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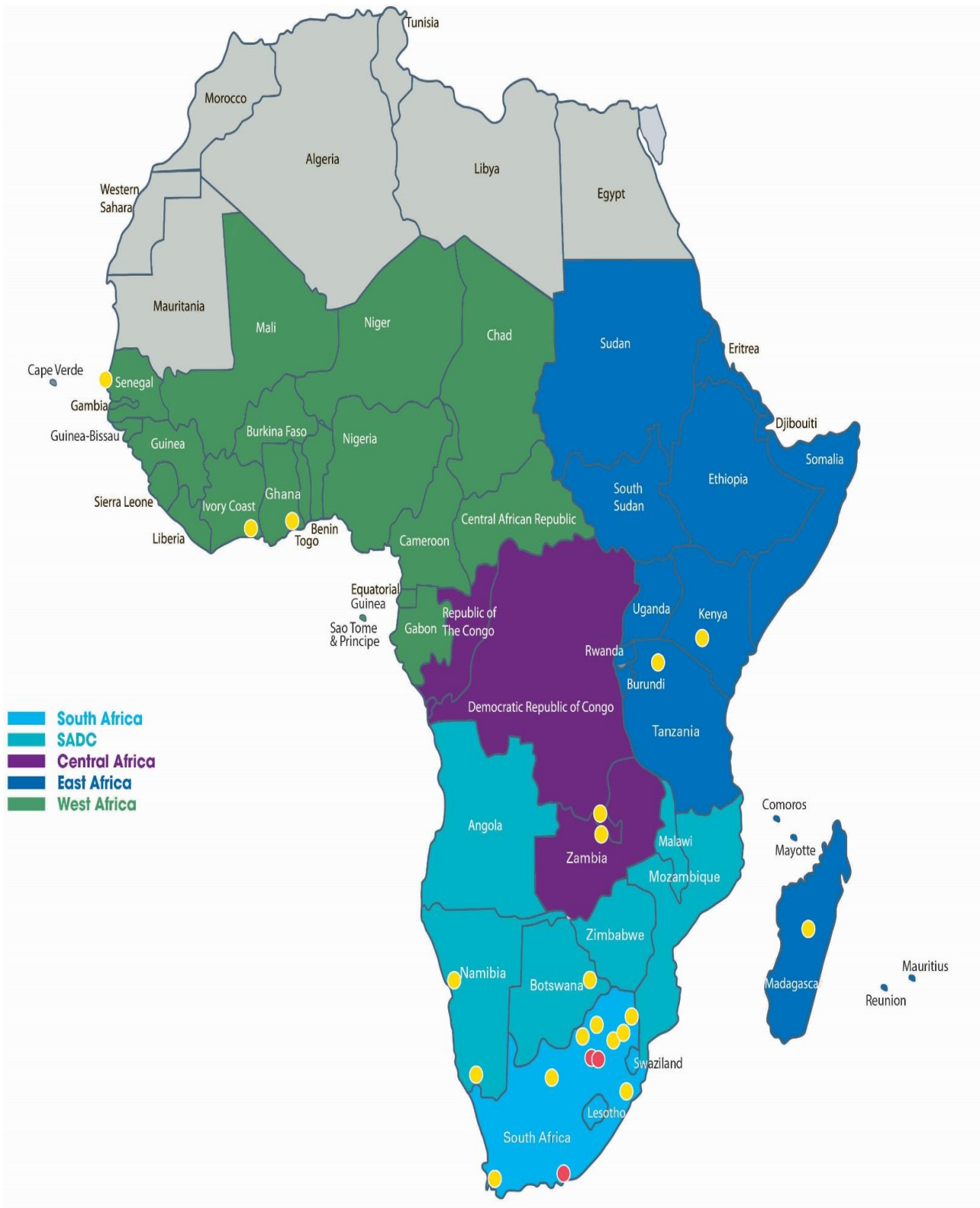
Name : Ronald Toledo
Company : Trinity Metals Group Rwanda
Address : Shyorongi, Rwanda
City, State Zip : 6132

Project Name: *Nyakabingo Dam 4 Dewatering*

Client Reference: *Email*

WMA Reference: *T380651_QT285760_R1*







Mining technology for a sustainable future



TRIO® and ENDURON®
Comminution equipment



ENDURON®
Vibrating screens



ENDURON®
High pressure grinding rolls



VULCO®
Mill lining systems



CAVEX®
Hydrocyclones



LINATEX®
Hoses



LINATEX®
Rubber products



WARMAN® and ENVIROTECH®
Horizontal and vertical slurry pumps



WARMAN® and ENVIROTECH®
Dewatering pumps



MULTIFLO®
Barges, pontoons, skids and walkways



LEWIS® Pumps
Turbine, chemical and specialty pumps



GEHO®
Positive displacement pumps



ISOGATE® and DELTA INDUSTRIAL®
Slurry and industrial valves



SANDMASTER™
Sand wash plants



SYNERTREX®
Smart monitoring



Dear Ronald

We thank you for affording Weir Minerals Africa (Pty) Ltd (WMA) the opportunity to submit a Budget Offer which is subject to Weir Minerals Africa's 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 itself on high health and safety standards, quality of our equipment, the 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 the minimizing the use of resources such as power, water and labor, 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 Mwanza
- ✓ 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.



Nipho Sikakane
Hydraulics Engineer - Dewatering

1. Scope of offer

Our offer includes for the following:

- Complete design, manufacture and supply of **Warman®** pumps.
- Baseplates and motor stools
- V-belts and pulleys.
- Intake & Discharge Pump Flanges
- Standard Weir Minerals Paint Specification and colors
- Crating of equipment
- **WEG®** Electrical motors (415V, 4 pole, IP66, IE3)
- **Delivery Ex-Works, Alrode, Gauteng Province, South Africa (Incoterms 2020).**

Weir Minerals has specifically excluded the following from our offer.

- System design,
- Lifting equipment / Spreader beams,
- Offloading or supervision of offloading of equipment at point of delivery,
- Special tools
- Site installation
- Control panels
- Civil Works
- Pump instrumentation
- Pump run test
- Commissioning, to be charged for at per diem rates

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.
- 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.



2.2. Electrical Motors



W22

IE3, Top premium efficiency WEG squirrel cage Induction motor, cast iron frame, totally enclosed fan cooled (TEFC).

Please note the image above is only for reference purpose and may not represent the actual motor size or colour

Items	:	22kW & 18.5kW
Motor type	:	Squirrel cage induction motor
Frequency	:	50 Hz
Efficiency	:	IE3
Service factor	:	1.00
Duty	:	S1
Degree of protection	:	IP 65
Cooling	:	TEFC - IC 411
Temperature rise	:	75K (Class B)
Ambient temperature	:	45°C
Altitude	:	1 000 m.a.s.l.
Insulation class	:	H
Rotation	:	Bi-Directional
Starting method	:	D.O.L
Coupling	:	V-Belts and Pulleys
Area classification	:	Safe
Applicable standards	:	IEC 60034, 60072 & SANS 1804
Motor final colour	:	TBD

3. T&Cs

3.1. Tender Validity

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

All prices are in **USD** and are for budget purposes.

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.

3.2. Escalation

Escalations are applicable.

3.3. Rate of Exchange Variances

The following ROE is applicable to this project:

- **USD \$ 1 : ZAR 17.72 Spot Rate on Quote Date (24 October 2024)**

Any variation <5% and >5% 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.

3.4. 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 **4-6 working weeks** 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 1 week 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 (such as G/box drives and / or Special designs) may take longer than 3 weeks and submission thereof 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

3.5. Delivery period

Delivery lead is estimated to be **14 - 18 working weeks** from date of receipt of approved drawings, Ex-work, Alrode, Gauteng, South Africa.

Delivery dates shall be calculated, with due consideration of the lead time applicable, from the date that Weir Minerals Africa 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.

3.6. Performance/Retention Bond

Retention and/or Performance Bond have been excluded from our offer.

3.7. Penalty for delay

This offer excludes any penalties.

3.8. Terms of Payment

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

Due to the size and value of the project, and subject to negotiation, we request payments to be made in the following proportions:

- 35% of the total Purchase Order Value payable at order placement
- 35% of the total Purchase Order Value payable upon approved GA drawings
- 30% of the total Purchase Order Value payable at readiness of goods on Ex Works Delivery, Alrode, JHB – South Africa (Incoterm 2020)

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.

3.9. 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.

3.10. Conclusion

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

Sincerely,



Nipho Sikakane
Hydraulics Engineer
Dewatering

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Product Manager
Pumps

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4. Pump Pricing schedule

#	DESCRIPTION	TAG NO	PUMP	QTY	kW Install	Unit Price	Extended Price
1	Dam 4 Dewatering	Pontoon Pumps	75 DWU Grease Lube Metal Imp c/w ZV base, Belts & Pulleys w/ WEG motor 415V, IP66, IE3	2	22	USD 13,764.96	USD 27,529.92
2	Tank Dewatering	Booster Pumps	75 DWU Grease Lube Metal Imp c/w ZV base, Belts & Pulleys w/ WEG motor 415V, IP66, IE3	2	18.5	USD 13,224.46	USD 26,448.92
Subtotal						USD 53,978.84	
Crating						INCLUDED	
Any Optional						-	
Total Excl. VAT						USD 53,978.84	

6 – Months Critical Spares

#	PART NUMBER	DESCRIPTION	QTY	Unit Price	Extended Price
1	N009D	Bearing	4	USD 367.88	USD 1,471.52
2	NC009	Bearing	4	USD 337.81	USD 1,351.24
3	NCBH008-20E62	Bearing Sleeve	4	USD 71.35	USD 285.40
4	NCDWU75111Q23	Gland Packing (Set of 4)	4	USD 129.74	USD 518.96
5	NCDWU75118C02	Lantern Restrictor	4	USD 325.14	USD 1,300.56
Subtotal					USD 4,927.68
Crating					INCLUDED
Total Excl. VAT					USD 4,927.68