



## THE APPOINTMENT OF A SERVICE PROVIDER TO REPAIR PUMP P1162A AT THE SANPC REFINERY.

### Scope Of Work

#### Repair of Pump P1162A- SANPC Refinery

#### 1. INTRODUCTION

The refinery has been shut down 3 years ago and equipment has been out of service since. The April 2022 flooding resulted in equipment at ground level being under water which will have caused damage to equipment externally and internally.

Although the refinery is not in a production state certain utilities need to still be in service. Equipment in the service of stormwater management, oil CPI pits and slops transfer pumps are required to be operational.

At the moment P1162A that transfers stormwater from the canal into the collection basins needs to be repaired insitu. The screw of the pump is approximately 14m long with a diameter of 2.4m. Initial assessment of the pump points to damage to the lower foot bearing (Item 4 on Landustrie DWG 240-122-1215-12. To access the components and confirm the repair, the operations team need to stop flow onto the suction pit and drain the pit to allow access into the pit. The scope of works below describes the generic scope of work based on the initial assessment from running the pump.

##### 1. P1162A Repair Scope of Work

- Operations to drain pit and arrange access into basin pit
- CSE into pit to set up equipment to jack screw
- Set up jacking equipment
- Unbolt bearing baseplate and jack up screw
- Unbolt stub shaft and remove
- Remove foot bearing after disconnecting lubrication system
- Assemble new foot bearing

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- Connect lubrication system and test flow of grease from grease pot
- Install stub shaft and secure
- Lower jacking mechanism
- Final bolt tightening
- Housekeeping and removal of tools and equipment
- Remove accessway into pit
- Rotate gearbox shaft to check for free-running
- Ops to commission water flow into pit
- Test run pump





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### Evaluation Criteria

#### 1. Mandatory Evaluation

At this phase service providers must submit the required supporting documents to substantiate compliance to the requirements below. It must be noted that if the service provider does not meet any of the requirements, the service provider will be disqualified and not be evaluated further

1.1 Certified Partner Letter And Resource Certified	Comply	Not Comply
Bidder must submit valid Compensation fund certificate		

#### 2. Technical evaluation

##### 2.1 References

The bidder must provide **signed and dated** reference letters on clients **letterhead** from previous and current clients. The reference letters should not be older than five years (2020 to date). The reference letter should indicate specifically the work done on **Landustrie archimedean screw pumps for Refineries or Manufacturing firms.**

The evaluation committee reserves the right to verify all letters. Unsigned, not a letterhead and no dated letters will result in bidder scoring zero.

	Evaluation Criteria	Document as Evidence	Score	Weighting %
Client References	Bidder submitted 5 relevant reference letters	Reference letters	5	35%
	Bidder submitted 4 relevant reference letters		4	
	Bidder submitted 3 relevant reference letters		3	
	Bidder submitted 2 relevant reference letters		2	



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	Bidder submitted 1 relevant reference letter		1	
	Bidder did not provide any relevant reference letters		0	

### **2.2 Team Lead Experience**

The team lead that will be assigned to SANPC Refinery must have experience in repairing **Landustrie archimedean screw pumps for Refineries or Manufacturing firms**

	Evaluation Criteria	Document as Evidence	Score	Weighting %
<b><u>Team Lead Experience</u></b>	On average, the project team that will be assigned to SANPC Refinery must have a minimum of three (3) years' experience in repairing <b>Landustrie archimedean screw pumps for Refineries or Manufacturing firms.</b>  <b>Provide a C.V. for each of the personnel that will be part of the team, clearly indicating their roles and responsibilities.</b>	CV of the Proposed team lead clearly listing the name of clients and work done		30%
	8 and more years of experience		5	
	7 years of experience		4	
	6 years of experience		3	
	< 6 years of experience		0	



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### 2.3 TEAM EXPERIENCE

	Evaluation Criteria	Document as Evidence	Score	Weighting %
Staff experience	On average, the project team that will be assigned to SANPC Refinery must have a minimum of three (3) years' experience in repairing <b>Landustrie archimedean screw pumps for Refineries or Manufacturing firms.</b>  <b>Provide a C.V. for each of the personnel that will be part of the team, clearly indicating their roles and responsibilities.</b>	CV of the Proposed team clearly listing the name of clients and work done		35%
	5 and more years of experience		5	
	4 years of experience		4	
	3 years of experience		3	
	< 3 years of experience		0	