



REQUEST FOR QUOTATION

Transnet SOC Limited
T/A Transnet Capital Projects

TFR RME RFQ BOARD
TRANSNET FREIGHT RAIL RME
XXXXXX
XXXXXX

Registration Number: 1990/000900/06
Vat Number : 4720103177

REQUEST for QUOTATION
Transnet Capital Projects
RFQ Number / Date
6000169078 / 31.07.2013
Contact Person / Telephone
Anne Mongie / 031 361 1759
Return to VAX Number/EMAIL
0318300001 / TCPtendersDurban@Transnet.net

Attention:
TFR RME BOARD
Telephone Number :
Fax Number :
Vendor Number :500000

Quotation Deadline Date : 08.08.2013
Quotation Deadline Time : 16H00

PREVIEW COPY ONLY

Item	Material	Description	RFQ Qty	UoM	Required Del date	Confirm Del date	Unit Price Excl	Total Price Excl
100010		SUPPLY OF BASKET STRAIN	2	ea	14.08.2013			

SUPPLY OF BASKET STRAINER AS PER ATTACHED SPEC FOR 300 NB PIPELINE

IT IS COMPULSORY FOR TENDERERS TO COMPLETE THE ATTACHED DATA SHEET FOR THE QUOTE TO BE VALID.

DELIVERY : ASAP

THE QUOTATION DEADLINE IS THURSDAY 8 AUGUST 2013 AT 16H00.
QUOTES MUST BE MAILED TO : TCPtendersDurban@transnet.net
PLEASE ATTACH COPIES OF BBBEE AND TAX CLEARANCE CERTIFICATES TO QUOTES.

ALL PROCUREMENT RELATED QUERIES TO BE DIRECTED TO :
ANNE MONGIE - 031 361 1759
E-MAIL : anne.mongie@transnet.net

ALL TECHNICAL QUERIES TO BE DIRECTED TO :
PIET SCHOEMAN ON 0832582063.



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Delivery Address

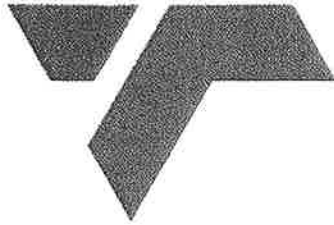
This RFQ is subject to the following conditions:

1. Price/s : The price/s quoted in SA currency and is excluding of V.A.T
2. Delivery : The price/s quoted should include delivery cost to the delivery address stated on the RFQ
3. Returnables : A valid tax clearance certificate and BBEE certificate from a SANAS accredited verification agency attached to quotation for all quotes above R30 000.
 Please note that only the official Transnet RFQ will be accepted and all other correspondence to be attached to the original
4. Safety : To confirm to Transnet Capital Projects Health & Safety plan and specification; HAS-std-0001, copy available on request.
5. Confirmation: To confirm your participation in this tender process please sign and return this document as immediate effect prior to the quotation deadline.
6. Negotiations: The Employer may elect to negotiate the final terms of the contract/order with the preferred tenderer in accordance with Clauses F.2.17 and F.3.13 of the CIDB Standard Conditions of Tender. A copy of which is available upon request.

Signature _____

Date _____

TRANSNET



*national ports
authority*

**PROJECT NEW FIRE PUMPS AT BERTH 9
ISLAND VIEW**

SUPPLY OF BASKET STRAINERS

TRANSNET



2012-12-20

CAPITAL PROJECTS
DOCUMENT CONTROL - DURBAN
RECEIVED

MARCH 2012

K&T PROJECT REFERENCE: 16268-TD-SD-045

Name of Tenderer:



KANTEY & TEMPLER (PTY) LTD

CONSULTING ENGINEERS
REG. NO. 1966/09839/07

TEL: 031 266 6535
FAX: 031 266 5786
WEB: www.kanteys.co.za
E-MAIL: ktdbn@dbn.kanteys.co.za
P O BOX 1621, WANDSBECK, 3631

Engineering African Development

TRANSNET CAPITAL PROJECTS

BERTH 9 FIRE PUMPS

SUPPLY OF BASKET STRAINERS

TENDER DOCUMENT

THIS DOCUMENT CONSISTS OF THE FOLLOWING SECTIONS:

- A. CONDITIONS OF TENDER
 - B. PROJECT SPECIFICATIONS
 - C. SCHEDULE OF QUANTITIES
- APPENDIX A. PUMP DATA SHEET

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TRANSNET CAPITAL PROJECTS

BERTH 9 FIRE PUMPS

SUPPLY OF BASKET STRAINERS

TENDER DOCUMENT

SECTION A

CONDITIONS OF TENDER

C O N T E N T S

- 1 DOCUMENTS
- 2 SITE INSPECTION
- 3 FURTHER INFORMATION

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TRANSNET CAPITAL PROJECTS

BERTH 9 FIRE PUMPS

SUPPLY OF BASKET STRAINERS

TENDER DOCUMENT

SECTION A

CONDITIONS OF TENDER

1. **DOCUMENTS:**

Tenderers shall check that they have been provided with all documents and drawings and advise the Engineer immediately if there is any doubt as to the meaning of any word, clause, sentence, paragraph, drawing or any other particulars whereupon the Engineer may change same to reflect the correct situation.

All documents and drawings remain the property of Kantey and Templer and are to be returned by the tender closing date, whether a tender is submitted or not. Failure to comply with this requirement will result in prosecution in terms of the Protection of Information Act.

2. **SITE INSPECTION**

No Site inspection is required, however should the supplier wish to view the site this can be arranged at the tendering companies cost, and no price variations will be accepted after tender due to site conditions.

3. **FURTHER INFORMATION**

Further information may be obtained from Clifford Ireland, Kantey and Templer, Tel (031) 266 6535 Fax (031) 266 5786. All enquiries in connection with the tender and replies thereto will be IN WRITING. Any information conveyed to a tenderer as a result of such further enquiries will be advised to all tenderers if it is considered that such enquiry may in any way affect the tenders of others.

TRANSNET CAPITAL PROJECTS

BERTH 9 FIRE PUMPS

SUPPLY OF BASKET STRAINERS

TENDER DOCUMENT

SECTION B

PROJECT SPECIFICATION

PS 1	INTENT OF SPECIFICATIONS
PS 2	SCOPE OF TENDER / CONTRACT
PS 3	DETAILS TO BE INCLUDED IN TENDER DOCUMENT
PS 4	BASKET STRAINERS FOR FIRE PUMPS
PS 5	CERTIFICATION AND DOCUMENTATION
PS 6	CORROSION PROTECTION
PS 7	INSPECTION AND TESTING
PS 8	REJECTIONS

PS 1 INTENT OF SPECIFICATIONS

The specifications are intended to delineate standards and practices which will lead to the production of an efficient, durable and cost effective facility that will meet all the requirements for which it is intended and which will conform to all statutory requirements and norms in the industry. All specification clauses shall be read and deemed to apply to the items described in the Schedule of Quantities which are priced accordingly.

In all dealings, the supplier shall have the best interests of the end user in mind and shall act accordingly, offering advice and opinions where necessary. The workmanship shall be of the highest quality throughout.

The Engineer shall have the sole right to determine the quality of the materials and workmanship and technical ability of the supplier, and anything which may, in the opinion of the Engineer, be inferior to that specified for the work will be condemned. All condemned material and workmanship must be replaced or rectified, as the case may be, at no cost, to the satisfaction of the Engineer.

PS 2 SCOPE OF TENDER / CONTRACT

The scope of this contract includes the following:

- The supply of 2 No. Basket strainer for the fire ring main, completed with the following features:
 - Same level inlet and outlet
 - Stainless steel basket, 6mm mesh size
 - Flushing connection (allows blow down of large particles)
- The delivery to site, Berth 9 Is and View, Durban, South Africa, of the above control valves and offloading at the contractors designated site facility to site. The driver will be required to attend a 15 minutes visitor's induction prior to offloading.
- The provision of the prescribed quality control and operations documentation.

PS 3 DETAILS TO BE INCLUDED IN TENDER DOCUMENT

For the purposes of this contract all units shall be in accordance with the SI system. **No other units shall be accepted.**

The Tenderer shall submit with this Tender for each valve offered the following:

Make and model number
Dimensioned drawings indicating overall dimensions
Materials of construction
Anticipated delivery period from date of order.

Any Deviations from the Specification in the Tender Document.

The attached Schedule of Quantities shall be completed. Where alternatives are offered, the Schedule and data sheets are to be duplicated for each offer made.

IMPORTANT NOTE: No other priced Schedule will be accepted, and should any of the above information be missing, the Engineer reserves the right to reject the Tender in its entirety.

PS 4 BASKET STRAINERS FOR FIRE PUMPS

The basket strainer is required for the fire fighting system to filter dirt that result on clogging up or damage firefighting equipment such as fire pumps, hydrants and fire cannons from product storage tanks. The basket strainer will be directly installed on the fire water line, upstream of the fire pumps for full time operation. A stainless steel basket with mesh opening of 6mm particles maximum (confirm with pump supplier) of particles passage allowance.

PS 5 CERTIFICATION AND DOCUMENTATION

The basket strainer to be supplied with material and pressure test certificates, stamped to ASME Section VIII, and to be tagged as per the data sheets.

At the time of delivery three copies of the Operating and Maintenance Manuals and final documentation comprising of the following documents to be delivered to the engineer:

- Drawings/Specification schedules
- Exploded drawings of each component and parts list, including materials of construction.
- Quality plans, Material certification (Heat treatment records, etc.)
- Tests records .

The system of units for all documentation shall be the international metric system.

Failure to provide any of the required certification will result in the rejection of the applicable component, and replacement of the component at the suppliers cost.

PS 6 CORROSION PROTECTION

The supplier is to note that the equipment is to be installed in a highly corrosive environment, and that all materials that are corrosive are to be suitably coated prior to delivery to site.

The purpose of the painting shall be to not only prevent corrosion but also to provide an appealing finish. To this end careful preparation must be under taken to ensure that a smooth blemish free finish is obtained.

The Supplier is to note that he is responsible to deliver all materials to site in an undamaged condition. He shall take all necessary precautions to ensure that the protective coatings are not damaged.

Items will be inspected on arrival and unloading at the plant and any repairs necessary shall be at the cost of the Supplier. Such repairs shall comply with all requirements of this Specification.

PS 7 INSPECTION AND TESTING

Inspection by the Contractor

The minimum inspection to be carried out by the Contractor shall be that which is necessary to ensure compliance with all clauses of this Specification, since he will be held responsible for non-compliance in any respect and shall be required to repair any defect to the satisfaction of the Engineer.

Inspection by the Engineer

The Engineer or his designated representative has the right to inspect any item covered in the Contract at any time.

Inspection by the engineer shall not relive the supplier of any of his obligations under this contract.

PS 7.1 HYDROSTATIC PRESSURE TESTS

All pieces of equipment subject to water, oil or air pressure shall be tested at a pressure not less than one and one half times the design pressure.

Each piece shall withstand the hydrostatic test pressure without exhibiting signs of sweating, undue deformation and stressing, or defect of any kind.

The hydrostatic test pressure shall be maintained for a period of at least 60 minutes.

PS 7.2 INSPECTION OF COATINGS

Tests shall include measurement of the following:

Final coating thickness; pinhole detection; paint bonding tests: Paint film to substrate bond-tests shall also be executed.

PS 7.3 RESPONSIBILITY AND PERIOD OF MAINTENANCE

After the commissioning, the maintenance period will be deemed to have started and will continue for a period of 12 months. The responsibility of the Contractor concerning his equipment is in no way alleviated by the Commissioning.

The Contractor shall make good, free of all charges, any defects arising during this Period of Maintenance including the replacement of all defective parts and their installation and re-commissioning. This guarantee shall apply to all defects arising during proper use of the plant, due to faulty design or maintenance instructions, inferior materials or poor workmanship.

Maintenance by the Client's personnel during the Period of Maintenance shall be limited to cleaning and lubrication only as instructed by the Contractor. All other maintenance or adjustments shall be carried out by the Contractor.

Should any component part of any main or ancillary equipment fail to perform in accordance with its intended function during the Period of Maintenance, the Engineer shall have the right to reject the component part and order its replacement with a more reliable part at the Contractor's expense. The replacement part shall be guaranteed for a further twelve months or to the end of the Period of Maintenance, whichever is the later.

After the period of 12 months the final commissioning and handover will take place. The procedure as described above for the initial commissioning will be repeated and no deterioration in the performance and efficiency of the pump must be noted.

Test results shall be included in the Operating and Maintenance Manual.

If either party insists on a recalibration of any item of equipment, then the cost of the re-calibration shall be borne by that party if it is found that the instrument did not require re-calibration.

PS 8 REJECTIONS

The Engineer reserves the right to reject any basket strainer, at the time of the Works test, the Acceptance Test on Site or after, during the Period of Maintenance in the following cases:

- any defects
- Any deviation from these specifications not agreed previously in writing.

The Engineer reserves the right to reject any part of the equipment if the above mentioned corrections are not forthcoming. Rejection implies the recovery, by the Engineer, of all monies paid to the Contractor who remove at his own shall expense all the plant supplied by him when ordered to do so.

TRANSNET CAPITAL PROJECTS

BERTH 9 FIRE PUMPS

SUPPLY OF BASKET STRAINERS

TENDER DOCUMENT

SECTION C

SCHEDULE OF QUANTITIES

The Conditions of Contract, the specifications (including the project specification) and the data sheets are to be read in conjunction with the schedule of quantities.

The schedule comprises items covering the Contractor's profit, costs of general liabilities, overheads, transport and any other costs associated with this supply.

The Tenderer is at liberty to insert a rate of his own choosing for each item in the schedule and his attention is drawn to the fact that the Contractor has the right, under various circumstances, to payment for additional works carried out and that the Engineer is obliged to base his assessment of the rates to be paid for such additional work on the rates inserted in the schedule by the Tenderer (plus VAT).

The prices and rates to be inserted in the schedule of quantities are to be the full inclusive prices (excluding VAT) to the client for the work described under the item. Such prices shall cover all costs and expenses that may be required in and for the work described, and shall cover the cost of all general risks, liabilities and obligations set forth or implied in the documents on which the tender is based. The contractor is to include all necessary items and work under the applicable heading, even if the heading is not fully inclusive.

Each item priced shall be extended to the "Amount" column by the Tenderer with the exception of the items for which a rate only is required or which already have provisional sums affixed thereto. Should any item in the Schedule of Quantities not be priced, by design or by omission, it shall be held that the cost of the work associated with such items is spread over and included in the prices tendered for other items or work. Should the supplier not be able, or not wish to supply a particular item, a "No bid" shall be entered against the item.

In the event of there being any errors of extension or addition, these will be corrected, the rates being taken as correct and binding.

All prices shall be in South African Rands and the supplier is to clearly stipulate if any of the prices are affected by exchange rates and to quote the relevant exchange rate used to price the tender.

Each item priced by the Tenderer shall be in BLACK INK.

TRANSNET NEW FIRE PUMPS AT BERTH 9

ITEM NO.	PAYMENT REFERS	DESCRIPTION	UNIT	QUANT	RATE	AMOUNT
SUPPLY OF BASKET STRAINERS						
B1		PRELIMINARY AND GENERAL				
B1.1		All company and office overheads associated with the supply of the basket strainers.	Sum	1.00		
B1.2		Inspection and Testing Cost to comply with requirements of the tender document specification (Refer to equipment data sheet) over and above company standard testing specifications including training / inductions to be conducted for commissioning.	Sum	1.00		
B1.3		Supply all labour and materials to transport, deliver and unload the strainers at Berth 9 Island View including of all import duties, taxes and insurance to the point of delivery.	Sum	1.00		
B2		BASKET STRAINERS SUPPLY				
B2.1		Basket strainer supply in accordance with the tender specification Note: Size to suit 250NB piping and flanges, ANSI 150#	No.	2.00		
B3		TRANSPORTATION				
B3.1		Transport, deliver and unload	Sum	1.00		
B5		ADDITIONALS				
B5.1		Tenderer to specify any additional cost that will be incurred to complete or deliver in full to the tendered scope.	Sum	1.00		

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COMPANY NAME _____ DATE _____

PRINT NAME _____

SIGNATURE _____

APPENDIX A

DATA SHEET DATA SHEET FOR BASKET STRAINER

Tenders may offer as many alternatives as they wish.
Please Photostat these data sheet and fill in alternatives.

DETAIL	SPECIFIED	SUPPLIED
Type	Basket	
Tag Number	TBC by TCP	
Size	For a 300NB pipeline	
Number Required	2	
Make		
Model Number		
LOCATION		
City	Durban – Island View	
Plant	Berth 9 Fire Pump	
Area	Berth 9	
Area Classification	Not classified	
FLUID DATA		
Liquid	Water / salt water	
Temperature @ Operating Point	Ambient (25 °C)	
Density @ Operating Point	1.0 - 1.2 kg/l	
Viscosity @ Operating Point	0.974 – 1.060 cP	
PHYSICAL PROPERTIES		
Flow Coefficient		
Maximum Operating Temperature	35°C	
Minimum Operating Temperature	10°C	
Maximum Design Pressure	18 Bar(g)	
Maximum Operating Pressure	10 Bar(g)	
Configuration	Fire ring main filtration	
Flow Rate	8000 l/min (fire pump max. capacity)	
End Connections	Flanged - ANSI 150 LB RF 300NB (Size)	
Face to Face dimension	Supplier to advise	
MATERIALS OF CONSTRUCTION		
Body	Cast Steel (A216 WCB)	
Filtration Screen	Stainless Steel Mesh Wire (allow 6mm max. particles)	
CORROSION PROTECTION		
External - Body	Manufacturer's recommendation, see section PS 6	
Internal	TBC by TCP	

DETAIL	SPECIFIED	SUPPLIED
Type	Basket	
APPLICABLE STANDARDS		
Design	ASME Section VIII	
Product		
Face-to-Face	ASME B16.10	
Flanges	ASME B16.5	
Bolting	ASTM A193	
Leak-Tightness		
NOTES		
Deviations from the above shall be clearly indicated in the Alterations by Tenderer (Appendix 1). 2).		

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