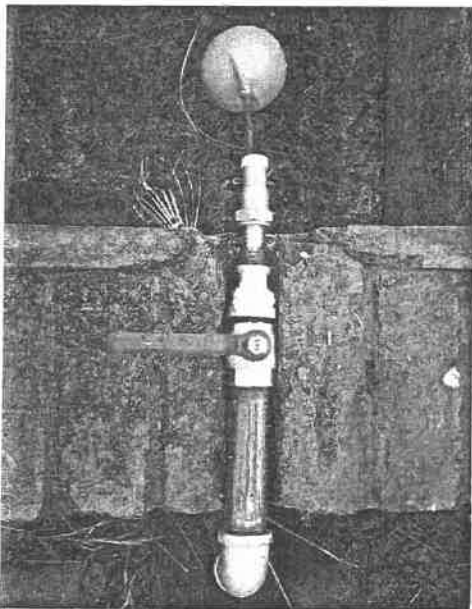
Code	Description	Unit	Qty	Rate	Amount
4	REFURBISHMENT OF EXISTING CONCRETE WATER TROUGHS				
4.1	NT1 - Supply & install new float ball valve plus fittings	Sum	1		
4.2	NT2 - Supply & install new float ball valve plus fittings & basin plug	Sum	1		
4.3	NT4 - Supply & install 15mm ϕ x 1m galvanised pipe plus fittings to connecting to existing 25mm ϕ HDPE supply pipe	Sum	1		
4.4	Test and commission water flow into troughs	Sum	1		
SUB-TOTAL PAGE 4 > TRANSFER TO SUMMARY PAGE 10					R



**SCOPE OF WORKS/ PRICING SCHEDULE
CEDARA "Back of Farm" - Page 5**

30-Jul-19

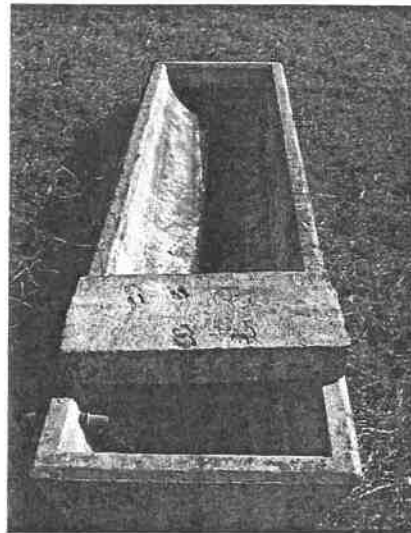
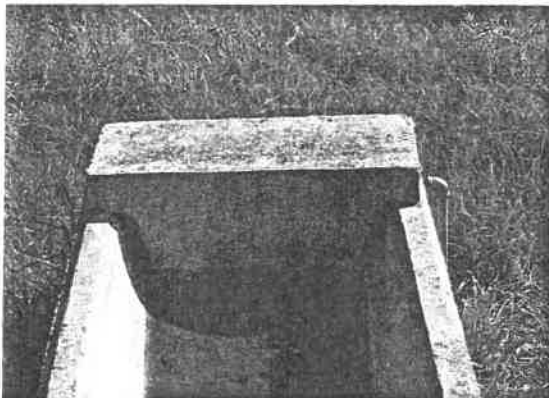
Code	Description	Unit	Qty	Rate	Amount
5	REFURBISH EXISTING BRICK WATER TROUGHS				
5.1	ET1 - Supply & install new precast concrete protection lid plus float ball valve & fittings	Sum	1		
	Supply pipeline is exposed ($\pm 25m$), check for leaks, then backfill with suitable material	Sum	1		
5.2	ET2 - Supply & install new precast concrete protection lid	Sum	1		
5.3	ET3 - Supply & install new precast concrete protection lid plus float ball valve & fittings	Sum	1		
5.4	ET4 - Supply & install new precast concrete protection lid	Sum	1		
5.5	Supply pipeline between ET2 & ET3 is exposed ($\pm 100m$), check for leaks, then backfill with suitable material.	Sum	1		
	If existing 25mm ϕ pipe is damaged, then replace with identical size pipe	Sum	1		
5.6	Test and commission water flow to troughs	Sum	1		
SUB-TOTAL PAGE 5 > TRANSFER TO SUMMARY PAGE 10					R



**SCOPE OF WORKS/ PRICING SCHEDULE
CEDARA "Back of Farm" - Page 6**

30-Jul-19

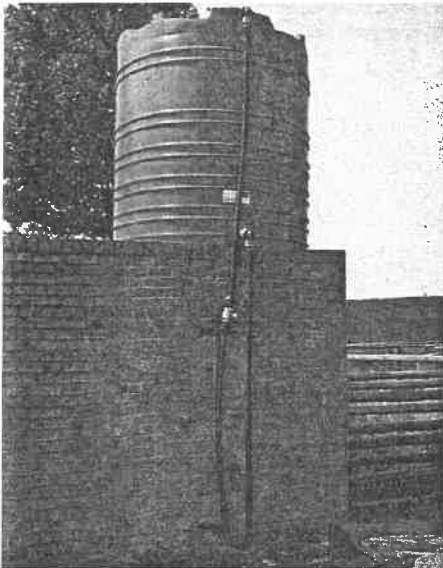
Code	Description	Unit	Qty	Rate	Amount
6	SUPPLY AND INSTALL NEW CONCRETE WATER TROUGHS				
6.1	NT6 - Supply & install new concrete water troughs (±500 litres) with protection lid, float ball valve & fittings and 15mmØ × 1m galvanised pipe plus connection fittings	Sum	1		
	Existing supply pipeline - 50mm Ø HDPE pipe is laid, end point to be detected. The water trough and supply pipeline to be connected	Sum	1		
6.2	NT7 - Supply & install new concrete water troughs (±500 litres) with protection lid, float ball valve & fittings and 15mmØ × 1m galvanised pipe plus connection fittings	Sum	1		
	Existing supply pipeline - 50mm Ø HDPE pipe is laid, end point to be detected. The water trough and supply pipeline to be connected	Sum	1		
6.3	Supply & install suitable precast concrete footings for both water troughs	Sum	1		
6.4	Test and commission water flow to troughs	Sum	1		
SUB-TOTAL PAGE 6 > TRANSFER TO SUMMARY PAGE 10					R



**SCOPE OF WORKS/ PRICING SCHEDULE
CEDARA "Back of Farm" - Page 7**

30-Jul-19

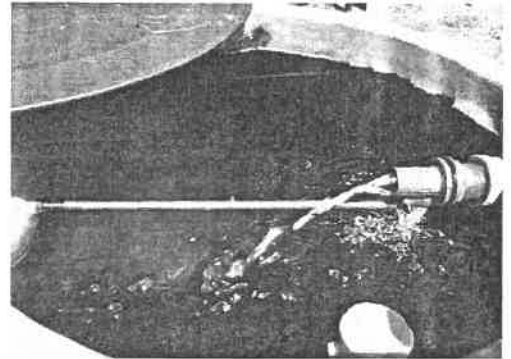
Code	Description	Unit	Qty	Rate	Amount
7	SUPPLY AND INSTALL POLYETHELENE WATER STORAGE TANK				
7.1	Supply & install new polyethelene 5000 litre water tank on top of roof of exisiting cattle handling facility	Sum	1		
	Suitably secure the water tank on the roof	Sum	1		
7.2	Supply & install 50mm ø HDPE pipe & fittings to connect to existing supply & delivery pipelines	Sum	1		
7.3	Supply & install float ball valve inside the 5000 litre plastic water tank	Sum	1		
7.4	Test and commission water flow to polyethelene water tank and connected water troughs	Sum	1		
SUB-TOTAL PAGE 7 > TRANSFER TO SUMMARY PAGE 10					R



As installed in 2008



Present situation

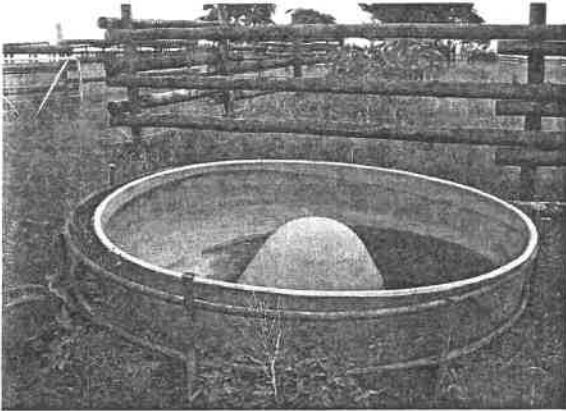


As installed in 2008

**SCOPE OF WORKS/ PRICING SCHEDULE
CEDARA "Back of Farm" - Page 8**

30-Jul-19

Code	Description	Unit	Qty	Rate	Amount
8	SUPPLY AND INSTALL POLYETHELENE WATER TROUGHS				
8.1	Supply & install 3 new polyetheylene water troughs (± 250 litres) in the holding camps at the Cattle Handling Facility, fitted float ball valve	Sum	3		
	Position of the water troughs to be identified during Site Briefing				
8.2	Supply & install 25mm Ø HDPE pipe [100m] & fittings to connect to existing delivery pipelines	Sum	1		
	Trench ± 100m (depth minimum 300mm), lay 25mm Ø pipe and backfill with suitable material	Sum	1		
8.3	Test and commision water flow from polyethelene 5000 litre water tank to the connected ±250 litre water troughs	Sum	1		
SUB-TOTAL PAGE 8 > TRANSFER TO SUMMARY PAGE 10					R



**SCOPE OF WORKS/ PRICING SCHEDULE
CEDARA "Back of Farm" - Page 9**

30-Jul-19

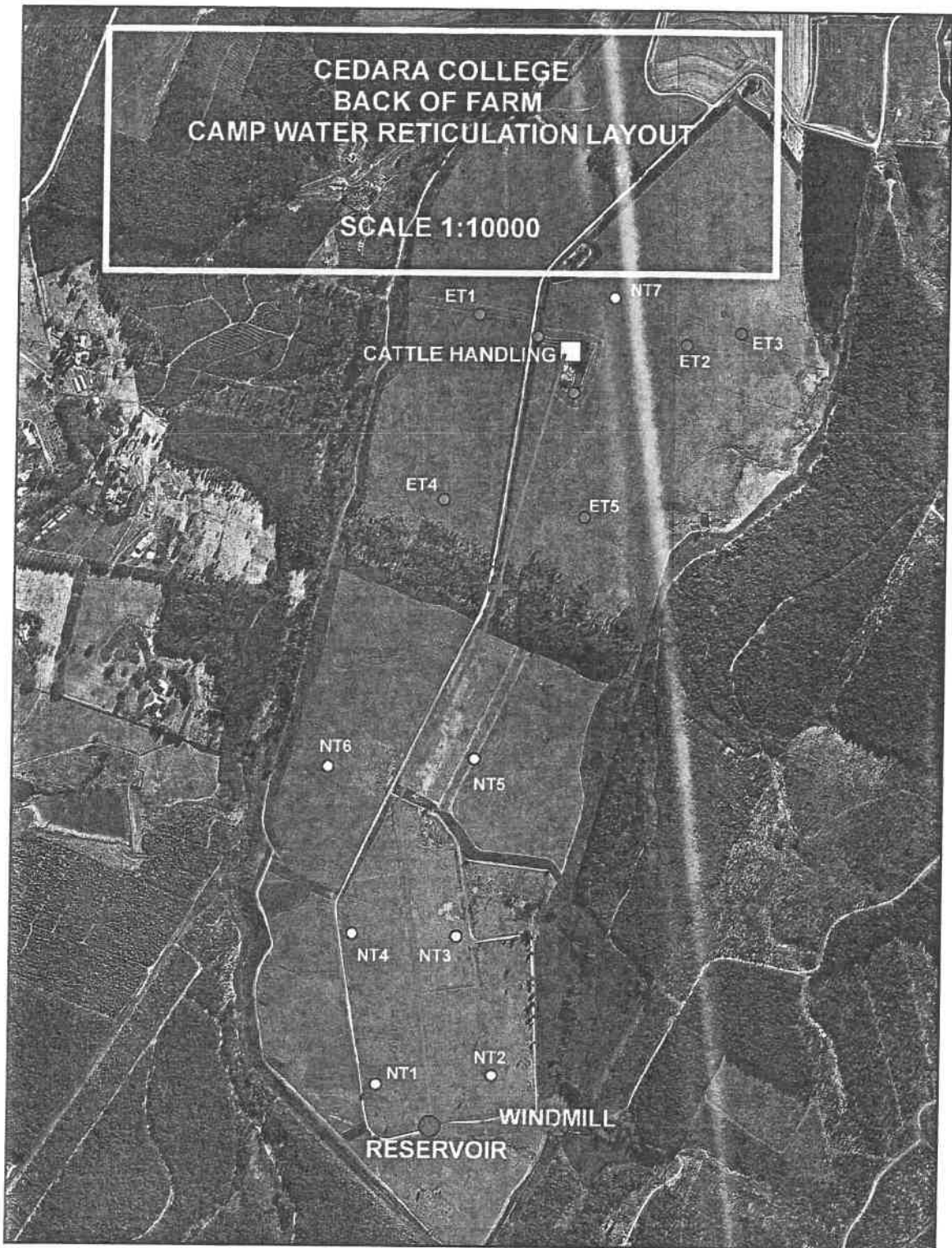
Code	Description	Unit	Qty	Rate	Amount
9	FAULT DETECTION OF TOTAL SYSTEM				
9.1	Fault detection of total system, before refurbishment begins , and add to items already listed for refurbishment and/or replacement	Sum	1		
9.2	Fault detection of the total system, during refurbishment , and <i>repair and replace with similar material</i>	Sum	1		
9.3	Test and commission of water flow through the total " back of farm" stock watering system, will be viewed as "practical completion"	Sum	1		
SUB-TOTAL PAGE 9 > TRANSFER TO SUMMARY PAGE 10					R

**SCOPE OF WORKS/ PRICING SCHEDULE
CEDARA "BACK OF FARM" - Page 10**

30-Jul-19

SUMMARY PAGE

Line	Page	Description	AMOUNT
1	1	REFURBISHMENT OF THE EXISTING CLIMAX 8 WINDMILL	R
2	2	SUPPLY NEW PORTABLE PETROL PUMP	R
3	3	REFURBISHMENT OF EXISTING CONCRETE RESERVOIR	R
4	4	REFURBISHMENT OF EXISTING CONCRETE WATER TROUGHS	R
5	5	REFURBISH EXISTING BRICK WATER TROUGHS	R
6	6	SUPPLY AND INSTALL NEW CONCRETE WATER TROUGHS	R
7	7	SUPPLY AND INSTALL POLYETHELENE WATER STORAGE TANK	R
8	8	SUPPLY AND INSTALL POLYETHELENE WATER TROUGHS	R
9	9	FAULT DETECTION OF TOTAL SYSTEM	R
10		SUBTOTAL LINE 1- 9	R
11		PRELIMINARY & GENERAL	R
12		SITE ESTABLISHMENT	R
13		SUBTOTAL LINES 10 - 12	R
14		CONTINGENCIES 10% OF SUBTOTAL LINE 13	R
15		SUBTOTAL LINES 13+14	R
16		VAT 15%	R
17		TOTAL LINES 15+16	R



ANNEXURE A

COMPANY NAME :
 ADDRESS :
 CONTACT PERSON :
 CONTACT NUMBER :
 FAX NUMBER :

LINE NO.	DESCRIPTION OR SPECIFICATION OF ITEM (Please be very specific and clear)	REQUIRED QUANTITY	UNIT PRICE EXCL. VAT		TOTAL PRICE	
			R	C	R	C
1	REFURBISHMENT OF THE EXISTING CLIMAX 8 WINDMILL	1				
2	SUPPLY NEW PORTABLE PETROL PUMP	1				
3	REFURBISHMENT OF EXISTING CONCRETE RESERVOIR	1				
4	REFURBISHMENT OF EXISTING CONCRETE WATER TROUGHS	3				
5	REFURBISH EXISTING BRICK WATER TROUGHS	4				
6	SUPPLY AND INSTALL NEW CONCRETE WATER TROUGHS	2				
7	SUPPLY AND INSTALL POLYETHELENE WATER STORAGE TANK	1				
8	SUPPLY AND INSTALL POLYETHELENE WATER TROUGHS	3				
9	FAULT DETECTION OF TOTAL SYSTEM	1				
	(ALL ABOVE (1-9) refer to attached Scope of Services)					
TOTAL						
*ONLY APPLICABLE TO VAT REGISTERED SUPPLIERS 15% VAT						
TOTAL PRICE						

*VAT Registration No. (Supplier) -----

When Required (Requester):

Where Required (Requester): Cedara College

Contact details of requester:

TEL :

(COMPULSORY)

COMPANY STAMP

PRICES ARE VALID FOR..... DAYS



SIGNATURE.....

DATE

KINDLY COMPLETE PLEASE!!!

SBD 4

DECLARATION OF INTEREST

1. Any legal person, including persons employed by the state¹, or persons having a kinship with persons employed by the state, including a blood relationship, may make an offer or offers in terms of this invitation to bid (includes a price quotation, advertised competitive bid, limited bid or proposal). In view of possible allegations of favouritism, should the resulting bid, or part thereof, be awarded to persons employed by the state, or to persons connected with or related to them, it is required that the bidder or his/her authorised representative declare his/her position in relation to the evaluating/adjudicating authority where-

- the bidder is employed by the state; and/or
- the legal person on whose behalf the bidding document is signed, has a relationship with persons/a person who are/is involved in the evaluation and or adjudication of the bid(s), or where it is known that such a relationship exists between the person or persons for or on whose behalf the declarant acts and persons who are involved with the evaluation and or adjudication of the bid.

2. In order to give effect to the above, the following questionnaire must be completed and submitted with the bid.

2.1 Full Name of bidder or his or her representative:

2.2 Identity Number:

2.3 Position occupied in the Company (director, trustee, shareholder²):

2.4 Company Registration Number:

2.5 Tax Reference Number:

2.6 VAT Registration Number:

2.6.1 The names of all directors / trustees / shareholders / members, their individual identity numbers, tax reference numbers and, if applicable, employee / persal numbers must be indicated in paragraph 3 below.

¹"State" means -

- (a) any national or provincial department, national or provincial public entity or constitutional institution within the meaning of the Public Finance Management Act, 1999 (Act No. 1 of 1999);
- (b) any municipality or municipal entity;
- (c) provincial legislature;
- (d) national Assembly or the national Council of provinces; or
- (e) Parliament.

²"Shareholder" means a person who owns shares in the company and is actively involved in the management of the enterprise or business and exercises control over the enterprise.

KINDLY COMPLETE PLEASE!!!

2.7 Are you or any person connected with the bidder presently employed by the state? **YES / NO**

2.7.1 If so, furnish the following particulars:

Name of person / director / trustee / shareholder/ member:

Name of state institution at which you or the person connected to the bidder is employed :

Position occupied in the state institution:

Any other particulars:

.....
.....
.....

2.7.2 If you are presently employed by the state, did you obtain the appropriate authority to undertake remunerative work outside employment in the public sector? **YES / NO**

2.7.2.1 If yes, did you attached proof of such authority to the bid document? **YES / NO**

(Note: Failure to submit proof of such authority, where applicable, may result in the disqualification of the bid.

2.7.2.2 If no, furnish reasons for non-submission of such proof:

.....
.....
.....

2.8 Did you or your spouse, or any of the company's directors / trustees / shareholders / members or their spouses conduct business with the state in the previous twelve months? **YES / NO**

2.8.1 If so, furnish particulars:

.....
.....
.....

2.9 Do you, or any person connected with the bidder, have any relationship (family, friend, other) with a person employed by the state and who may be involved with the evaluation and or adjudication of this bid? **YES / NO**

KINDLY COMPLETE PLEASE!!!

2.9.1 If so, furnish particulars.

.....

2.10 Are you, or any person connected with the bidder, YES/NO
 aware of any relationship (family, friend, other) between
 any other bidder and any person employed by the state
 who may be involved with the evaluation and or adjudication
 of this bid?

2.10.1 If so, furnish particulars.

.....

2.11 Do you or any of the directors / trustees / shareholders / members YES/NO
 of the company have any interest in any other related companies
 whether or not they are bidding for this contract?

2.11.1 If so, furnish particulars:

.....

3 Full details of directors / trustees / members / shareholders.

Full Name	Identity Number	Personal Reference Number	Tax Number	State Employee Number / Persal Number

KINDLY COMPLETE PLEASE!!!

4 DECLARATION

I, THE UNDERSIGNED (NAME).....

CERTIFY THAT THE INFORMATION FURNISHED IN PARAGRAPHS 2 and 3 ABOVE IS CORRECT. I ACCEPT THAT THE STATE MAY REJECT THE BID OR ACT AGAINST ME IN TERMS OF PARAGRAPH 23 OF THE GENERAL CONDITIONS OF CONTRACT SHOULD THIS DECLARATION PROVE TO BE FALSE.

.....
Signature

.....
Date

.....
Position

.....
Name of bidder

May 2011

CERTIFICATE OF INDEPENDENT BID DETERMINATION

- 1 This Standard Bidding Document (SBD) must form part of all bids¹ invited.
- 2 Section 4 (1) (b) (iii) of the Competition Act No. 89 of 1998, as amended, prohibits an agreement between, or concerted practice by, firms, or a decision by an association of firms, if it is between parties in a horizontal relationship and if it involves collusive bidding (or bid rigging).² Collusive bidding is a *pe se* prohibition meaning that it cannot be justified under any grounds.
- 3 Treasury Regulation 16A9 prescribes that accounting officers and accounting authorities must take all reasonable steps to prevent abuse of the supply chain management system and authorizes accounting officers and accounting authorities to:
 - a. disregard the bid of any bidder if that bidder, or any of its directors have abused the institution's supply chain management system and or committed fraud or any other improper conduct in relation to such system.
 - b. cancel a contract awarded to a supplier of goods and services if the supplier committed any corrupt or fraudulent act during the bidding process or the execution of that contract.
- 4 This SBD serves as a certificate of declaration that would be used by institutions to ensure that, when bids are considered, reasonable steps are taken to prevent any form of bid-rigging.
- 5 In order to give effect to the above, the attached Certificate of Bid Determination (SBD 9) must be completed and submitted with the bid:

¹ Includes price quotations, advertised competitive bids, limited bids and proposals.

² Bid rigging (or collusive bidding) occurs when businesses, that would otherwise be expected to compete, secretly conspire to raise prices or lower the quality of goods and / or services for purchasers who wish to acquire goods and / or services through a bidding process. Bid rigging is, therefore, an agreement between competitors not to compete.

CERTIFICATE OF INDEPENDENT BID DETERMINATION

I, the undersigned, in submitting the accompanying bid:

(Bid Number and Description)

in response to the invitation for the bid made by:

(Name of Institution)

do hereby make the following statements that I certify to be true and complete in every respect:

I certify, on behalf of: _____ that:

(Name of Bidder)

1. I have read and I understand the contents of this Certificate;
2. I understand that the accompanying bid will be disqualified if this Certificate is found not to be true and complete in every respect;
3. I am authorized by the bidder to sign this Certificate, and to submit the accompanying bid, on behalf of the bidder;
4. Each person whose signature appears on the accompanying bid has been authorized by the bidder to determine the terms of, and to sign the bid, on behalf of the bidder;
5. For the purposes of this Certificate and the accompanying bid, I understand that the word "competitor" shall include any individual or organization, other than the bidder, whether or not affiliated with the bidder, who:

- (a) has been requested to submit a bid in response to this bid invitation;
- (b) could potentially submit a bid in response to this bid invitation, based on their qualifications, abilities or experience; and
- (c) provides the same goods and services as the bidder and/or is in the same line of business as the bidder

6. The bidder has arrived at the accompanying bid independently from, and without consultation, communication, agreement or arrangement with any competitor. However communication between partners in a joint venture or consortium³ will not be construed as collusive bidding.
7. In particular, without limiting the generality of paragraphs 6 above, there has been no consultation, communication, agreement or arrangement with any competitor regarding:
 - (a) prices;
 - (b) geographical area where product or service will be rendered (market allocation)
 - (c) methods, factors or formulas used to calculate prices;
 - (d) the intention or decision to submit or not to submit, a bid;
 - (e) the submission of a bid which does not meet the specifications and conditions of the bid; or
 - (f) bidding with the intention not to win the bid.
8. In addition, there have been no consultations, communications, agreements or arrangements with any competitor regarding the quality, quantity, specifications and conditions or delivery particulars of the products or services to which this bid invitation relates.
9. The terms of the accompanying bid have not been, and will not be, disclosed by the bidder, directly or indirectly, to any competitor, prior to the date and time of the official bid opening or of the awarding of the contract.

³ Joint venture or Consortium means an association of persons for the purpose of combining their expertise, property, capital, efforts, skill and knowledge in an activity for the execution of a contract.

10. I am aware that, in addition and without prejudice to any other remedy provided to combat any restrictive practices related to bids and contracts, bids that are suspicious will be reported to the Competition Commission for investigation and possible imposition of administrative penalties in terms of section 59 of the Competition Act No 89 of 1998 and or may be reported to the National Prosecuting Authority (NPA) for criminal investigation and or may be restricted from conducting business with the public sector for a period not exceeding ten (10) years in terms of the Prevention and Combating of Corrupt Activities Act No 12 of 2004 or any other applicable legislation.

.....
Signature

.....
Date

.....
Position

.....
Name of Bidder

Js914w 2