

APEX PROPOSAL TO TRINITY METALS GROUP

Attention: Ronald Toledo
Company: Trinity Metals Group
Site: Rwanda

Date: 17th April 2025
Tenderer: APEX HOLDINGS (A) LIMITED
Inquiry No: Nyakabingo Dam 4 Dewatering Pump



Visit Our Website:
www.ducorpgroup.com



Email Us at:
aholdings@ducorpgroup.com



A history of innovative engineering

The Weir Group has been making our global customers more efficient for nearly 150 years. Our commitment to innovation began in 1871 when two engineers, brothers James and George Weir, found a new way to improve steamship performance.

Based in Glasgow, Scotland – one of the great ship building cities of the age – their direct-acting feed pump led to significant gains in efficiency and reliability, and meant Weir's products and services were soon in demand all over the world.

James' son, William Weir, summed up the company's philosophy, "singling out specific products and materials, settling upon their performance, properties, and dimensions, and in concentrating upon them both in production and in use, to the end of bringing about the greatest possible industrial efficiency."

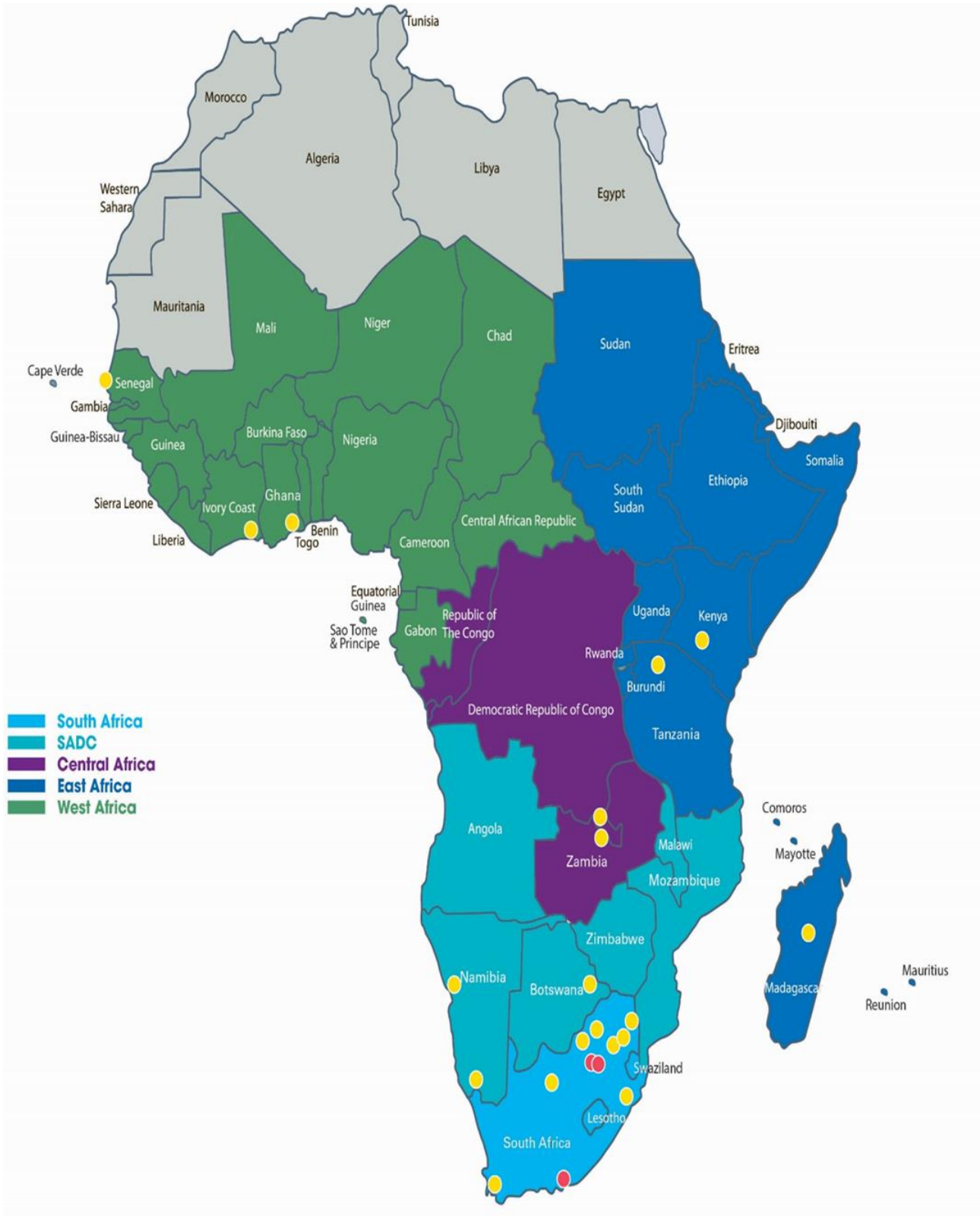
The age of the steamship may have passed but demand for innovative engineering solutions remains. In the last century, Weir has helped build houses, provide clean drinking water and even assisted in the development of the auto-giro, the predecessor of the modern helicopter.

Our curiosity and determination to find efficient solutions to the world's challenges remains as strong now as it was in the 19th century.

Today, our engineers help our global customers provide energy and natural resources efficiently and safely, meeting the needs of the 21st century for minerals, oil and gas, and power.

Innovation helps define the Weir Group and it is one of the reasons we've grown into one of the world's leading engineering businesses.





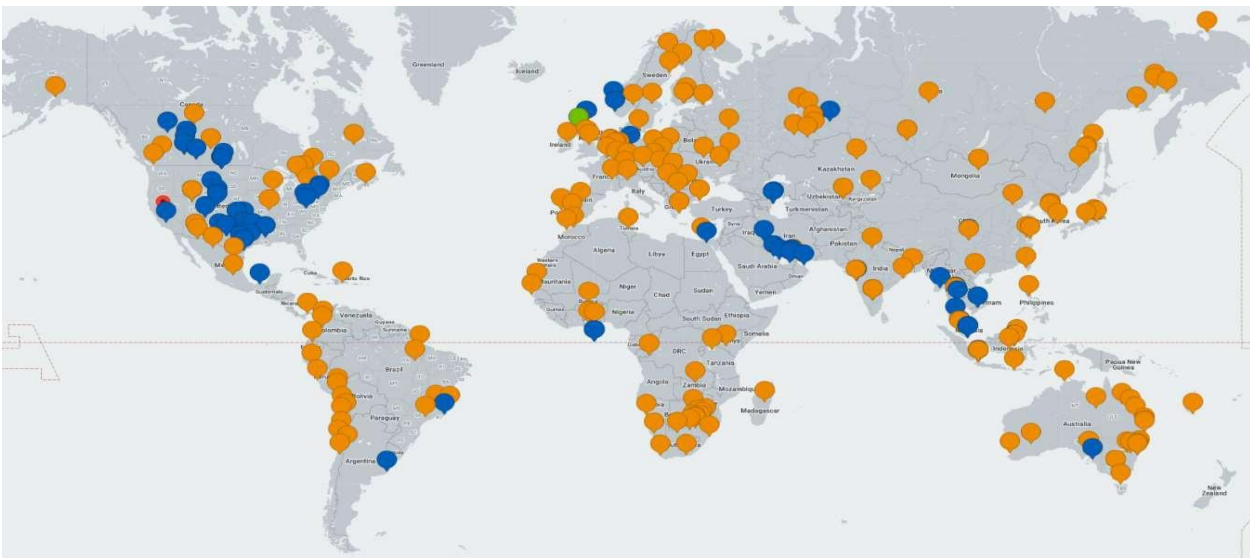
Dear Ronald,

We wish to thank you for affording Weir Minerals Africa (Pty) Ltd the opportunity to submit a **Budget Offer** which is subject to **Weir Minerals Africa's (Pty) Ltd standard terms and conditions (Document Reference: F0331-14 Rev06)**. This document forms part of our offer and should be read in conjunction with all other documents and completed schedules found within these pages.

Weir Minerals prides ourselves on the health and safety standards, quality of our equipment, development of our people and continuous research in the field of minerals processing. This supports clients in their long term journey of sustainability by looking into minimizing the use of resources such as power, water and labour, and thereby improving profitability. For further details, please visit our website at <https://www.global.weir/>.

Weir Minerals Market Presence

Weir is a 150-year-old company with a superb pedigree and unrivalled history in process equipment development and supply to the global mining sector and as global leaders in the process equipment technologies we offer. We have 13,600 employees, based at 70 sites on 6 continents globally; and have a wealth of in-house expertise and knowledge that is unrivalled in our sector. A Total Cost of Ownership (TCO) model is used in all that we do.



Weir has an extensive reference list on global processing plants and is confident that the equipment proposed will operate as defined. We have extensive resources and a proven track record delivering on maintenance, overhauls, and upgrades and on ongoing operational support. **Our pumps can be found in the world's largest mines in the harshest operations.**

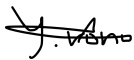
Our presence in East Africa continues to grow on the need to support our valued customers and end users. We are delighted to offer our valued customers our ongoing support on the ground via the strategic placement of:

- ✓ Weir Offices located in Mwanza Tanzania
- ✓ Service Centre workshop in Mwaza
- ✓ Aftermarket spares are available in our nearby Tanzania warehouse
- ✓ No language barrier.

Weir Minerals would be delighted, in consultation with Trinity Metals Group Rwanda to discuss value add services encompassing, but not limited to, the following

- ✓ Ongoing site training to assist the local workforce in acquiring key maintenance skills
- ✓ Post commissioning and equipment optimization support to increase the client's Profit per tonne.
- ✓ Long Term supply / Purchase agreement
- ✓ Consignment stock on site (de-risk supply issues)
- ✓ Performance monitoring, measurement and reporting on equipment.
- ✓ New Material developments Offering
- ✓ Rubber lining on site of hoppers/piping
- ✓ Optimise Mill lining / Lifter bar design in order to maximise throughput

We assure you of our fullest support and commitment and look forward to further engagement. Please do not hesitate to contact us with regard to any queries.



Yolokazi Rono
Graduate Engineer

Weir

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1. Scope of offer

Our offer includes for the following:

- Complete design, manufacture and supply of **Warman®** dewatering pumps
- Baseplates and motor stools
- V belts and pulleys
- Weir Minerals Standard Paint Specification and colors
- WEG Electrical motors (**415V 4 pole, 50Hz, IP66**)
- **Delivery DDP Rwanda**

Weir Minerals has specifically excluded the following from our offer.

- System design,
- Lifting equipment / Spreader beams,
- Delivery
- Special tools
- Site installation
- E-Bases
- Hoses and valves
- Barge pontoon
- Control panels
- Civil Works
- Pump instrumentation
- Pump run test
- Mechanical seals
- Commissioning, to be charged for at per diem rates
- VSDs
- Any items not mentioned herein

Our battery limits are defined as:

- Suction Flange
- Discharge Flange
- Top of concrete plinth (by others)
- Motor terminal box

2. Products on Offer

2.1 Warman® DWU™ Dewatering Pump



The Warman® DWU™ dewatering pump has been developed to enhance our existing high lift dewatering pump range. The intended area of application is high head mine dewatering, as well as any general dewatering applications. The DWU™ pump is capable of handling dirty water with a specific gravity (SG) of 1, 05 and a casing pressure rated at 7000kPa for series pumping, if required.

The DWU™ range features 4 pump frames – DWU™ 200, 150, 125 and 75 and at maximum operating speed the DWU™ 200 pump will achieve a head of 115m at best efficiency point and 130 m with smaller units.

The wet – end materials of construction are:

- Casing: SG 500 ductile iron.
- Suction cover: SG 500 ductile iron.
- Side Liners: 27% chrome white iron.
- Impeller: tempered 27% chrome white iron.
- Stuffing box: SG 500 ductile iron.

DWU Technical Specifications:

Mechanical End:

- The one-piece frame aids the correct alignment of bearings, seals and impeller.
- Rigid bearing frames minimize vibrations and distortions from external piping loads.
- Large capacity bearings are capable of withstanding high loads, thus ensuring long bearing life.
- Optional oil or grease lubrication.
- External cooling fans to dissipate heat, thus keeping the bearings cool.
- Impeller release collar for ease of impeller removal (larger models).
- Lifting lugs on all major components.
- Improved assembly and disassembly procedures.
- Common mechanical end design with the Warman® WBH™, thus ensuring component interchange ability.

Wet-end:

- Hydraulic design using CFD (Computational Fluid Dynamics).
- Components designed and verified using FEA (Finite Element Analysis).
- Double volute design to reduce radial loads and thrust reduction impeller design to reduce axial thrust loads, thus enhancing bearing life.
- Maximum casing pressure of 7000kPa ideally suited for series pumping.
- Suction flanges designed to fit standard BS4504, 40 bar flanges.
- Discharge flanges designed to fit standard BS4504, 64 bar flanges.
- High chrome iron impeller and side liners to improve wear life.
- 8 discharge orientations for ease of adjustment to accommodate pipeline layouts.

3. Technical Specification**3.1. NDT**

Weir Minerals has based our offer on our standard quality procedures which do not include any NDT testing.

3.2. Materials of construction

Please refer to the technical schedule for materials of construction.

3.3. Testing

- Hydrostatic Pressure testing:

WMA Hydrostatically tests all end suction, multistage and horizontal pumps using water only. All pump openings are adequately sealed, and air vents strategically placed to vent the pump casing of air. Pumps are hydrostatically tested with the gland in place. The casing is filled with water and pressurised to at least 1.5 times the rated casing pressure of the pump. No leakage through the pump is permissible with the exception of a limited amount of leakage via the stuffing box gland. This test criteria is aligned to the Hydraulic Institute standards for Hydrostatic testing.

- Performance testing:

Performance testing has been excluded in our offer.

3.4. Flanges

All of the Weir Minerals flanges are unique to our product and as such do not conform to recognized standards. We have however offered mating flanges as part of our scope of supply.

3.5. Pump speeds

Refer to our Technical Data for details.

3.6. Impellers

The design of the Warman® pump does not allow for reverse running. Attempts to run the pump in reverse may cause the impeller to unscrew. It is strongly advised that precautions preventing this eventuality should be taken by the client. The pump impellers are statically balanced only.

3.7. Dry running

It is highly recommended that no pumps be operated in the dry condition and that protection be installed to monitor this condition. Warman® pumps cannot be operated in the dry condition.

3.8. Base plates

We have offered our standard design of motor stool and base plate which is essentially a fabrication designed to accommodate the equipment without the need for machined mounting surfaces.

3.9. Lifting

Warman® pumps are not supplied with lifting eyes but instead because of the robust nature of their construction are lifted utilising suitably rated slings located at strategic lifting points. Baseplates will be provided with lifting lugs. Spreader beams or lifting slings have not been included in our scope of offer.

3.10. Long term storage procedure

For Periods Up To 36 Months:

1. Prior to storage, thoroughly drain pumps of any and all water.
2. Indoor storage is recommended and preferred.
3. Protect the equipment from temperature and humidity extremes and exposure to excessive dust, moisture and vibration.
4. Rotate the shaft several turns every three to five weeks.
5. Every six months purge the labyrinth with grease to prevent dirt and/or moisture contamination of the bearings.
6. If applicable, protect rubber lined pumps from heat, light and exposure to ozone.
7. The suction and discharge flange openings are to be covered, unless connected to piping.
8. All external machined surfaces are factory coated with a rust preventative prior to shipment. Maintain the protective coating on these surfaces with corrosion preventative red CPMI FC039A (Plascon), or a comparable product.
9. For outdoor or excessively unfavourable environment, cover the equipment with some type of protective tarpaulin, which will allow proper air circulation.
10. Prior to start-up, inspect the packing to ensure that it is satisfactory. After a lengthy storage period, consideration should be given to repacking with fresh die-formed packing.
11. Maintain written documentation of labyrinth purging and shaft rotation intervals to be made available to Weir Minerals upon request

3.11. Drawings

We will provide our standard detailed General Arrangement drawing for each equipment type and on which all principle dimensions and principle auxiliary equipment will be specified.

A fully certified drawing will be supplied within 14 working days from receipt of an official purchase order giving Weir Minerals clear, uninterrupted instruction to proceed with manufacture.

Seller will require approval of the GA drawings within 7 working days after submission so as to prevent possible delays in both procurement and assembly.

No manufacturing of equipment will be started without client approval of the GA drawing.

Final drawing approval must be received prior to the contractual start date to prevent delays in delivery of equipment.

Submission of drawings that fall outside of our standard GA offering may take longer than 14 working days and submission would be dependent on project requirements.

Drawing changes resulting from order amendments will be fast tracked but may lead to a delay in final GA approval and equipment delivery.

4. General

4.1. Compliance with Technical Specification

Based on the information supplied, our offer is in general compliance with your specification. Where full technical details were not available, certain assumptions have been made. These will be outlined in our technical schedules.

4.2. Packaging

Our offer includes for full palletizing, fully manufactured at our premises. Weir Minerals will endeavor to ensure that the packaging is of the highest quality, however all transit risk will be passed onto the client upon delivery as stated above.

4.3. Climatic Conditions

All equipment manufactured in our works has been designed for local climatic conditions. Equipment exported outside of our territory may not be suitable for those climatic conditions and modifications may be necessary. Weir Minerals will not be held responsible for any premature failures resulting from climatic conditions, if we have not been made aware of the conditions at the time of placing the order.

4.4. HSE Policy

Policy is available upon request.

4.5. Service Offering

Weir Minerals offers a wide range of after sales service contracts. Contracts vary in scope from:

• Repairs and return

➤ In this instance Weir Minerals can collect plant equipment from site and return equipment to one of our many branches located in Africa.

➤ Equipment is then stripped for assessment and a repair quotation prepared.

➤ On acceptance of the quotation, the equipment is repaired to the Weir Minerals standards and after inspection and release the equipment is delivered back to site.

➤ This service option is offered on Slurry Pumps, Dewatering Pumps, Cyclones, Valves, Centrifuges, Screens and Rubber Lining.

• **Service Exchange**

➤ In this service model, equipment can be kept at the appropriate service Centre or the customer's plant.

➤ This offers the convenience of swapping out the installed equipment, with new or reconditioned similar equipment within hours.

➤ Contract agreements are tailor made to suit the customer's budget needs and also cover time frames in which we remove and replace the existing piece of plant.

➤ This service capability is offered on Slurry Pumps, Geared Exciters and Linacloones.

• **On-site Service Support**

➤ With this service model, Weir Minerals can offer a full-time technician based on site.

➤ The technician will be tasked with all responsibilities of service, spares monitoring and equipment maintenance to ensure high equipment availability throughout the plant life.

➤ This service model is applicable to Slurry Pumps, Water Pumps, Screens, Cyclones, Crushers, Rubber Lining and Valves.

• **Plant Audits**

➤ Each piece of equipment manufactured and supplied by Weir Minerals is backed by a specialised team of Product Managers.

➤ Product Managers are able to attend sites to review installations and to offer guidance and comment on methods that can be employed to optimise the plant efficiency.

➤ Where multiple products are in service, Weir Minerals is able to offer the services of the individual Product Managers for each piece of equipment at site.

• **Basic Condition Monitoring**

➤ Weir Minerals now offers the service of basic condition monitoring.

➤ The current service allows for the remote monitoring of vibration, flow and temperature.

➤ Condition base line measurements are taken, and the equipment then monitored to determine the mean time before repair. [MTBR].

• **Consignment Stock Agreements**

➤ In this model Consignment stock is stored at the customers site

- > The customer will draw stock as and when required and will then notify Weir Minerals when this occurs.
- > Invoices are raised in accordance to the contract put in place between Weir Minerals and the client

5. T&Cs

5.1. Tender Validity

Our offer shall remain valid for **30 (Thirty) days**; thereafter it would be subject to review and confirmation.

The prices exclude VAT, commissions, export duties, surcharges or taxes of any nature and if required the same would be charged extra.

The prices are based on the stated quantities. Should these quantities change we reserve the right to amend our prices accordingly.

5.2. Escalation

No escalation applicable if order is placed within validity period.

5.3. Rate of Exchange Variances

The following ROE is applicable to this project:

- **USD \$ 1.00 : ZAR 18.97 Spot Rate on the Quote Date (17 April 2025)**

Any variation from the quoted rate portion at the time of order will be re-quoted and a Forward cover will be purchased if specifically requested by the purchaser in writing. The difference between the quoted rate and the forward cover rate is for the purchaser's account.

5.4. Delivery period

Delivery lead is estimated to be **16-19 working weeks (upon GA drawings approval)**, Delivery DDP Rwanda

Delivery dates shall be calculated, with due consideration of the lead time applicable, from the date that Weir Minerals is notified of acceptance of certified drawings by buyer with a signed contract and/or letter of acknowledgement in place.

These delivery dates will only be achieved if Weir Minerals receives a clear instruction to proceed with uninterrupted manufacture.

Deliveries quoted are however based on the present day factory commitments, as well as our sub-contractors and are subject to confirmation at the time of the order placement. We reserve the right to invoice and deliver any item of equipment that is delayed by free issue items.

5.5. Performance/Retention Bond

Retention and Performance Bond have been excluded in our offer.

5.6. Penalty for delay

Penalties are excluded from this offer.

5.7. Terms of Payment

Subject to a successful credit application, terms of payment are strictly within 30 days from date of invoice.

- Milestone 1 -- 50% of the total order value upon order placement
- Milestone 2 – 50% of the total order value upon delivery of the goods; DDP Rwanda

All outstanding monies payable to Weir Minerals are required to be settled first before payment for current project can be done. Collection of goods will only be allowed once all outstanding monies payable to WMA have been received in full.

5.8. Site work

Weir Minerals may provide a schedule of rates for Site Training, Installation Supervision & Commissioning Supervision.

Weir Minerals has not provided any sums for the days lost for induction courses.

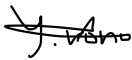
It is felt that in most instances our site personnel would have already undertaken such an induction and as such additional costs would be waived.

Should, however, special requirements be needed, Weir Minerals would charge for the number of days required for such an induction at the rates ruling at the time.

5.9. Conclusion

Should you require any additional information or clarification to any part of this tender, please contact the undersigned.

Sincerely,



Yolokazi Rono

Graduate Engineer_Pumps

Weir

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Villen Mandree

Product Manager _ Pumps

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6. Pump Pricing schedule

#	DESCRIPTION	TAG NO	PUMP	Qty	kW Inst	Unit Price	Extended Price
1	Dam 4 to Quarry Area Pumps	TBC	Warman 75NC- DWU Grease Lube	2	22	USD 16,309.60	USD 32,619.20
2	Dam 4 to Quarry Area standby Pump	TBC	Warman 75NC- DWU Grease Lube	1	22	USD 16,309.60	USD 16,309.60
Subtotal							USD 48,928.80
Crating							INCLUDED
Total Excl. VAT							USD 48,928.80