

Transnet Freight Rail

an Operating Division of **TRANSNET SOC LTD**

[hereinafter referred to as **Transnet**]

Registration Number 1990/000900/30

REQUEST FOR QUOTATION [RFQ] No: TFR/2022/08/1404/11029/RFQ [KBC/38858]

**FOR THE SUPPLY AND DELIVER MAIN & AUXILIARY PROTECTION
RELAY – 7SR1102 ARGUS RELAY AT KIMBERLEY NORTH DEPOT**

ISSUE DATE:	01 SEPTEMBER 2022
CLOSING DATE:	13 SEPTEMBER 2022
CLOSING TIME:	10:00 AM
VALIDITY DATE:	17 JANUARY 2023

Note to the bidders:

Bidders are required to ensure that electronic bid submissions are done at least a day before the closing date to prevent issues which they may encounter due to their internet speed, bandwidth or the size of the number of uploads they are submitting. Transnet will not be held liable for any challenges experienced by bidders as a result of the technical challenges. Please do not wait for the last hour to submit. A Bidder can upload 30mb per upload and multiple uploads are permitted.

TECHNICAL ENQUIRIES: MOHATO QHOAI
TEL: 083 417 3933
EMAIL: Mohato.qhoai@transnet.net

SECTION 1: SBD1 FORM

PART A
INVITATION TO BID

YOU ARE HEREBY INVITED TO BID FOR REQUIREMENTS OF Transnet Freight Rail, A DIVISION TRANSNET SOC LTD							
BID NUMBER:	KBC/38858	ISSUE DATE:	01.09.2022	CLOSING DATE:	13.09.2022	CLOSING TIME:	10H00 AM
DESCRIPTION	SUPPLY AND DELIVER MAIN & AUXILIARY PROTECTION RELAY – 7SR1102 ARGUS RELAY AT KIMBERLEY NORTH DEPOT						
BID RESPONSE DOCUMENTS SUBMISSION							
Transnet has implemented a new electronic tender submission system, the e-Tender Submission Portal, in line with the overall Transnet digitalization strategy where suppliers can view advertised tenders, register their information, log their intent to respond to bids and upload their bid proposals/responses on to the system. RESPONDENTS ARE TO UPLOAD THEIR BID RESPONSE PROPOSALS ONTO THE TRANSNET SYSTEM AGAINST EACH TENDER/RFQ SELECTED. The Transnet e-Tender Submission Portal can be accessed as follows: ▪ Log on to the Transnet eTenders management platform website/Portal (transnetetenders.azurewebsites.net) (please use Google Chrome to access Transnet link/site free of charge); ▪ Click on "ADVERTISED TENDERS" to view advertised tenders; ▪ Click on "SIGN IN/REGISTER – for bidder to register their information (must fill in all mandatory information); ▪ Click on "SIGN IN/REGISTER" - to sign in if already registered; ▪ Toggle (click to switch) the "Log an Intent" button to submit a bid; ▪ Submit bid documents by uploading them into the system against each tender selected. ▪ No late submissions will be accepted. The bidder guide can be found on the Transnet Portal transnetetenders.azurewebsites.net							
BIDDING PROCEDURE ENQUIRIES MAY BE DIRECTED TO				TECHNICAL ENQUIRIES MAY BE DIRECTED TO:			
CONTACT PERSON	Liesel Weir			CONTACT PERSON	Mohato Qhoai		
TELEPHONE NUMBER	053 838-3202			TELEPHONE NUMBER	083 417 3933		
FACSIMILE NUMBER	N/A			FACSIMILE NUMBER	N/A		
E-MAIL ADDRESS	Liesel.weir@transnet.net			E-MAIL ADDRESS	Mohato.qhoai@transnet.net		
SUPPLIER INFORMATION							
NAME OF BIDDER							
POSTAL ADDRESS							
STREET ADDRESS							
TELEPHONE NUMBER	CODE		NUMBER				
CELLPHONE NUMBER							
FACSIMILE NUMBER	CODE		NUMBER				
E-MAIL ADDRESS							
VAT REGISTRATION NUMBER							
SUPPLIER COMPLIANCE STATUS	TAX COMPLIANCE SYSTEM PIN:		OR	CENTRAL SUPPLIER DATABASE	UNIQUE REGISTRATION REFERENCE NUMBER: MAAA		

B-BBEE STATUS LEVEL VERIFICATION CERTIFICATE	TICK APPLICABLE BOX] ☐ Yes ☐ No	B-BBEE STATUS LEVEL SWORN AFFIDAVIT	[TICK APPLICABLE BOX] ☐ Yes ☐ No
[A B-BBEE STATUS LEVEL VERIFICATION CERTIFICATE/ SWORN AFFIDAVIT MUST BE SUBMITTED FOR PURPOSES OF COMPLIANCE WITH THE B-BBEE ACT]			
1 ARE YOU THE ACCREDITED REPRESENTATIVE IN SOUTH AFRICA FOR THE GOODS /SERVICES /WORKS OFFERED?	☐ Yes ☐ No [IF YES ENCLOSE PROOF]	2 ARE YOU A FOREIGN BASED SUPPLIER FOR THE GOODS /SERVICES /WORKS OFFERED?	☐ Yes ☐ No [IF YES, ANSWER QUESTIONNAIRE BELOW]
QUESTIONNAIRE TO BIDDING FOREIGN SUPPLIERS			
IS THE ENTITY A RESIDENT OF THE REPUBLIC OF SOUTH AFRICA (RSA)?			☐ YES ☐ NO
DOES THE ENTITY HAVE A BRANCH IN THE RSA?			☐ YES ☐ NO
DOES THE ENTITY HAVE A PERMANENT ESTABLISHMENT IN THE RSA?			☐ YES ☐ NO
DOES THE ENTITY HAVE ANY SOURCE OF INCOME IN THE RSA?			☐ YES ☐ NO
IS THE ENTITY LIABLE IN THE RSA FOR ANY FORM OF TAXATION?			☐ YES ☐ NO
IF THE ANSWER IS "NO" TO ALL OF THE ABOVE, THEN IT IS NOT A REQUIREMENT TO REGISTER FOR A TAX COMPLIANCE STATUS SYSTEM PIN CODE FROM THE SOUTH AFRICAN REVENUE SERVICE (SARS) AND IF NOT REGISTER AS PER 1.3 BELOW.			

PART B TERMS AND CONDITIONS FOR BIDDING

1. TAX COMPLIANCE REQUIREMENTS
1.1 BIDDERS MUST ENSURE COMPLIANCE WITH THEIR TAX OBLIGATIONS. 1.2 BIDDERS ARE REQUIRED TO SUBMIT THEIR UNIQUE PERSONAL IDENTIFICATION NUMBER (PIN) ISSUED BY SARS TO ENABLE THE ORGAN OF STATE TO VERIFY THE TAXPAYER'S PROFILE AND TAX STATUS. 1.3 APPLICATION FOR TAX COMPLIANCE STATUS (TCS) PIN MAY BE MADE VIA E-FILING THROUGH THE SARS WEBSITE WWW.SARS.GOV.ZA. 1.4 BIDDERS MAY ALSO SUBMIT A PRINTED TCS CERTIFICATE TOGETHER WITH THE BID. 1.5 IN BIDS WHERE UNINCORPORATED CONSORTIA / JOINT VENTURES / SUB-CONTRACTORS ARE INVOLVED, EACH PARTY MUST SUBMIT A SEPARATE TCS CERTIFICATE / PIN / CSD NUMBER. 1.6 WHERE NO TCS IS AVAILABLE BUT THE BIDDER IS REGISTERED ON THE CENTRAL SUPPLIER DATABASE (CSD), A CSD NUMBER MUST BE PROVIDED.

NB: FAILURE TO PROVIDE / OR COMPLY WITH ANY OF THE ABOVE PARTICULARS MAY RENDER THE BID INVALID.

SIGNATURE OF BIDDER:

CAPACITY UNDER WHICH THIS BID IS SIGNED:

(Proof of authority must be submitted e.g. company resolution)

DATE: _____

SECTION 2: NOTICE TO BIDDERS

1 Responses to RFQ

Responses to this RFQ [**Quotations**] must not include documents or reference relating to any other quotation or proposal. Any additional conditions must be embodied in an accompanying letter.

2 Formal Briefing

A formal briefing session will not be held but should Respondents have specific queries they should email these to the Transnet employee(s) indicated in paragraph 3 [*Communication*] below:

3 Communication

- 3.1 Specific queries relating to this RFQ before the closing date of the RFQ should be submitted onto the system and to [**Leonie.visagie@transnet.net**] before **12:00 pm on 12 September 2022**. In the interest of fairness and transparency Transnet's response to such a query will then be made available to other bidders.
- 3.2 It is prohibited for Respondents to attempt, either directly or indirectly, to canvass any officer or employee of Transnet in respect of this RFQ between the closing date and the date of the award of the business.
- 3.3 Respondents found to be in collusion with one another will be automatically disqualified and restricted from doing business with organs of state for a specified period.
- 3.4 Respondents may also, at any time after the closing date of the RFQ, communicate with the name of delegated individual on any matter relating to its RFQ response:

Tender Administrator

Name: Liezel Weir Email: Liezel.weir@transnet.net
Telephone: 053 838-3202
and

Secretary of the Acquisition Council

Name: Leonie Visagie Email: Leonie.visagie@transnet.net
Telephone: 053 838-3119

Project Manager

Name: Mohato Qhoai Email: Mohato.qhoai@transnet.net
Telephone: 083 417 3933

4 Legal Compliance

The successful Respondent shall be in full and complete compliance with any and all applicable national and local laws and regulations.

5 Employment Equity Act

Respondents must comply with the requirements of the Employment Equity Act 55 of 1998 applicable to it including (but not limited to) Section 53 of the Employment Equity Act.

6 Changes to Quotations

Changes by the Respondent to its submission will not be considered after the closing date and time.

7 Binding Offer

Any Quotation furnished pursuant to this Request shall be deemed to be an offer. Any exceptions to this statement must be clearly and specifically indicated.

8 Disclaimers

8.1 Respondents are hereby advised that Transnet is not committed to any course of action as a result of its issuance of this RFQ and/or its receipt of a Quotation in response to it. Please note that Transnet reserves the right to:

- modify the RFQ's goods / service(s) and request Respondents to re-bid on any changes;
- reject any Quotation which does not conform to instructions and specifications which are detailed herein;
- disqualify Quotations submitted after the stated submission deadline;
- not necessarily accept the lowest priced Quotation or an alternative bid;
- place an order in connection with this Quotation at any time after the RFQ's closing date;
- award only a portion of the proposed goods / services which are reflected in the scope of this RFQ;
- split the award of the order/s between more than one Supplier/Service Provider should it at Transnet's discretion be more advantageous in terms of, amongst others, cost or developmental considerations;
- cancel the quotation process;
- validate any information submitted by Respondents in response to this bid. This would include, but is not limited to, requesting the Respondents to provide supporting evidence. By submitting a bid, Respondents hereby irrevocably grant the necessary consent to Transnet to do so;
- request audited financial statements or other documentation for the purposes of a due diligence exercise;
- not accept any changes or purported changes by the Respondent to the bid rates after the closing date and/or after the award of the business, unless the contract specifically provides for it;
- to cancel the contract and/request that National Treasury place the Respondent on its Database of Restricted Suppliers for a period not exceeding 10 years, on the basis that a contract was awarded on the strength of incorrect information furnished by the Respondent or on any other basis recognised in law;
- award the business to the next ranked bidder, provided that he/she is still prepared to provide the required Goods/Services at the quoted price, should the preferred bidder fail to sign or commence with the contract within a reasonable period after being requested to do so. Under such circumstances, the validity of the bids of the next ranked bidder(s) will be deemed to remain valid, irrespective of whether the next ranked bidder(s) were issued with a Letter of Regret. Bidders may therefore be requested to advise whether they would still be prepared to provide the required Goods/Services at their quoted price, even after they have been issued with a Letter of Regret.

9 Specification/Scope of Work

ARGUS-C

7SR11 and 7SR12 Overcurrent Relays

Description

The ARGUS-C is an overcurrent protection relay developed to enhance the ARGUS family of products by providing a familiar product using the latest generation of hardware technology.

The 7SR11 overcurrent and earth fault relays and the 7SR12 directional relays are available in single and four pole variants.

Housed in 4U high, size E4 case, these relays provide protection, monitoring, instrumentation and metering with integrated input and output logic, data logging & fault reports. Communication access to relay functionality is via a front USB port for local PC connection or rear electrical RS485 port for remote connection.



Function Overview

Protection

37	Undercurrent
46BC	Broken Conductor / Load Unbalance
46NPS	Negative Phase Sequence Overcurrent
49	Thermal Overload
50	Instantaneous Overcurrent
50G/N/SEF	Instantaneous Earth Fault
50BF	Circuit Breaker Fail
51	Time Delayed Overcurrent
51G/N/SEF	Time Delayed Measured/Derived/Sensitive Earth Fault
64H	High Impedance REF
27/59	Under/Over Voltage
47	Negative Phase Sequence Voltage
51V	Voltage Controlled Overcurrent
59N	Neutral Voltage Displacement
67/50	Directional Instantaneous Overcurrent
67/50G/N	Directional Instantaneous Earth Fault
67/51	Directional Time Delayed Overcurrent
67/51G/N	Directional Time Delayed Earth Fault
81HBL2	Inrush Detector

Supervision

60CTS	CT Supervision
74TC/CC	Trip & Close Circuit Supervision
60VTS	VT Supervision

Control

79	Auto Reclose
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Features

Cold Load Settings
Four Settings Groups
Password Protection – 2 levels
User Programmable Logic
Self Monitoring
Starters
Circuit Breaker Trip and Maintenance Counter
Trip Timers

User Interface

20 Character x 4 Line Backlit LCD
Menu Navigation Keys
9 User Programmable Tri-colour LEDs
User Language Configuration

Monitoring Functions

Primary/Secondary Current Phases and Earth Direction
Primary/Secondary Line and Phase Voltages
Apparent Power and Power Factor
Real and Reactive Power
W Hr & VAr Hr Forward and Reverse
Historical Demand Record
Positive Phase Sequence (PPS) Voltage & Current
Negative Phase Sequence (NPS) Voltage & Current
Zero Phase Sequence (ZPS) Voltage

Hardware

1 CT	3 Binary Inputs	5 Binary Outputs
4 CT	3 Binary Inputs	5 Binary Outputs
4 CT	6 Binary Inputs	8 Binary Outputs
1 CT	3 VT	3 Binary Inputs 5 Binary Outputs
4 CT	3 VT	3 Binary Inputs 5 Binary Outputs
4 CT	3 VT	6 Binary Inputs 8 Binary Outputs

Data Storage and Communication

Front USB port + Rear RS485 port
Protocols - IEC60870-5-103, DNP3.0 or Modbus RTU
Event Records – User Configurable
Fault Records
Waveform Records
Measurands
Commands
Time Synchronism
Viewing and Changing Settings

Support Software

Reydisp Evolution

REYROLLE

Application

The ARGUS-C is a numerical overcurrent protection relay intended for use on distribution and industrial networks. It provides a highly comprehensive functional software package with a range of integral application functions aimed at reducing installation, wiring and engineering time.

An extensive range of metered values can be viewed on the front LCD or at a remote point via the communication channel.

The integrated control feature allows operation of a single circuit breaker and monitoring of its trip and close circuits.

Function Matrix

FUNCTION	FUNCTIONAL REQUIREMENT	7SR1101-1'A12-CA0	7SR1101-3'A12-CA0	7SR1102-1'A12-CA0	7SR1102-3'A12-CA0	7SR1204-2'A12-CA0	7SR1204-4'A12-CA0	7SR1205-2'A12-CA0	7SR1205-4'A12-CA0
27	Undervoltage								
37	Undercurrent								
46BC	Broken Conductor / Load Unbalance								
46NPS	Negative Phase Sequence Overcurrent								
47	Negative Phase Sequence Voltage								
49	Thermal Overload								
50	Instantaneous Overcurrent								
50G	Measured Instantaneous Earth Fault								
50SEF	Measured Instantaneous Sensitive Earth Fault								
50N	Derived Instantaneous Earth Fault								
50BF	CB Failure								
51	Time Delayed Overcurrent								
51G	Measured Time Delayed Earth Fault								
51SEF	Measured Time Delayed Sensitive Earth Fault								
51N	Derived Time Delayed Earth Fault								
59	Overvoltage								
59N	Neutral Voltage Displacement								
64H	High Impedance Restricted Earth Fault								
67	Directional Overcurrent								
67G	Directional Measured Earth Fault								
67SEF	Directional Sensitive Earth Fault								
67N	Directional Derived Earth Fault								
CONTROL / MONITOR									
51c	Cold Load - Phase Only								
60CTS	CT Supervision								
60VTS	VT Supervision								
74T/CCS	Trip & Close Circuit Supervision								
79	Autoreclose								
86	Lockout								

Key - ■ Included as standard

□ Ordering option

Functional Diagrams

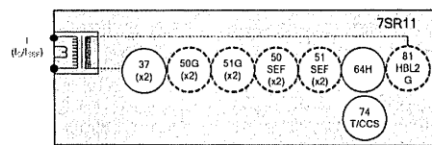
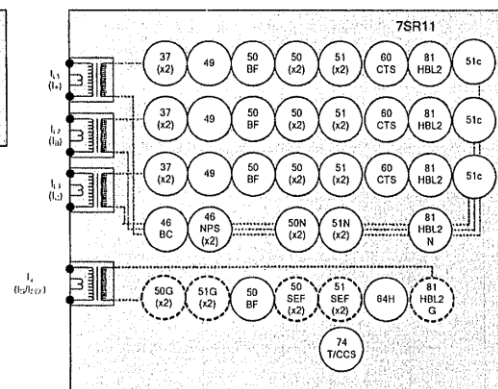


Fig. 1. Single Pole Overcurrent Relay



79 Optional

Fig. 2. Four Pole Overcurrent Relay

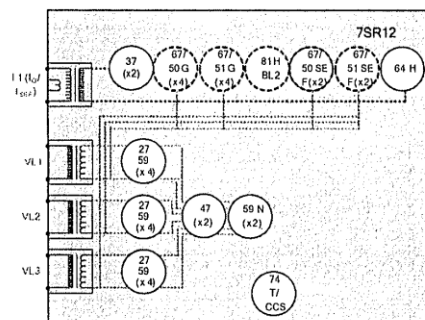
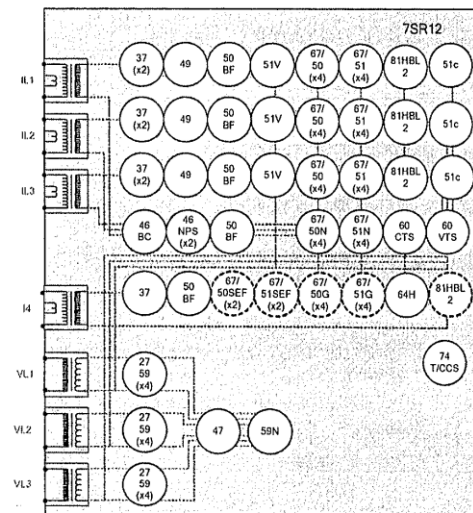


Fig. 3. Single Pole Directional Overcurrent Relay



79 Optional

Fig. 4. Four Pole Directional Overcurrent Relay

Notes

1. Items shown dotted are only available in some models, please refer to the Ordering Information Section.
2. The use of some functions are mutually exclusive.

Description of Functionality

27/59 Under/Over Voltage

Each element has settings for pickup level, drop-off level and Definite Time Lag (DTL) delays. Operates if voltage exceeds setting for duration of delay.

37 Undercurrent

Each element has settings for pickup level and Definite Time Lag (DTL) delays. Operates if current falls below setting for duration of delay.

46BC Phase Unbalance/Broken Conductor

Element has settings for pickup level and DTL delay. With the circuit breaker closed, if the NPS:PPS current ratio is above setting this could be due to a broken conductor.

46NPS Negative Phase Sequence Overcurrent

Each element has user settings for pickup level and IDMTL or DTL delay, operates if NPS current exceeds setting and delay. NPS current elements can be used to detect unbalances on the system or remote earth faults when a delta-star transformer is in circuit.

47 Negative Phase Sequence Voltage

Each element has settings for pickup level and Definite Time Lag (DTL) delays. Operates if NPS voltage exceeds setting for duration of delay.

49 Thermal Overload

The thermal algorithm calculates the thermal states from the measured currents and can be applied to lines, cables and transformers. Alarm outputs are given for thermal overload and thermal capacity.

50BF Circuit Breaker Fail

The circuit breaker fail function may be triggered from an internal trip signal or from a binary input. Line currents and earth currents are monitored following a trip signal and an output is issued if any current is still detected, above setting, after a specified time interval. Alternatively, if the trip is from a mechanical protection the circuit breaker position can be used to determine a failure. A second time delay is available to enable another stage to be utilized if required. An input is also available to bypass the time delays when the circuit breaker is known to be faulty.

50/51 Phase Fault

50 INST/DTL and 51 IDMTL/DTL elements provide overcurrent protection, each with independent settings for pickup current, time-multiplier (51) and time-delays. User can select IEC or ANSI time current characteristics. The IDMT stage has a user programmable reset characteristic, either DTL or shaped current ~ time reset characteristic, to improve grading with electromechanical protection.

50G/51G/50N/51N Earth Fault/Sensitive Earth Fault

Two earth fault measurement modes are available. One mode directly measures the earth current from an independent CT, or the residual connection of the 3 line CTs. This input can be ordered as either earth fault or sensitive earth fault (50G/51G).

The second mode derives the earth current internally from the 3 phase CT inputs to give earth fault (50N/51N). 50 INST/DTL and 51 IDMTL/DTL elements provide overcurrent protection, each with independent settings for pickup current, time-multiplier (51) and time-delays. User can select IEC or ANSI time current characteristics. The IDMT stage has a user programmable reset characteristic either DTL or shaped current ~ time reset characteristic to improve grading with electromechanical protection.

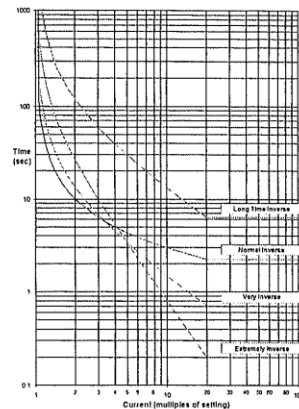


Fig. 5. IEC Overcurrent Curves

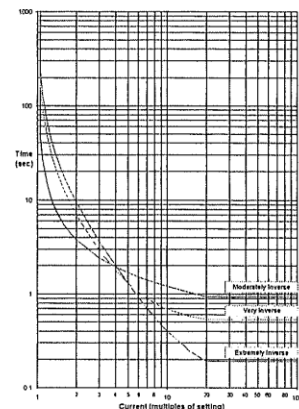


Fig. 6. ANSI Overcurrent Curves

51V Voltage Controlled Overcurrent

Each phase shaped overcurrent element can be independently controlled by the level of measured input voltage. For applied voltages above setting the 51-n element operates in accordance with its current setting but for voltages below the setting a multiplier is applied to reduce the 51-n pick up current setting.

59N Neutral Overvoltage

Neutral overvoltage can be used to detect earth faults in high impedance earthed or isolated systems. Operates if the neutral voltage exceeds setting for duration of delay.

60CTS CT Supervision

The relay has two methods of CT supervision depending upon the relay model. The 7SR11 monitors each phase current input and operates if any one or two inputs fall below the setting. The 7SR12 considers the presence of negative phase sequence current, without an equivalent level of negative phase sequence voltage, for a user set time as a CT failure.

Both element types have user operate and delay settings.

60VTS VT Supervision

The VT supervision uses a combination of negative phase sequence voltage and negative phase sequence current to detect a VT fuse failure. This condition may be alarmed or used to inhibit voltage dependent functions. Element has user operate and delay settings.

64H Restricted Earth Fault

The measured earth fault input may be used in a 64H high impedance restricted earth fault scheme to provide sensitive high speed unit protection. A calculation is required to determine the values of the external series stabilising resistor and non-linear shunt resistor which can be ordered separately.

67/67N Directional Control

Phase, earth and sensitive earth fault elements can be directionalised. Each element can be user set to Forward, Reverse, or Non-directional.

Directional Phase Fault elements are polarised from quadrature voltage.

Derived earth fault elements can be user set to be polarised from residual voltage or negative phase sequence voltage.

Measured earth fault elements are polarized from V_0 .

74T/C Trip & Close Circuit Supervision

The trip or close circuit(s) can be monitored via binary inputs. Trip circuit failure raises an HMI alarm and output(s).

81HBL2 Inrush Restraint

Where second harmonic current is detected (i.e. during transformer energisation) user selectable elements can be blocked and an alarm given.

51c Cold Load Pickup

If a circuit breaker is closed onto a 'cold' load, i.e. one that has not been powered for a prolonged period, this can impose a higher than normal load-current demand on the system which could exceed normal settings. These conditions can exist for an extended period and must not be interpreted as a fault. To allow optimum setting levels to be applied for normal operation, the cold load pickup feature will apply alternative current settings for a limited period. The feature resets when either the circuit breaker has been closed for a settable period, or if the current has reduced beneath a set level for a user set period.

Standard Version – Plus 79 Auto-Reclose

A high proportion of faults on an overhead line network are transient and can be cleared quickly by high speed tripping followed by an automated circuit breaker reclose sequence.

The function provides independent phase fault and earth fault / sensitive earth fault sequences of up to 5 trip i.e. 4 reclose attempts before lockout. An auto-reclose sequence can be user set to be initiated from internal protection operation or via binary input from an external protection.

Programmable Logic

The user can map binary inputs, protection elements, LEDs and binary outputs together in a logical scheme.

Up to 4 logic equations can be defined using standard logic functions e.g. Timers, AND/OR gates, Inverters and Counters to provide the user required functionality.

Each logic equation output can be used for alarm & indication and/or tripping.

Virtual Inputs/Outputs

There are 8 virtual inputs/outputs to provide internal logical states to assist in the application of the functions. Each virtual I/O can be assigned in the same way as a physical I/O.

Circuit Breaker Maintenance

Two circuit breaker operations counters are provided to assist with maintenance scheduling. The maintenance counter records the overall number of operations and the delta counter records the number of operations since the last reset.

An I²t summation counter provides a measure of the contact wear indicating the total energy interrupted by the circuit breaker contacts.

Each counter has a user set target operations count which, when reached, can be mapped to raise alarms/ binary outputs. A CB Trip Time meter is also available, which measures the time between the trip being issued and the auxiliary contacts changing state.

Control Mode

The relay has a control menu with access to commonly used command operations. Access to the control commands is restricted by a 4 character control function password. Each command requires a select then execute operation, if the execute operation is not performed within a time window the command is aborted. The following control functions are available:

CB Operation
Auto Reclose In/Out
Auto Reclose Trip & Reclose
Auto Reclose Trip & Lockout
SEF In/Out
Inst Prot In/Out
Hot Line Working In/Out

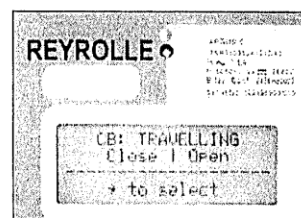


Fig. 7. Example of Control Function View

REYROLLE

Data Acquisition – via communication interface

Sequence of event records

Up to 1000 events are stored and time tagged to 1ms resolution.

Fault Records

The last 10 fault records are displayed on the relay fascia and are also available through the communication interface, with time and date of trip, measured quantities and type of fault.

Waveform recorder

The waveform recorder stores analogue data for all poles and the states of protection functions, binary inputs, LEDs and binary outputs with user settable pre & post trigger data. A record can be triggered from protection function, binary input or via data communications. 10 records of 1 second duration are stored.

Demand Metering

A rolling record of demand over the last 24h is stored. The demand is averaged over a user selectable period of time. A rolling record of such demand averages is stored and provides the demand history. A typical application is to record 15min averages for the last 7 days.

Real Time Clock

The time and date can be set and are maintained while the relay is de-energised by a back up storage capacitor. The time can be synchronized from a binary input pulse or the data communication channel.

Serial Communications

The relay offers a USB serial port as standard on the front of all units. All of the relays functions can be set on a PC using Reydisp Evolution via the USB port. The connection is made with a USB cable and operates with a 'plug and play' connection, so no pre-setting of the relay is required. The front port can be switched off or set to use either the DNP3.0, MODBUS-RTU, IEC60870-5-103 and ASCII protocols for testing purposes.

A rear RS485 electrical connection is available on all units for system interface connections. An internal terminating resistor is provided, which can be connected into the circuit by adding a wire loop between the relevant terminals.

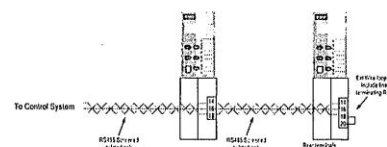


Fig. 8. Typical RS485 connection

The rear RS485 can be user selected to be Off or use the IEC60870-5-103, MODBUS RTU or DNP3.0 protocol.

Reydisp Evolution

Reydisp Evolution is a Windows based software tool, providing the means for the user to apply settings, interrogate settings and retrieve events and disturbance waveforms from the ARGUS-C and is common to the entire range of Reyrolle protection relays.

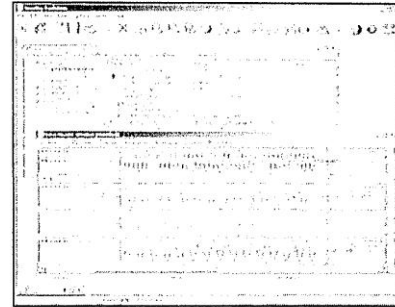


Fig. 9. Typical Reydisp Evolution Screenshot

A language editor feature allows the user to change the text descriptions displayed in the relays menu structure and instrumentation views.



Fig. 10. Typical Language Editor Screenshot

The standard protocol mapping provided within the IEC60870-5-103, DNP3.0 and MODBUS protocols can be modified using the protocol editor to match those of the SCADA system to which it is to be connected.

Construction

The relay is housed in a 4U high size E4 case with a removable clear plastic fascia cover. The plastic fascia cover can be ordered with or without two push buttons. to allow the user to view the settings and instruments without removing the cover.

Two plastic handles are provided to allow the relay to be withdrawn from its case, contacts in the case ensure that the CT circuits and normally closed contacts remain short circuited when the relay is withdrawn.

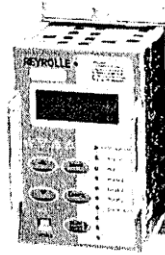


Fig. 11. Relay with element withdrawn

The rear terminal blocks comprise M4 female terminals for ring crimp wire connections, to provide a secure and reliable termination.

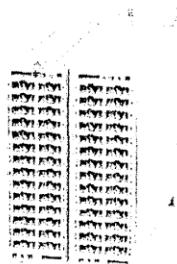


Fig. 12. Rear view of relay

User Interface

The operator interface is designed to provide a user friendly method of controlling, viewing menus, entering settings and retrieving data from the relay. Five buttons are provided for navigation around the menu structure.

LCD

A 4 line by 20 character liquid crystal display with power save operation indicates the relay identifier, settings, instrumentation, fault data and control commands.

Up to 6 user programmable general alarms can be configured to display your own indications on the LCD.

LEDs

A green steadily illuminated LED indicates the 'Protection Healthy' condition.

9 user programmable LEDs are available eliminating the need for expensive panel mounted pilot lights and associated wiring. Each LED is tri-color (red, green, yellow) allowing for clear indication of the associated function's state and has a label insert for identification.

Relay Information

The device is identified by the rating label on the fascia. The user can also give the device its own identity by editing the 'Relay Identifier' displayed on the LCD or space is provided to place a slip in label giving the relays function.

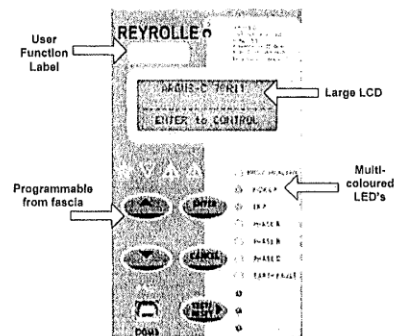


Fig. 13. User Interface

REYROLLE

Technical Data

For full technical data refer to the Performance Specification Section of the Technical Manual

Input Circuits

Current Inputs

Quantity	3 x Phase & 1 x Earth or Sensitive Earth
Rated Current I _N	1/5A
Measuring Range	80 x I _N
Instrumentation $\geq 0.1 \times I_N$	$\pm 1\% I_N$
Frequency	50/60Hz
Thermal Withstand	
Continuous	3 x I _N
10 Minutes	3.5 x I _N
2 Minutes	6 x I _N
1 Second	100A (1A) 350A (5A)
1 Cycle	700A (1A) 2500A (5A)
Burden @ I _N	0.1VA (1A phase and Earth element) 0.3VA (5A phase and earth element)

Voltage Inputs

Quantity	3 ph-ph
Nominal Voltage	40...160V a.c. Range
Instrumentation $\geq 0.8 \times V_N$	$\pm 1\% V_N$
Thermal Withstand	
Continuous	300V
1 Second	
Burden @ 110V	$\leq 0.06 VA$

Auxiliary Supply

Rated DC Voltage	110/125/220/250V Range 64 to 320 24/48/60V Range 16 to 80
Power Consumption	
Min	
Max	
Allowable superimposed ac component	12% of DC voltage
Allowable breaks/dips in supply (collapse to zero)	20ms

Binary Inputs

Number	3 or 6
Operating Voltage	19V dc Range 17 to 290V dc 88V Range 74 to 290V dc
Minimum dc current for operation	$\leq 1.5mA$
Pick Up Delay	User Selectable 0 to 14,400,00ms

Binary Outputs

Number	5 or 8 (3 change over contacts)
Operating Voltage	Voltage Free
Operating Mode	User selectable - Self or Hand/Electrical Reset or pulsed.
Operating Time from Energizing Binary Input	Typically 18ms
Making Capacity	
Carry continuously	5A ac or dc
Make and carry s (L/R $\leq 40 ms$ and $V \leq 300 V$)	20A ac or dc for 0.5s 30A ac or dc for 0.2s
Breaking Capacity ($\leq 5 A$ and $\leq 300 V$)	
AC Resistive	1250 VA
AC Inductive	250 VA at p.f. ≤ 0.4
DC Resistive	75 W
DC Inductive	30 W at L/R $\leq 40ms$ 50 W at L/R $\leq 10ms$

Unit Design

Housing	E4 (see dimension drawing)
Indication	20 Character 4 line Display Relay Healthy LED 9 Tri Coloured User Programmable Self or Hand Reset LED's
With-drawable Element	Yes
User Interface	5 Navigation Keys
Weight	Typical 3.1Kg
IP Rating Installed with cover	IP 50
IP Rating Installed with cover removed	IP 30

Serial Interface

Communication Port	Front USB Type B Rear RS485 2 wire electrical
Protocols	IEC60870-5-103 MODBUS RTU DNP3.0

Data Storage

Fault Record	10
Waveform Record	10 x 1sec 1x10sec Pre trigger 10...90%
Events	5000 1ms Resolution

Mechanical Tests**Vibration (Sinusoidal) IEC 60255-21-1 Class I**

Type	Level	Variation
Vibration response	0.5 gn	≤ 5 %
	1.0 gn	≤ 5 %

Shock and Bump IEC 60255-21-2 Class I

Type	Level	Variation
Shock response	5 gn, 11 ms	≤ 5 %
Shock withstand	15 gn, 11 ms	≤ 5 %
Bump test	10 gn, 16 ms	≤ 5 %

Seismic IEC 60255-21-3 Class I Mechanical Classification

Type	Level	Variation
Seismic response	1 gn	≤ 5 %

Mechanical Classification

Durability	> 10 ⁶ operations
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Electrical Tests**Insulation IEC 60255-5**

Type	Level
Between any terminal and earth	2.0 kV AC RMS for 1 min
Between independent circuits	2.0 kV AC RMS for 1 min
Across normally open contacts	1.0 kV AC RMS for 1 min

High Frequency Disturbance IEC 60255-22-1 Class III

Type	Level	Variation
Common (longitudinal)	2.5 kV	≤ 5 %
Series (transverse) mode	1.0 kV	≤ 5 %

Electrostatic Discharge IEC 60255-22-2 Class IV

Type	Level	Variation
Contact discharge	8.0 kV	≤ 5 %

Fast Transients IEC 60255-22-4 Class IV

Type	Level	Variation
5/50 ns 2.5 kHz repetitive	4kV	≤ 5 %

Surge Immunity IEC 60255-22-5

Type	Level	Variation
Between all terminals and earth	4.0 kV	≤ 10 %
Between any two independent circuits	2.0kV	≤ 10 %

Conducted Radio Frequency Interference IEC 60255-22-6

Type	Level	Variation
0.15 to 80 MHz	10 V	≤ 5 %

Emissions**IEC 60255-25 Radiated Radio Frequency**

Type	Limits at 10 m, Quasi-peak
30 to 230 MHz	40 dB(μV)
230 to 10000 MHz	47 dB(μV)

Conducted Radio Frequency

Type	Limits	Average
	Quasi-peak	
0.15 to 0.5 MHz	79 dB(μV)	66 dB(μV)
0.5 to 30 MHz	73 dB(μV)	60 dB(μV)

Radiated Immunity IEC 60255-22-3 Class III

Type	Level	Variation
80 MHz to 1000 MHz	10 V/m	≤ 5 %

Climatic Tests**Temperature IEC 60068-2-1/2**

Operating Range	-10 °C to +55 °C
Storage range	-25 °C to +70 °C

Humidity IEC 60068-2-3

Operational test	56 days at 40 °C and 95 % relative humidity
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Performance**27/59 Under/Over Voltage**

Number of Elements	4 Under or Over
Operate	Any phase or All phases
Voltage Guard	1,1.5...200V
Setting Range Vs	5,5.5...200V
Hysteresis Setting	0.0.1...80%
Vs Operate Level	100% Vs, ±1% or ±0.25V
Reset Level: Undervoltage	=(100%-hyst)xVop, ±1%
Overvoltage	=(100%+hyst)xVop, ±1%
Delay Setting td	0.00,0.01...20,20.5...100,101...1000,1010...10000,10100...14400s
Basic Operate Time	
0 to 1.1xVs	73ms ±10ms
0 to 2.0xVs	63ms ±10ms
1.1 to 0.5xVs	58ms ±10ms
Operate time following delay.	Tbasic +td, ±1% or ±10ms
Inhibited by	Binary or Virtual Input VT Supervision Voltage Guard

37 Undercurrent

Number of Elements	2
Setting Range Is	0.05,0.10...5.0 x In
Operate Level	100% Is, ±5% or ±1%xIn
Delay Setting td	0.00,0.01...20,20.5...100,101...1000,1010...10000,10100...14400s
Basic Operate Time 1.1 to 0.5xIn	35ms ±10ms
Operate time following delay.	Tbasic +td, ±1% or ±10ms
Overshoot Time	< 40ms
Inhibited by	Binary or Virtual Input

46 Negative Phase Sequence Overcurrent

Number of Elements	DT & IT
DT Setting Range Is	0.05,0.10...5.0 x In
DT Operate Level	100% Is, ±5% or ±1%xIn
DT Delay Setting td	0.00,0.01...20,20.5...100,101...1000,1010...10000,10100...14400s
DT Basic Operate Time 1.1 to 0.5xIn	35ms ±10ms
DT Operate time following delay.	Tbasic +td, ±1% or ±10ms
IT Char Setting	IEC NI,VI,EI,LTI ANSI MI,VI,EI & DTL
IT Setting Range	0.05..2.5
Tm Time Multiplier	0.025,0.050...1.6
Char Operate Level	105% Is, ±4% or ±1%xIn
Overshoot Time	< 40ms
Inhibited by	Binary or Virtual Input

47 Negative Phase Sequence

Number of Elements	2
Setting Range Vs	1,1.5...90V
Hysteresis Setting	0,0.1...80%
Operate Level	100% Vs, ±2% or ±0.5V
Delay Setting td	0.00,0.01...20,20.5...100,101...1000,1010...10000,10100...14400s
Basic Operate Time	
0V to 1.5xVs	80ms ±20ms
0V to 10xVs	55ms ±20ms
Operate time following delay.	Tbasic +td, ±2% or ±20ms
Overshoot Time	< 40ms
Inhibited by	Binary or Virtual Input

49 Thermal Overload

Operate levels	Operate and Alarm
Setting Range Is	0.10,0.11...3.0 x In
Operate Level	100% Is, ±5% or ±1%xIn
Time Constant Setting	1,1.5...1000min
Operate time	$t = t \times \ln \left\{ \frac{I^2 \cdot I_p^2}{I^2 \cdot (k \times I_n)^2} \right\}$ ±5% absolute or ±100ms where Ip = prior current
Alarm Level	Disabled, 50,51...100%
Inhibited by	Binary or Virtual Input

50 (67) Instantaneous & DTL OC&EF (Directional)

Operation – 7SR12 only	Non directional, Forward or reverse
Elements	Phase, Derived Earth and Measured Earth
Number of Elements	2/4 x OC
2 x 7SR11	2/4 x Derived EF 'N'
4 x 7SR12	2/4 x Measured EF 'G' where fitted 2/4 x SEF where fitted
Setting Range Is	0.10,0.11...2.5 x In SEF 0.005...5 x In
Operation – 7SR12 only	Non directional, Forward or reverse
Time Delay	0.00...14400s
Operate Level	100% Is, ±5% or ±1%xIn
Operate time - 50	0 to 2xIs – 35ms, ±10ms, 0 to 5xIs – 25ms, ±10ms
50N	0 to 2xIs – 40ms, ±10ms, 0 to 5xIs – 30ms, ±10ms
Operate time following delay	Tbasic +td, ±1% or ±10ms
Inhibited by	Binary or Virtual Input Inrush detector VT Supervision

51(67) Time Delayed OC&EF (Directional)

Operation – 7SR12 only	Non directional, Forward or reverse
Elements	Phase, Derived Earth, Measured Earth & SEF
Number of Elements	2/4 x OC
2 x 7SR11	2/4 x Derived EF 'N'
4 x 7SR12	2/4 x Measured EF 'G'
	2/4 x SEF where fitted
Operation – 7SR12 only	Non directional, Forward or reverse
Characteristic	IEC NI,VI,EI,LTi ANSI MI,VI,EI & DTL
Setting Range Is	0.05,0.1...2.5 x In SEF 0.005...1 x In
Time Multiplier	0.025,0.05...1.6
Time Delay	0,0.01... 20s
Operate Level	105% Is, ±4% or ±1%×In
Minimum Operate time IEC	$t_{op} = \frac{K}{\left[\frac{I}{I_s}\right]^{\alpha} - 1} \times Tm,$
ANSI	$t_{op} = \left[\frac{A}{\left[\frac{I}{I_s}\right]^p - 1} + B \right] \times Tm$ ± 5 % absolute or ± 30 ms
Follower Delay	0 - 20s
Reset	Ansi decaying, 0 – 60s
Inhibited by	Binary or Virtual Input Inrush detector VT Supervision

51V Voltage Controlled Overcurrent

Setting Range	5,5.5...200V
Operate Level	100% Vs, ±5% or ±1%×Vn
Multiplier	0.25,0.3...1 x 51Is
Inhibited by	VT Supervision

50BF Circuit Breaker Fail

Operation	Current check - Phase and Measured Earth with independent settings Mechanical Trip CB Faulty Monitor
Setting Range Is	0.05,0.055...2.0 x In
2 Stage Time Delays	Timer 1 0,5...60000ms Timer 2 0,5...60000ms
Operate Level	100% Is, ±5% or ±1%×In
Basic Operate time	<20ms
Operate time following delay	Tdelay ±1% or ±10ms
Triggered by	Any function mapped as trip contact.
Inhibited by	Binary/Virtual Input
Timer By pass	Yes, 50BF CB Faulty Input

59N Neutral Voltage Displacement

Number of Elements	DT & IT
DT Setting Range Is	1...100V

DT Operate Level	100% Vs, ±5% or ±1%×Vn
DT Delay Setting Id	0 ...14400s
DT Basic Operate Time 0V to 1.5×Vs	76ms ±20ms
DT Operate time following delay.	Tbasic +td, ±1% or ±20ms
IT Char Setting	IEC NI,VI,EI,LTi ANSI MI,VI,EI & DTL
IT Setting Range	1...100V
Tm Time Multiplier(IDMT)	0.1...140
Delay (DTL)	0...20s
Reset	ANSI Decaying...60s
Char Operate Level	105% Vs, ±4% or ±1%×Vn
Inhibited by	Binary or Virtual Input

60 Supervision

CT	7SR11 Current 7SR12 Vnps & Inps
VT	nps/zps

64H Restricted Earth Fault

Setting Range	0.05...0.95×In
Operate Level	100% Is, ±5% or ±1%×In
Time Delay	0.00... 14400s
Basic Operate Time	0 to 2 xIs 45ms ±10ms 0 to 5 xIs 35ms ±10ms
Inhibited by	Binary or Virtual Input

74T/CC Trip/Close Circuit Supervision

Number of supervisable circuits	3 x Trip and 3 x Close
Number of BI's Required	1 or 2 per function

79 AutoReclose

Operating Mode	Phase, Earth, SEF External
Number of Reclosures	4
Number of Trips	5
Dead Time	0...14400
Reclaim Time	0...600
Lockout Reset	CB, Timer & BI

Control Functions

CB	Open/Close
Inst Prot	IN/OUT
EF	IN/OUT
SEF	IN/OUT
Hot Line	IN/OUT
Relay Mode	Local/Remote/Local or Remote
Reset	LED's & O/P's

CB Maintenance

Trip Counter	Total & Delta 0...10000
Counts to AR Block	0...10000
Frequent Operations	0...10000
I²t Alarm	10...100000

E4 Case Dimensions

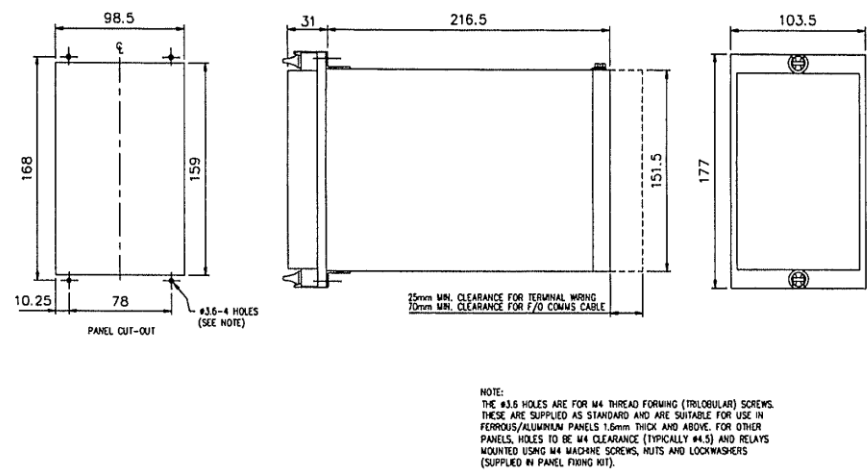


Fig. 14. Relay Dimensions

Connection Diagrams – ARGUS-C

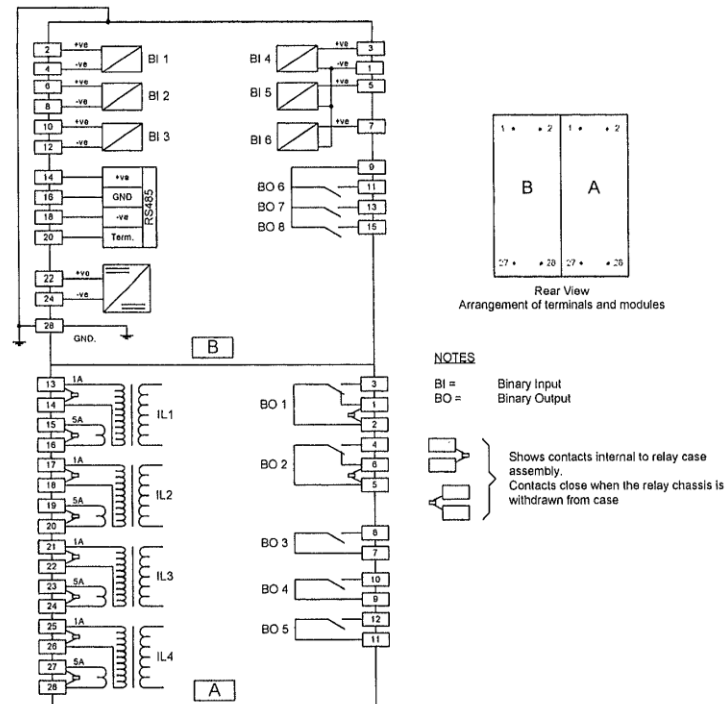


Fig. 15. Diagram showing 7SR11 relay with 4 CT inputs with 6 binary inputs and 8 binary outputs.

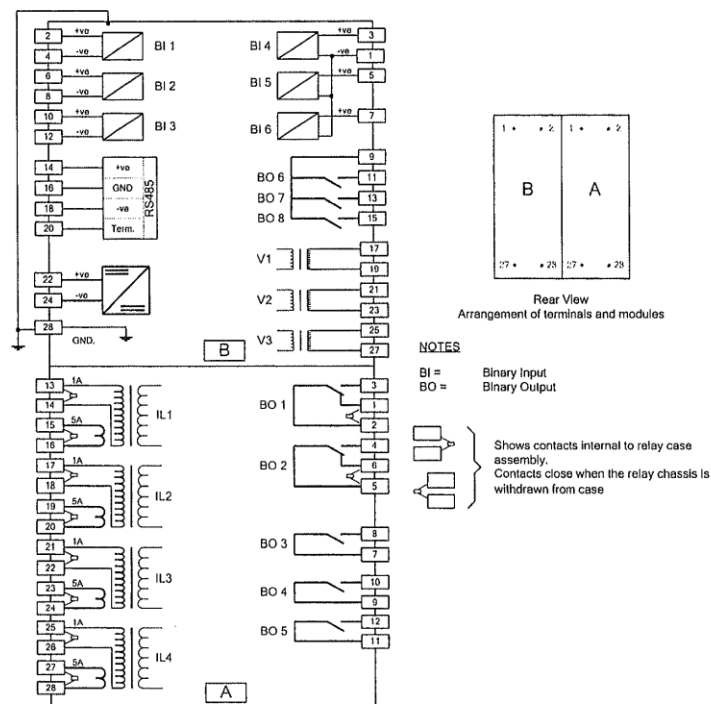


Fig. 16. Diagram showing 7SR12 relay with 4 CT inputs, 3 VT inputs with 6 binary inputs and 8 binary outputs.

Ordering Information – ARGUS-C 7SR11 Non-Directional Overcurrent

Product description	Variants	Order No.
Nondirectional O/C Relay		7 S R 1 1 0 □ □ □ A 1 2 □ □ A 0
Compact overcurrent and earth fault protection relay		
<u>Protection Product</u>	Overcurrent – Non Directional	1
<u>Case I/O and Fascia</u>		
E4 case, 1 CT, 3 Binary Inputs / 5 Binary Outputs, 10 LEDs		1
E4 case, 4 CT, 3 Binary Inputs / 5 Binary Outputs, 10 LEDs		2
E4 case, 4 CT, 6 Binary Inputs / 8 Binary Outputs, 10 LEDs		3
<u>Measuring Input</u>		
1/5 A, 50/60Hz ¹⁾		1
1/5 A, 50/60Hz with SEF Input ²⁾		3
<u>Auxiliary voltage</u>		
80 to 250V DC, binary input threshold 19V DC		G
80 to 250V DC, binary input threshold 88V DC		H
24 to 60V DC, binary input threshold 19V DC		J
<u>Communication Interface</u>		
Standard version – included in all models, USB front port, RS485 rear port		1
<u>Protocol</u>		
IEC 60870-5-103 and Modbus RTU and DNP3 (user selectable setting)		2
<u>Relay Cover</u>		
Standard Version – No Push Buttons		1
Push Buttons – Down and Right Arrows		2
<u>Protection Function Packages</u>		
Standard version – Included in all models		
37 Undercurrent		
46BC ³⁾ Broken conductor/load unbalance		
46NPS ³⁾ Negative phase sequence overcurrent		
49 ³⁾ Thermal overload		
50 ³⁾ Instantaneous phase fault overcurrent		
50BF ³⁾ Circuit breaker fail		
50G/50N Instantaneous earth fault		
50SEF ²⁾ Instantaneous sensitive earth fault		
51 ³⁾ Time delayed phase fault overcurrent		
51G/51N Time delayed earth fault/SEF		
51SEF ²⁾ Time delayed sensitive earth fault		
60CTS ³⁾ CT Supervision		
64H High Impedance REF		
74T/CC Trip & Close circuit supervision		
81HBL2 ⁴⁾ 2 nd Harmonic Block/Inrush Restraint		
51c ³⁾ Cold load pickup		
Programmable logic		
Standard version – plus		
79 Autoreclose		
<u>Additional Functionality</u>		
No Additional Functionality		

¹⁾4CT is configured as 3PF + EF.²⁾4CT is configured as 3PF + SEF/REF³⁾ Functions only available in 4CT relay⁴⁾ Not available in SEF model

Ordering Information – ARGUS-C 7SR12 Directional Overcurrent

Product description	Variants	Order No.
Directional O/C Relay		7 S R 1 2 0 □ □ □ A 1 2 - □ □ A 0
Compact directional Overcurrent and earth Fault Protection relay		
	<u>Protection Product</u> Overcurrent – Directional	2
	<u>Case I/O and Fascia</u> E4 case, 1 CT, 3VT, 3 Binary Inputs / 5 Binary Outputs, 10 LEDs E4 case, 4 CT, 3VT, 3 Binary Inputs / 5 Binary Outputs, 10 LEDs E4 case, 4 CT, 3VT, 6 Binary Inputs / 8 Binary Outputs, 10 LEDs	4 5 6
	<u>Measuring Input</u> 1/5 A, 63.5/110V, 50/60Hz ¹⁾ 1/5 A, 63.5/110V, 50/60Hz with SEF ²⁾	2 4
	<u>Auxiliary voltage</u> 80 to 250V DC, binary input threshold 19V DC 80 to 250V DC, binary input threshold 88V DC 24 to 60V DC, binary input threshold 19V DC	G H J
	<u>Communication Interface</u> Standard version – included in all models, USB front port, RS485 rear port	1
	<u>Protocol</u> IEC 60870-5-103 and Modbus RTU and DNP3 (user selectable setting)	2
	<u>Relay Cover</u> Standard Version – No Push Buttons Push Buttons – Down and Right Arrows	1 2
	<u>Protection Function Packages</u> Standard version – included in all models 27/59 Under/overvoltage 37 Undercurrent 46BC ³⁾ Broken conductor/load unbalance 46NPS ³⁾ Negative phase sequence overcurrent 47 Negative phase sequence voltage 49 ³⁾ Thermal overload 50BF ³⁾ Circuit breaker fail 51V ³⁾ Voltage dependent overcurrent 59N Neutral voltage displacement 60CTS ³⁾ CT supervision 60VTS ³⁾ VT supervision 64H High Impedance REF 67/50 Directional instantaneous phase fault overcurrent 67/50G 67/50N Directional instantaneous earth fault 50SEF ²⁾ Directional instantaneous sensitive earth fault 67/51 Directional time delayed phase fault overcurrent 67/51G 67/51N Directional time delayed earth fault 67/51SEF ²⁾ Directional time delayed sensitive earth fault 81HBL ²⁾ 2 nd Harmonic Block/Inrush Restraint 74T/CC Trip & close circuit supervision 51c ³⁾ Cold load pickup Programmable logic	C D
	Standard version – plus 79 Autoreclose	
	<u>Additional Functionality</u> No Additional Functionality	A

¹⁾ 4CT is configured as 3PF + EF.²⁾ 4CT is configured as 3PF + SEF/REF.³⁾ Functions only available in 4CT relay⁴⁾ Not available in SEF model

Related Documents

Technical Manual

Qualifications

Siemens Protection Devices Limited operates a quality system accredited to ISO9001.
CE Compliant to relevant EU Directives.

Siemens Protection Devices Limited
PO Box 8
North Farm Road
Hebburn
Tyne & Wear
NE31 1TZ
United Kingdom
Tel: ++44 (0)191 401 7901
Fax: ++44 (0)191 401 5575
Web: www.reyrolle-protection.com

PTD 24hr Customer Support
Tel: +49 180 524 7000
Fax: +49 180 524 2471
E-mail: support.energy@siemens.com

Data is subject to change without notification.

08 April 2009

REYROLLE

Penalties of R1 000.00 per day will be charged for each day for late delivery.

Guarantee period of 12 months is required.

10 Legal review

A Proposal submitted by a Respondent will be subjected to review and acceptance or rejection of its proposed contractual terms and conditions by Transnet's Legal Counsel, prior to consideration for an award of business.

11 Security clearance

Acceptance of this bid could be subject to the condition that the Successful Respondent, its personnel providing the goods and its subcontractor(s) must obtain security clearance from the appropriate authorities to the level of CONFIDENTIAL/ SECRET/TOP SECRET. Obtaining the required clearance is the responsibility of the Successful Respondent. Acceptance of the bid is also subject to the condition that the Successful Respondent will implement all such security measures as the safe performance of the contract may require.

12 National Treasury's Central Supplier Database

Respondents are required to self-register on National Treasury's Central Supplier Database (CSD) which has been established to centrally administer supplier information for all organs of state and facilitate the verification of certain key supplier information. Transnet is required to ensure that price quotations are invited and accepted from prospective bidders listed on the CSD. Business may not be awarded to a respondent who has failed to register on the CSD. Only foreign suppliers with no local registered entity need not register on the CSD. The CSD can be accessed at <https://secure.csd.gov.za/>.

For this purpose, the attached SBD 1 Form must be completed and submitted as a mandatory returnable document by the closing date and time of the bid.

13 Tax Compliance

Respondents must be compliant when submitting a proposal to Transnet and remain compliant for the entire contract term with all applicable tax legislation, including but not limited to the Income Tax Act, 1962 (Act No. 58 of 1962) and Value Added Tax Act, 1991 (Act No. 89 of 1991).

It is a condition of this bid that the tax matters of the successful Respondents be in order, or that satisfactory arrangements have been made with South African Revenue Service (SARS) to meet the Respondents tax obligations.

The Tax Compliance status requirements are also applicable to foreign Respondents/ individuals who wish to submit bids.

Where Consortia / Joint Ventures / Sub-contractors are involved, each party must be registered on the Central Supplier Database and their tax compliance status will be verified through the Central Supplier Database.

Transnet urges its clients, suppliers and the general public to report any fraud or corruption to
TIP-OFFS ANONYMOUS:



Ethics Helpdesk (Pty) LTD.
Ethics Management Systems™

You can choose to be Anonymous or Non-Anonymous on ANY of the platforms
PLEASE RETAIN YOUR REFERENCE NUMBER



AI Voice Bot "Jack"
Speak to our AI Voice Chat Bot "JACK", you converse with him like chatting to a human, with the option to record a message and speak to an agent at anytime.



What's App
Speak to an Agent via What's App.



Speak to an Agent
Speak to an Agent via the platform with no call or data charge



Telegram
Speak to an Agent via Telegram



0800 003 056



086 551 4153



reportit@ethicshelpdesk.com



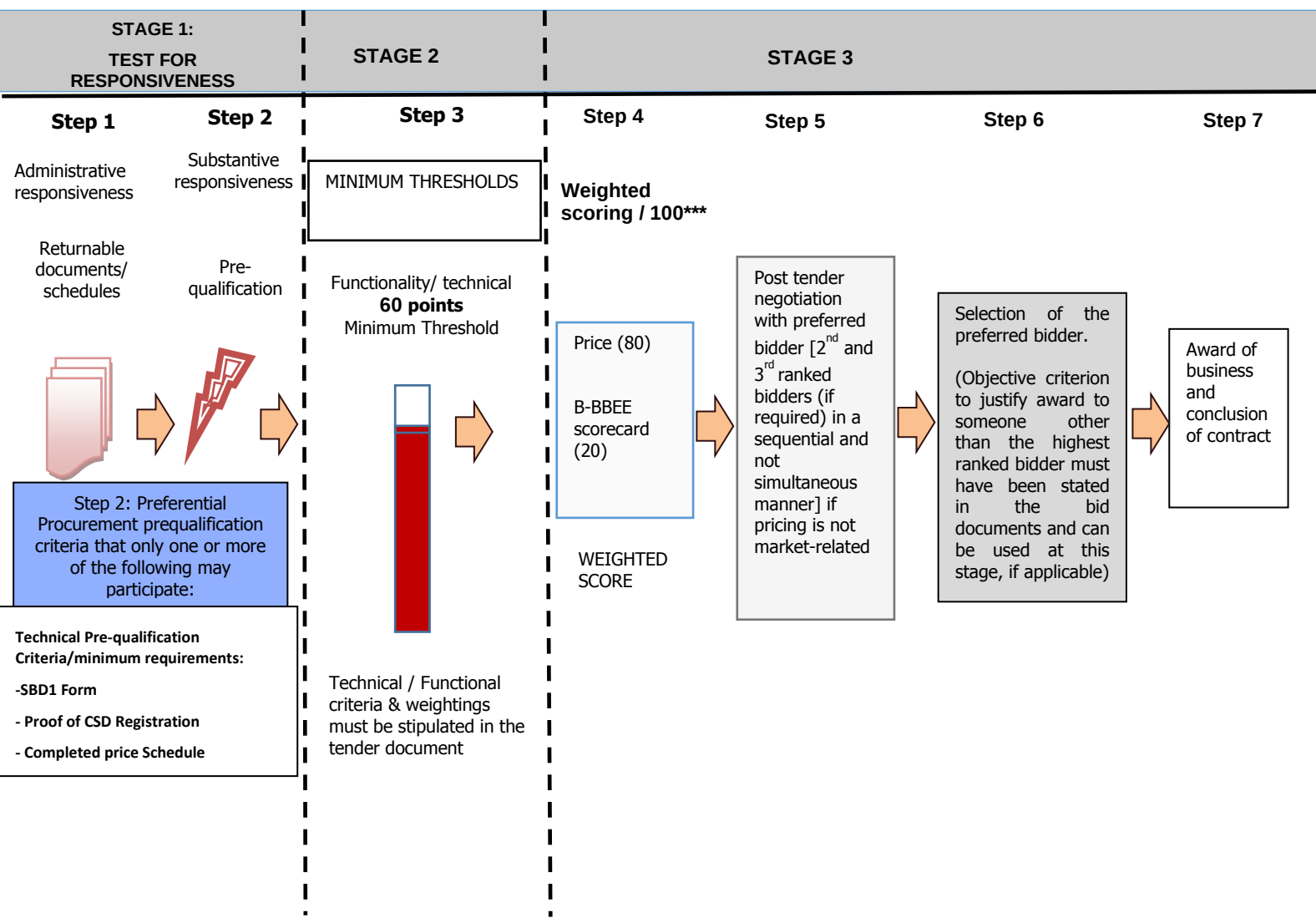
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SECTION 3

EVALUATION METHODOLOGY, CRITERIA AND RETURNABLE DOCUMENTS

1 Evaluation Criteria

Transnet will utilise the following methodology and criteria in selecting a preferred Supplier/Service provider:



1.1 STEP ONE: Test for Administrative Responsiveness

The test for administrative responsiveness will include the following:

Administrative responsiveness check	RFQ Reference
• Whether the Bid has been lodged on time	
• Whether all Returnable Documents and/or schedules [where applicable] were completed and returned by the closing date and time	Section 3
• Verify the validity of all returnable documents	Section 3
• Verify if the Bid document has been duly signed by the authorised respondent	All sections

The test for administrative responsiveness [Step One] must be passed for a Respondent's Proposal to progress to Step Two for further pre-qualification

1.2 STEP TWO: Test for Substantive Responsiveness to RFQ

The test for substantive responsiveness to this RFQ will include the following:

Check for substantive responsiveness	RFQ Reference
Whether any general and legislation qualification criteria (excluding preferential procurement) set by Transnet, have been met	<i>All sections</i>
Whether the Bid contains a priced offer	<i>Section 4 - Quotation Form</i>
Whether the Bid materially complies with the scope and/or specification given	<i>All Sections</i>

The test for substantive responsiveness [Step Two] must be passed for a Respondent's proposal to progress to Step Three for further evaluation

1.3 STEP THREE: Minimum Threshold 60 points for Technical Criteria

The test for the Technical and Functional threshold will include the following:

Technical Evaluation Criteria	Points Weightings	Scoring guideline (0 to 5)
Delivery Lead Time	40	0 = 11 Weeks or more delivery lead time from date of receiving purchase order / No documentation provided. 1 = 10 Weeks delivery lead-time from date of receiving purchase order. 2 = 9 Weeks delivery lead-time from date of receiving purchase order. 3 = 8 Weeks delivery lead-time from date of receiving purchase order. 4 = 7 Weeks delivery lead-time from date of receiving purchase order. 5 = 6 Week or less delivery lead-time from date of receiving purchase order.
Previous Experience	30	0 = No Experience in this field of work / No proof provided 1 = 1 Contactable reference relevant to this RFQ with a completion certificate, written reference or in execution 2 = 2 Contactable references relevant to this RFQ with a completion certificate, written reference or in execution 3 = 3 Contactable references relevant to this RFQ with a completion certificate, written reference or in execution 4 = 4 Contactable references relevant to this RFQ with a completion certificate, written reference or in execution 5 = 5 Or more Contactable references relevant to this RFQ with a completion certificate, written reference or in execution
Technical Compliance	30	0 = Non-Compliance 5 = Full Compliance
Total Weighting:	100	
Minimum qualifying score required:	60	

Respondents are to note that Transnet will round off final technical scores to the nearest 2 (two) decimal places for the purposes of determining whether the technical threshold has been met.

The minimum threshold for technical/functionality [Step Three] must be met or exceeded for a Respondent's Proposal to progress to Step Four for final evaluation

1.4 STEP FOUR: Evaluation and Final Weighted Scoring

a) **Price Criteria** [Weighted score 80 points]:

Evaluation Criteria	RFP Reference
• Commercial offer	<i>Section 4</i>

Transnet will utilise the following formula in its evaluation of Price:

$$PS = 80 \left(1 + \frac{Pt - P_{max}}{P_{max}} \right)$$

Where:

Ps = Points scored for the price of Bid under consideration

Pt = Price of Bid under consideration

P_{max} = Price of highest acceptable Bid

b) **Broad-Based Black Economic Empowerment criteria** [Weighted score 20 points]

- B-BBEE - current scorecard / B-BBEE Preference Points Claims Form
- Preference points will be awarded to a bidder for attaining the B-BBEE status level of contribution in accordance with the table indicated in Section 4.1 of the B-BBEE Preference Points Claim Form.

1.5 STEP FIVE: Post Tender Negotiations (if applicable)

- Respondents are to note that Transnet may not award a contract if the price offered is not market-related. In this regard, Transnet reserves the right to engage in PTN with the view to achieving a market-related price or to cancel the tender. Negotiations will be done in a sequential manner i.e.:
 - first negotiate with the highest ranked bidder or cancel the bid, should such negotiations fail,
 - negotiate with the 2nd and 3rd ranked bidders (if required) in a sequential manner.
- In the event of any Respondent being notified of such short-listed/preferred bidder status, his/her bid, as well as any subsequent negotiated best and final offers (BAFO), will automatically be deemed to remain valid during the negotiation period and until the ultimate award of business.
- Should Transnet conduct post tender negotiations, Respondents will be requested to provide their best and final offers to Transnet based on such negotiations. Where a market related price has been achieved through negotiation, the contract will be awarded to the successful Respondent(s).

1.6 STEP SIX: Award of business and conclusion of contract

- Immediately after approval to award the contract has been received, the successful or preferred bidder(s) will be informed of the acceptance of his/their Quotation by way of a Letter of Award. Thereafter the final contract will be concluded with the successful Respondent(s).
- Otherwise, a final contract will be concluded and entered into with the successful Bidder at the acceptance of a letter of award by the Respondent.

2 Validity Period

Transnet requires a validity period of 90 [NINETY] Business Days from the closing date of this RFQ, excluding the first day and including the last day.

Bidders are to note that they may be requested to extend the validity period of their bid, on the same terms and conditions, if the internal evaluation process has not been finalised within the validity period. However, once the adjudication body has approved the process and award of the business to the successful bidder(s), the validity of the successful bidder(s)' bid will be deemed to remain valid until a final contract has been concluded.

3 Disclosure of contract information**Prices Quoted**

Respondents are to note that, on award of business, Transnet is required to publish the tendered prices of the successful and unsuccessful Respondents *inter alia* on the National Treasury e-Tender Publication Portal, (www.etenders.gov.za), as required per National Treasury Instruction Note 01 of 2015/2016.

Johannesburg Stock Exchange Debt Listing Requirements

Transnet may also be required to disclose information relating to the subsequent contract i.e. the name of the company, goods/services provided by the company, the value and duration of the contract, etc. in compliance with the Johannesburg Stock Exchange (JSE) Debt Listing Requirements.

Domestic Prominent Influential Persons (DPIP) OR Foreign Prominent Public Officials (FPPO)

Transnet is free to procure the services of any person within or outside the Republic of South Africa in accordance with applicable legislation. Transnet shall not conduct or conclude business transactions, with any Respondents without having:

- Considered relevant governance protocols;
- Determined the DPIP or FPPO status of that counterparty; and
- Conducted a risk assessment and due diligence to assess the potential risks that may be posed by the business relationship.

As per the Transnet Domestic Prominent Influential Persons (DPIP) and Foreign Prominent Public Officials (FPPO) and Related Individuals Policy available on Transnet website <https://www.transnet.net/search/pages/results.aspx?k=FPIDP#k=DPIP>, Respondents are required to disclose any commercial relationship with a DPIP or FPPO (as defined in the Policy) by completing the following section:

The below form contains personal information as defined in the Protection of Personal Information Act, 2013 (the "Act"). By completing the form, the signatory consents to the processing of her/his personal information in accordance with the requirements of the Act. Consent cannot unreasonably be withheld.

Is the Respondent (Complete with a "Yes" or "No")						
A DPIP/FPPO		Closely Related to a DPIP/FPPO		Closely Associated to a DPIP/FPPO		
List all known business interests, in which a DPIP/FPPO may have a direct/indirect interest or significant participation or involvement.						
No	Name of Entity / Business	Role in the Entity / Business (Nature of interest/ Participation)	Shareholding %	Registration Number	Status (Mark the applicable option with an X)	
					Active	Non-Active
1						
2						
3						

Respondents declaring a commercial relationship with a DPIP or FPPO are to note that Transnet is required to annually publish on its website a list of all business contracts entered into with DPIP or FPPO. This list will include successful Respondents, if applicable.

4 Returnable Documents

Returnable Documents means all the documents, Sections and Annexures, as listed in the tables below. There are three types of returnable documents as indicated below and Respondents are urged to ensure that these documents are returned with their bids based on the consequences of non-submission as indicated below:

Mandatory Returnable Documents	<i>Failure to provide all these Mandatory Returnable Documents at the Closing Date and time of this RFQ <u>will</u> result in a Respondent's disqualification.</i>
Returnable Documents Used for Scoring	<i>Failure to provide all Returnable Documents used for purposes of scoring a bid, by the closing date and time of this bid will not result in a Respondent's disqualification. However, Bidders will receive an automatic score of zero for the applicable evaluation criterion.</i>
Essential Returnable Documents	<i>Failure to provide essential Returnable Documents <u>will</u> result in Transnet affording Respondents a further opportunity to submit by a set deadline. Should a Respondent thereafter fail to submit the requested documents, this may result in a Respondent's disqualification.</i>

All Returnable Sections, as indicated in the header and footer of the relevant pages, must be signed, stamped and dated by the Respondent.

a) Mandatory Returnable Documents

Respondents are required to submit with their bid submissions the following **Mandatory Returnable Documents**, and also to confirm submission of these documents by so indicating [Yes or No] in the tables below:

Mandatory Returnable Documents	Submitted [Yes or No]
SECTION 1: SBD1 Form	
SECTION 4 : Quotation Form	

b) Returnable Documents Used for Scoring

In addition to the requirements of section (a) above, Respondents are further required to submit with their Proposals the following **Returnable Documents Used for Scoring** and also to confirm submission of these documents by so indicating [Yes or No] in the table below:

RETURNABLE DOCUMENTS USED FOR SCORING	SUBMITTED [Yes or No]
Valid proof of Respondent's compliance to B-BBEE requirements stipulated in Section 7 of this RFP (Valid B-BBEE certificate or Sworn Affidavit)	
SECTION 09: Previous Experience	
SECTION 10: Delivery Lead-time	
SECTION 11: Technical Compliance	

c) Essential Returnable Documents:

Over and the above the requirements of section (a) and (b) mentioned above, Respondents are further required to submit with their Proposals the following **Essential Returnable Documents** and also to confirm submission of these documents by so indicating [Yes or No] in the table below:

ESSENTIAL RETURNABLE DOCUMENTS & SCHEDULES	SUBMITTED [Yes or No]
In the case of Joint Ventures, a copy of the Joint Venture Agreement or written confirmation of the intention to enter into a Joint Venture Agreement	
Tax Clearance Certificate or electronic access PIN obtained from SARS's new Tax Compliance Status (TCS) system [Consortia / Joint Ventures must submit a separate Tax Clearance Certificate/PIN for each party]	
SECTION 3: Evaluation Methodology, Criteria And Returnable Documents	
SECTION 5: Certificate of Acquaintance with RFQ Documents	
SECTION 6: RFQ Declaration and Breach of Law Form	
SECTION 7: B-BBEE Preference Claim Form	
SECTION 8: Protection of Personal Information	
Proof of CSD Registration (TO BE ATTACHED)	
Supplier Declaration Form	

5 CONTINUED VALIDITY OF RETURNABLE DOCUMENTS

The successful Respondent will be required to ensure the validity of all returnable documents, including but not limited to its valid proof of B-BBEE status, for the duration of any contract emanating from this RFQ.

Should the Respondent be awarded the contract [**the Agreement**] and fail to present Transnet with such renewals as and when they become due, Transnet shall be entitled, in addition to any other rights and remedies that it may have in terms of the eventual Agreement, to terminate such Agreement immediately without any liability and without prejudice to any claims which Transnet may have for damages against the Respondent.

Respondent's Signature

Date & Company Stamp

SECTION 4
QUOTATION FORM

I/We _____

hereby offer to supply the goods/services at the prices quoted in the Price Schedule below, in accordance with the conditions related thereto.

I/We agree to be bound by those terms and conditions in:

- the Standard RFQ Terms and Conditions for the Supply of Goods or Services to Transnet; and
- any other standard or special conditions embodied in this Request for Quotation.

I/We accept that unless Transnet should otherwise decide and so inform me/us, this Quotation [and, if any, its covering letter and any subsequent exchange of correspondence], together with Transnet's acceptance thereof shall constitute a binding contract between Transnet and me/us. I/We further agree that if, after I/we have been notified of the acceptance of my/our Quotation, I/we fail to deliver the said goods/service/s within the delivery lead-time quoted, Transnet may, without prejudice to any other legal remedy which it may have, cancel the order and recover from me/us any expenses incurred by Transnet in calling for Quotations afresh and/or having to accept any less favourable offer.

Respondent's Signature

Date & Company Stamp

Price Schedule

I/We quote as follows for the goods/services required, on a "delivered nominated destination" basis, including VAT:

Item No	Description of Item	Unit	Quantity	Sub Total	TOTAL PRICE OF ITEM [ZAR]
1	Main & Auxiliary Protection Relay – 7SR1102 Argus Relay	Each	13		
2	Delivery to Kimberley	Sum	1		
TOTAL PRICE, exclusive of VAT:					
VAT 15% (if applicable)					
Total Inclusive of VAT (where applicable)					

Delivery Lead-Time from date of purchase order: _____ **[days/weeks]**

Respondents are to note that Transnet will round off final pricing scores to the nearest 2 (two) decimal places.

Notes to Pricing:

- a) Respondents are to note that if the price offered by the highest scoring bidder is not market-related, Transnet may not award the contract to that Respondent. Transnet may-
 - (i) negotiate a market-related price with the Respondent scoring the highest points or cancel the RFQ;
 - (ii) if that Respondent does not agree to a market-related price, negotiate a market-related price with the Respondent scoring the second highest points or cancel the RFQ;
 - (iii) if the Respondent scoring the second highest points does not agree to a market-related price, negotiate a market-related price with the Respondent scoring the third highest points or cancel the RFQ.

If a market-related price is not agreed with the Respondent scoring the third highest points, Transnet must cancel the RFQ.
- b) All Prices must be quoted in South African Rand, inclusive of VAT
- c) Any disbursement not specifically priced for will not be considered/accepted by Transnet.
- d) To facilitate like-for-like comparison bidders must submit pricing strictly in accordance with this price schedule and not utilise a different format. Deviation from this pricing schedule will result in a bid being disqualified.
- e) Please note that should you have offered a discounted price(s), Transnet will only consider such price discount(s) in the final evaluation stage if offered on an unconditional basis.

SECTION 5

CERTIFICATE OF ACQUAINTANCE WITH RFQ DOCUMENTS

By signing this certificate the Respondent is deemed to acknowledge that he/she has made himself/herself thoroughly familiar with, and agrees with all the conditions governing this RFQ. This includes those terms and conditions contained in any printed form stated to form part hereof, including but not limited to the documents stated below. As such, Transnet will recognise no claim for relief based on an allegation that the Respondent overlooked any such term or condition or failed properly to take it into account in calculating tendered prices or any other purpose:

1. Transnet's General Bid Conditions
2. Standard RFQ Terms and Conditions for the supply of Goods or Services to Transnet
3. Transnet's Supplier Integrity Pact
4. Non-disclosure Agreement

Note: Should a Respondent be successful and awarded the bid, they will be required to complete a Supplier Declaration Form for registration as a vendor onto the Transnet vendor master database.

Should the Bidder find any terms or conditions stipulated in any of the relevant documents quoted in the RFQ unacceptable, it should indicate which conditions are unacceptable and offer alternatives by written submission on its company letterhead, attached to its submitted Bid. Any such submission shall be subject to review by Transnet's Legal Counsel who shall determine whether the proposed alternative(s) are acceptable or otherwise, as the case may be. A material deviation from the Standard terms or conditions could result in disqualification.

Bidders accept that an obligation rests on them to clarify any uncertainties regarding any bid to which they intend to respond, before submitting the bid. The Bidder agrees that he/she will have no claim or cause of action based on an allegation that any aspect of this RFQ was unclear but in respect of which he/she failed to obtain clarity.

The bidder understands that his/her Bid will be disqualified if this Certificate of Acquaintance with RFQ documents included in the RFQ as a returnable document, is found not to be true and/ or complete in every respect.

SIGNED at _____ on this _____ day of _____ 20____

SIGNATURE OF WITNESSES

ADDRESS OF WITNESSES

1 _____

Name _____

2 _____

Name _____

SIGNATURE OF RESPONDENT'S AUTHORISED REPRESENTATIVE: _____

NAME: _____

DESIGNATION: _____

SECTION 6

RFQ DECLARATION AND BREACH OF LAW FORM

NAME OF ENTITY: _____

We _____ do hereby certify that:

1. Transnet has supplied and we have received appropriate responses to any/all questions [as applicable] which were submitted by ourselves for RFQ Clarification purposes;
2. We have received all information we deemed necessary for the completion of this Request for Quotation [**RFQ**];
3. We have been provided with sufficient access to the existing Transnet facilities/sites and all relevant information relevant to the Supply of the Goods as well as Transnet information and Employees, and have had sufficient time in which to conduct and perform a thorough due diligence of Transnet's operations and business requirements and assets used by Transnet. Transnet will therefore not consider or permit any pre- or post-contract verification or any related adjustment to pricing, service levels or any other provisions/conditions based on any incorrect assumptions made by the Respondent in arriving at his Bid Price.
4. At no stage have we received additional information relating to the subject matter of this RFQ from Transnet sources, other than information formally received from the designated Transnet contact(s) as nominated in the RFQ documents;
5. We have complied with all obligations of the Bidder/Supplier as indicated in the Transnet Supplier Integrity Pact which includes but are not limited to ensuring that we take all measures necessary to prevent corrupt practices, unfairness and illegal activities in order to secure or in furtherance to secure a contract with Transnet;
6. We are satisfied, insofar as our entity is concerned, that the processes and procedures adopted by Transnet in issuing this RFQ and the requirements requested from Bidders in responding to this RFQ have been conducted in a fair and transparent manner;
7. We declare that a family, business and/or social relationship **exists / does not exist** [delete as applicable] between an owner / member / director / partner / shareholder of our entity and an employee or board member of Transnet including any person who may be involved in the evaluation and/or adjudication of this Bid;
8. We declare that an owner / member / director / partner / shareholder of our entity **is / is not** [delete as applicable] an employee or board member of the Transnet;
9. In addition, we declare that an owner / member / director / partner / shareholder/employee of our entity **has / has not been** [delete as applicable] a former employee or board member of Transnet in the past 10 years. I further declare that if they were a former employee or board member of Transnet in the past 10 years that they **were/were not** involved in the bid preparation or had access to the information related to this RFQ; and
10. If such a relationship as indicated in paragraph 7, 8 and/or 9 exists, the Respondent is to complete the following section:

FULL NAME OF OWNER/MEMBER/DIRECTOR/
PARTNER/SHAREHOLDER/EMPLOYEE:

ADDRESS:

Indicate nature of relationship with Transnet:

[Failure to furnish complete and accurate information in this regard will lead to the disqualification of a response and may preclude a Respondent from doing future business with Transnet]. Information provided in the declarations may be used by Transnet and/or its affiliates to verify the correctness of the information provided.

11. We declare, to the extent that we are aware or become aware of any relationship between ourselves and Transnet [other than any existing and appropriate business relationship with Transnet] which could unfairly advantage our entity in the forthcoming adjudication process, we shall notify Transnet immediately in writing of such circumstances.

BIDDER'S DISCLOSURE (SBD4)

12 PURPOSE OF THE FORM

12.1 Any person (natural or juristic) may make an offer or offers in terms of this invitation to bid. In line with the principles of transparency, accountability, impartiality, and ethics as enshrined in the Constitution of the Republic of South Africa and further expressed in various pieces of legislation, it is required for the bidder to make this declaration in respect of the details required hereunder.

12.2 Where a person/s are listed in the Register for Tender Defaulters and / or the List of Restricted Suppliers, that person will automatically be disqualified from the bid process.

13 Bidder's declaration

13.1 Is the bidder, or any of its directors / trustees / shareholders / members / partners or any person having a controlling interest¹ in the enterprise, employed by the state?

YES/NO

13.1.1. If so, furnish particulars of the names, individual identity numbers, and, if applicable, state employee numbers of sole proprietor/ directors / trustees / shareholders / members/ partners or any person having a controlling interest in the enterprise, in table below.

Full Name	Identity Number	Name of State institution

¹ the power, by one person or a group of persons holding the majority of the equity of an enterprise, alternatively, the person/s having the deciding vote or power to influence or to direct the course and decisions of the enterprise.

13.2 Do you, or any person connected with the bidder, have a relationship with
any person who is employed by the procuring institution?

YES/NO

13.2.1. If so, furnish particulars:

.....
.....

13.3 Does the bidder or any of its directors / trustees / shareholders / members /
partners or any person having a controlling interest in the enterprise have any
interest in any other related enterprise whether or not they are bidding for this
contract?

YES/NO

13.3.1. If so, furnish particulars:

.....
.....

14 DECLARATION

I, the undersigned, (name)..... in submitting the accompanying
bid, do hereby make the following statements that I certify to be true and complete in every respect:

14.1 I have read and I understand the contents of this disclosure;

14.2 I understand that the accompanying bid will be disqualified if this disclosure is found not to be true
and complete in every respect;

14.3 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 consortium² will not be construed as collusive bidding.

14.4 In addition, there have been no consultations, communications, agreements or arrangements with
any competitor regarding the quality, quantity, specifications, prices, including methods, factors or
formulas used to calculate prices, market allocation, the intention or decision to submit or not to
submit the bid, bidding with the intention not to win the bid and conditions or delivery particulars of
the products or services to which this bid invitation relates.

² 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.

14.5 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.

14.6 There have been no consultations, communications, agreements or arrangements made by the bidder with any official of the procuring institution in relation to this procurement process prior to and during the bidding process except to provide clarification on the bid submitted where so required by the institution; and the bidder was not involved in the drafting of the specifications or terms of reference for this bid.

14.7 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.

I CERTIFY THAT THE INFORMATION FURNISHED IN PARAGRAPHS 12, 13 and 14 ABOVE IS CORRECT.

I ACCEPT THAT THE STATE MAY REJECT THE BID OR ACT AGAINST ME IN TERMS OF PARAGRAPH 6 OF PFMA SCM INSTRUCTION 03 OF 2021/22 ON PREVENTING AND COMBATING ABUSE IN THE SUPPLY CHAIN MANAGEMENT SYSTEM SHOULD THIS DECLARATION PROVE TO BE FALSE.

BREACH OF LAW

12. We further hereby certify that *I/we **have/have not been*** [delete as applicable] found guilty during the preceding 5 [five] years of a serious breach of law, including but not limited to a breach of the Competition Act, 89 of 1998, by a court of law, tribunal or other administrative body. The type of breach that the Respondent is required to disclose excludes relatively minor offences or misdemeanours, e.g. traffic offences. This includes the imposition of an administrative fine or penalty.

Where found guilty of such a serious breach, please disclose:

NATURE OF BREACH:

DATE OF BREACH: _____

Furthermore, I/we acknowledge that Transnet SOC Ltd reserves the right to exclude any Respondent from the bidding process, should that person or entity have been found guilty of a serious breach of law, tribunal or regulatory obligation.

SIGNED at _____ on this ____ day of _____ 20__

For and on behalf of _____ duly authorised hereto	AS WITNESS:
Name:	Name:
Position:	Position:
Signature:	Signature:
Date:	Registration No of Company/CC _____
Place:	Registration Name of Company/CC _____

Respondent's Signature_____
Date & Company Stamp

SECTION 7

B-BBEE PREFERENCE POINTS CLAIM FORM

This preference form must form part of all bids invited. It contains general information and serves as a claim for preference points for Broad-Based Black Economic Empowerment [**B-BBEE**] Status Level of Contribution.

Transnet will award preference points to companies who provide valid proof of their B-BBEE status using either the latest version of the generic Codes of Good Practice or Sector Specific Codes (if applicable).

NB: BEFORE COMPLETING THIS FORM, BIDDERS MUST STUDY THE GENERAL CONDITIONS, DEFINITIONS AND DIRECTIVES APPLICABLE IN RESPECT OF B-BBEE, AS PRESCRIBED IN THE PREFERENTIAL PROCUREMENT REGULATIONS, 2017.

1. GENERAL CONDITIONS

- 1.1 The following preference point systems are applicable to all bids:
- the 80/20 system for requirements with a Rand value of up to R50 000 000 (all applicable taxes included); and
 - the 90/10 system for requirements with a Rand value above R50 000 000 (all applicable taxes included).
- 1.2 The value of this bid is estimated to **not exceed** R50 000 000 (all applicable taxes included) and therefore the 80/20 preference point system shall be applicable. Despite the stipulated preference point system, Transnet shall use the lowest acceptable bid to determine the applicable preference point system in a situation where all received acceptable bids are received outside the stated preference point system.
- 1.3 Either the 80/20 preference point system will be applicable to this tender.
- 1.4 Preference points for this bid shall be awarded for:
- (a) Price; and
 - (b) B-BBEE Status Level of Contribution.
- 1.5 The maximum points for this bid are allocated as follows:

	POINTS
PRICE	80
B-BBEE STATUS LEVEL OF CONTRIBUTOR	20
Total points for Price and B-BBEE must not exceed	100

- 1.6 Failure on the part of a bidder to submit proof of B-BBEE status level of contributor together with the bid will be interpreted to mean that preference points for B-BBEE status level of contribution are not claimed.
- 1.7 The purchaser reserves the right to require of a bidder, either before a bid is adjudicated or at any time subsequently, to substantiate any claim in regard to preferences, in any manner required by the purchaser.

2. DEFINITIONS

- (a) **"all applicable taxes"** includes value-added tax, pay as you earn, income tax, unemployment insurance fund contributions and skills development levies;
- (b) **"B-BBEE"** means broad-based black economic empowerment as defined in section 1 of the Broad-Based Black Economic Empowerment Act;
- (c) **"B-BBEE status level of contributor"** means the B-BBEE status received by a measured entity based on its overall performance using the relevant scorecard contained in the Codes of Good Practice on Black Economic Empowerment, issued in terms of section 9(1) of the Broad-Based Black Economic

Empowerment Act;

- (d) **"bid"** means a written offer in a prescribed or stipulated form in response to an invitation by an organ of state for the supply/provision of services, works or goods, through price quotations, advertised competitive bidding processes or proposals;
- (e) **"Broad-Based Black Economic Empowerment Act"** means the Broad-Based Black Economic Empowerment Act, 2003 (Act No. 53 of 2003);
- (f) **"EME"** means an Exempted Micro Enterprise as defines by Codes of Good Practice under section 9 (1) of the Broad-Based Black Economic Empowerment Act, 2003 (Act No. 53 of 2003);
- (g) **"functionality"** means the ability of a bidder to provide goods or services in accordance with specification as set out in the bid documents;
- (h) **"Price"** includes all applicable taxes less all unconditional discounts.
- (i) **"Proof of B-BBEE Status Level of Contributor"** means:
- 1) B-BBEE status level certificate issued by an unauthorised body or person;
 - 2) A sworn affidavit as prescribed by the B-BBEE Codes of Good Practice;
 - 3) Any other requirement prescribed in terms of the B-BBEE Act.
- (j) **"QSE"** means a Qualifying Small EEnterprise in terms of a Codes of Good Practice under section 9 (1) of the Broad-Based Black Economic Empowerment Act, 2003 (Act No. 53 of 2003);
- (k) **"rand value"** means the total estimated value of a contract in South African currency, calculated at the time of bid invitations, and includes all applicable taxes and excise duties.

3. POINTS AWARDED FOR PRICE

3.1 THE 80/20 PREFERENCE POINT SYSTEMS

A maximum of 80 points is allocated for price on the following basis:

80/20

$$PS = 80 \left(1 + \frac{Pt - P_{max}}{P_{max}} \right)$$

Where:

Ps = Points scored for the price of Bid under consideration

Pt = Price of Bid under consideration

Pmax = Price of highest acceptable Bid

4. POINTS AWARDED FOR B-BBEE STATUS LEVEL OF CONTRIBUTION

- 4.1 In terms of Regulation 6 (2) and 7 (2) of the Preferential Procurement Regulations, preference points must be awarded to a bidder for attaining the B-BBEE status level of contribution in accordance with the table below:

B-BBEE Status Level of Contributor	Number of points (80/20 system)
1	20
2	18
3	14
4	12
5	8
6	6

7	4
8	2
Non-compliant contributor	0

4.2 The table below indicates the required proof of B-BBEE status depending on the category of enterprises:

Enterprise	B-BBEE Certificate & Sworn Affidavit
Large	Certificate issued by SANAS accredited verification agency
QSE	Certificate issued by SANAS accredited verification agency Sworn Affidavit signed by the authorised QSE representative and attested by a Commissioner of Oaths confirming annual turnover and black ownership (only black-owned QSEs - 51% to 100% Black owned) [Sworn affidavits must substantially comply with the format that can be obtained on the DTI's website at www.dti.gov.za/economic_empowerment/bee_codes.jsp .]
EME ³	Sworn Affidavit signed by the authorised EME representative and attested by a Commissioner of Oaths confirming annual turnover and black ownership Certificate issued by CIPC (formerly CIPRO) confirming annual turnover and black ownership Certificate issued by SANAS accredited verification agency only if the EME is being measured on the QSE scorecard

4.3 A trust, consortium or joint venture (including unincorporated consortia and joint ventures) must submit a consolidated B-BBEE Status Level verification certificate for every separate bid.

4.4 Tertiary Institutions and Public Entities will be required to submit their B-BBEE status level certificates in terms of the specialized scorecard contained in the B-BBEE Codes of Good Practice.

4.5 A person will not be awarded points for B-BBEE status level if it is indicated in the bid documents that such a bidder intends sub-contracting more than 25% of the value of the contract to any other enterprise that does not qualify for at least the points that such a bidder qualifies for, unless the intended sub-contractor is an EME that has the capability and ability to execute the sub-contract.

4.6 A person awarded a contract may not sub-contract more than 25% of the value of the contract to any other enterprise that does not have an equal or higher B-BBEE status level than the person concerned, unless the contract is sub-contracted to an EME that has the capability and ability to execute the sub-contract.

4.7 Bidders are to note that the rules pertaining to B-BBEE verification and other B-BBEE requirements may be changed from time to time by regulatory bodies such as National Treasury or the DTI. It is the Bidder's responsibility to ensure that his/her bid complies fully with all B-BBEE requirements at the time of the submission of the bid.

5. BID DECLARATION

5.1 Bidders who claim points in respect of B-BBEE Status Level of Contribution must complete the following:

6. B-BBEE STATUS LEVEL OF CONTRIBUTION CLAIMED IN TERMS OF PARAGRAPHS 1.4 AND 6.1

6.1 B-BBEE Status Level of Contribution: . =(maximum of 20 points)

(Points claimed in respect of paragraph 6.1 must be in accordance with the table reflected in paragraph 4.1 and must be substantiated by relevant proof of B-BBEE status level of contributor.

7. SUB-CONTRACTING

³ In terms of the Implementation Guide: Preferential Procurement Regulations, 2017, Version 2, paragraph 11.11 provides that in the Transport Sector, EMEs can provide a letter from accounting officer or get verified and be issued with a B-BBEE certificate by SANAS accredited professional or agency as the Transport Sector Code has not been aligned to the generic Codes. EMEs in the Transport Sector are not allowed to provide a Sworn Affidavit as the generic codes are not applicable to them.

7.1 Will any portion of the contract be sub-contracted?

(Tick applicable box)

YES		NO	
-----	--	----	--

7.1.1 If yes, indicate:

- i) What percentage of the contract will be subcontracted.....%
- ii) The name of the sub-contractor.....
- iii) The B-BBEE status level of the sub-contractor.....
- iv) Whether the sub-contractor is an EME or QSE

(Tick applicable box)

YES		NO	
-----	--	----	--

- v) Specify, by ticking the appropriate box, if subcontracting with an enterprise in terms of Preferential Procurement Regulations, 2017:

Designated Group: An EME or QSE which is at least 51% owned by:	EME ✓	QSE ✓
Black people		
Black people who are youth		
Black people who are women		
Black people with disabilities		
Black people living in rural or underdeveloped areas or townships		
Cooperative owned by black people		
Black people who are military veterans		
OR		
Any EME		
Any QSE		

8. DECLARATION WITH REGARD TO COMPANY/FIRM

8.1 Name of company/firm:.....

8.2 VAT registration number:.....

8.3 Company registration number:.....

8.4 TYPE OF COMPANY/ FIRM

- ☐ Partnership/Joint Venture / Consortium
- ☐ One person business/sole propriety
- ☐ Close corporation
- ☐ Company
- ☐ (Pty) Limited

[TICK APPLICABLE BOX]

8.5 DESCRIBE PRINCIPAL BUSINESS ACTIVITIES

.....

.....

8.6 COMPANY CLASSIFICATION

- ☐ Manufacturer
- ☐ Supplier
- ☐ Professional service provider
- ☐ Other service providers, e.g. transporter, etc.

[TICK APPLICABLE BOX]

8.7 Total number of years the company/firm has been in business:.....

8.8 I/we, the undersigned, who is / are duly authorised to do so on behalf of the company/firm, certify that the points claimed, based on the B-BBEE status level of contribution indicated in paragraphs 4.1 and 6.1 of the foregoing certificate, qualifies the company/ firm for the preference(s) shown and I / we acknowledge that:

- i) The information furnished is true and correct;
- ii) The preference points claimed are in accordance with the General Conditions as indicated in paragraph 1 of this form;
- iii) In the event of a contract being awarded as a result of points claimed as shown in paragraph 4.1 and 6.1, the contractor may be required to furnish documentary proof to the satisfaction of the purchaser that the claims are correct;
- iv) If the B-BBEE status level of contributor has been claimed or obtained on a fraudulent basis or any of the conditions of contract have not been fulfilled, the purchaser may, in addition to any other remedy it may have-
 - (a) disqualify the person from the bidding process;
 - (b) recover costs, losses or damages it has incurred or suffered as a result of that person's conduct;
 - (c) cancel the contract and claim any damages which it has suffered as a result of having to make less favourable arrangements due to such cancellation;
 - (d) if the successful bidder subcontracted a portion of the bid to another person without disclosing it, Transnet reserves the right to penalise the bidder up to 10 percent of the value of the contract;
 - (e) recommend that the bidder or contractor, its shareholders and directors, or only the shareholders and directors who acted on a fraudulent basis, be restricted by the National Treasury from obtaining business from any organ of state for a period not exceeding 10 years, after the *audi alteram partem* (hear the other side) rule has been applied; and
 - (f) forward the matter for criminal prosecution.

WITNESSES

- 1.
- 2.

.....

SIGNATURE(S) OF BIDDERS(S)

DATE:

ADDRESS

.....

SECTION 8**PROTECTION OF PERSONAL INFORMATION**

1. The following terms shall bear the same meaning as contemplated in Section 1 of the Protection of Person information act, No.4 of 2013.(“POPIA”):

consent; data subject; electronic communication; information officer; operator; person; personal information; processing; record; Regulator; responsible party; special information; as well as any terms derived from these terms.
2. Transnet will process all information by the Respondent in terms of the requirements contemplated in Section 4(1) of the POPIA:

Accountability; Processing limitation; Purpose specification; Further processing limitation; Information quality; Openness; Security safeguards and Data subject participation.
3. The Parties acknowledge and agree that, in relation to personal information that will be processed pursuant to this RFQ, the Responsible party is “Transnet” and the Data subject is the “Respondent”. Transnet will process personal information only with the knowledge and authorisation of the Respondent and will treat personal information which comes to its knowledge as confidential and will not disclose it, unless so required by law or subject to the exceptions contained in the POPIA.
4. Transnet reserves all the rights afforded to it by the POPIA in the processing of any of its information as contained in this RFQ and the Respondent is required to comply with all prescripts as detailed in the POPIA relating to all information concerning Transnet.
5. In responding to this bid, Transnet acknowledges that it will obtain and have access to personal information of the Respondent. Transnet agrees that it shall only process the information disclosed by Respondent in their response to this bid for the purpose of evaluating and subsequent award of business and in accordance with any applicable law.
6. Transnet further agrees that in submitting any information or documentation requested in this RFQ, the Respondent is consenting to the further processing of their personal information for the purpose of, but not limited to, risk assessment, assurances, contract award, contract management, auditing, legal opinions/litigations, investigations (if applicable), document storage for the legislatively required period, destruction, de-identification and publishing of personal information by Transnet and/or its authorised appointed third parties.
7. Furthermore, Transnet will not otherwise modify, amend or alter any personal data submitted by the Respondent or disclose or permit the disclosure of any personal data to any third party without the prior written consent from the Respondent. Similarly, Transnet requires the Respondent to process any personal information disclosed by Transnet in the bidding process in the same manner.
8. Transnet shall, at all times, ensure compliance with any applicable laws put in place and maintain sufficient measures, policies and systems to manage and secure against all forms of risks to any information that may be shared or accessed pursuant to this RFQ (physically, through a computer or any other form of electronic communication).

9. Transnet shall notify the Respondent in writing of any unauthorised access to information, cybercrimes or suspected cybercrimes, in its knowledge and report such crimes or suspected crimes to the relevant authorities in accordance with applicable laws, after becoming aware of such crimes or suspected crime. The Respondent must take all necessary remedial steps to mitigate the extent of the loss or compromise of personal information and to restore the integrity of the affected personal information as quickly as is possible.
10. The Respondent may, in writing, request Transnet to confirm and/or make available any personal information in its possession in relation to the Respondent and if such personal information has been accessed by third parties and the identity thereof in terms of the POPIA. The Respondent may further request that Transnet correct (excluding critical/mandatory or evaluation information), delete, destroy, withdraw consent or object to the processing of any personal information relating to the Respondent in Transnet's possession in terms of the provision of the POPIA and utilizing Form 2 of the POPIA Regulations.
11. In submitting any information or documentation requested in this RFQ, the Respondent is hereby consenting to the processing of their personal information for the purpose of this RFQ and further confirming that they are aware of their rights in terms of Section 5 of POPIA

Respondents are required to provide consent below:

YES		NO	
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12. Further, the Respondent declares that they have obtained all consents pertaining to other data subject's personal information included in its submission and thereby indemnifying Transnet against any civil or criminal action, administrative fines or other penalty or loss that may arise as a result of the processing of any personal information that the Respondent submitted.
13. The Respondent declares that the personal information submitted for the purpose of this RFQ is complete, accurate, not misleading, is up to date and may be updated where applicable.

Signature of Respondent's authorised representative: _____

Should a Respondent have any complaints or objections to processing of its personal information, by Transnet, the Respondent can submit a complaint to the Information Regulator on <https://www.justice.gov.za/infocreg/>, click on contact us, click on complaints.IR@justice.gov.za

SECTION 9: Delivery Lead Time**Note to tenderers:**

Tenderers are required to provide Transnet Freight Rail with a Memo of how and when (time frame) delivery will be handled once the purchase order has been received.

Index of documentation attached to this schedule:

.....

The table below is for information purposes only to indicate the method of scoring that will be followed to evaluate the programme submitted by the Tenderer:

Scoring will be as follows:

Delivery Lead Time: (Statement to be attached)	
0 = 5 Weeks or more delivery lead time from date of receiving purchase order / No documentation provided.	
40 = 4 Weeks delivery lead-time from date of receiving purchase order.	
70 = 3 Weeks delivery lead-time from date of receiving purchase order.	
90 = 2 Weeks delivery lead-time from date of receiving purchase order	
100 = 1 Week or less delivery lead-time from date of receiving purchase order	

The undersigned, who warrants that he/she is duly authorised to do so on behalf of the Tenderer, confirms that the contents of this schedule are within my personal knowledge and are to the best of my belief both true and correct.

Signed

Date

Name

Position

Tenderer

SECTION 10 – Previous Experience: Pre-Qualifying Quality (Functionality) Criteria**Note to tenderers:**

Tenderers are required to List their previous experience for similar work with written references, completion certificates or in execution (company name, contact person and value of work completed or in execution)

The reference should have contact information either in a form of email and/or telephone number.

Index of documentation attached to this schedule:

.....

The table below is for information purposes only to indicate the method of scoring that will be followed to evaluate the programme submitted by the Tenderer:

Scoring will be as follows:

Previous Experience (Proof to be submitted): 40 Points
0 = No Experience in this field of work / No proof provided
1 = 1 Contactable reference relevant to this RFQ with a completion certificate, written reference or in execution
2 = 2 Contactable references relevant to this RFQ with a completion certificate, written reference or in execution
3 = 3 Contactable references relevant to this RFQ with a completion certificate, written reference or in execution
4 = 4 Contactable references relevant to this RFQ with a completion certificate, written reference or in execution
5 = 5 Or more Contactable references relevant to this RFQ with a completion certificate, written reference or in execution

The undersigned, who warrants that he/she is duly authorised to do so on behalf of the Tenderer, confirms that the contents of this schedule are within my personal knowledge and are to the best of my belief both true and correct.

Signed

Date

Name

Position

Tenderer

SECTION 11 – Supplier’s Design and Technical Compliance**Note to tenderers:**

Tenderers are to list in this schedule all principle design criteria and design standards applicable to the Main & Auxiliary Protection Relay – 7SR1102 Argus Relay offered.

Tenderers are to submit compliance to all specifications for the Main & Auxiliary Protection Relay – 7SR1102 Argus Relay offered.

Tenderers shall complete and attach to this schedule a clause-by-clause statement of compliance to the requirements of the Specifications (page 6-21 of this RFQ). A general statement of compliance is not acceptable. Each statement of less than full compliance must be properly clarified.

Compliance shall be for the following;

a)	Function Overview	Page 6 of 53
b)	User interface	Page 6 of 53
c)	Monitoring Functions	Page 6 of 53
d)	Hardware	Page 6 of 53
e)	Data Storage and Communication	Page 6 of 53
f)	Support Software	Page 6 of 53
g)	Application	Page 7 of 53
h)	Function matrix	Page 7 of 53
i)	Functional diagrams	Page 8 of 53
j)	Description of Functionality	Page 9-10 of 53
k)	Data Acquisition – via communication	Page 11 of 53
l)	Serial Communications	Page 11 of 53
m)	Reydisp Evolution	Page 11 of 53
n)	Construction	Page 12 of 53
o)	Technical Data	Page 13-16 of 53
p)	Case Dimensions	Page 14 of 53
q)	Connection Diagrams – ARGUS-C	Page 15 of 53
r)	Guarantee period of 12 months	
s)	Penalties of R1000.00 per day for late delivery.	

Index of items attached to this schedule

Scoring will be as follows:

0 – Non-Compliance
5 – Full Compliance

The undersigned, who warrants that he/she is duly authorised to do so on behalf of the Tenderer, confirms that the contents of this schedule are within my personal knowledge and are to the best of my belief both true and correct.

Signed	_____	Date	_____
Name	_____	Position	_____
Tenderer	_____		

SUPPLIER DECLARATION FORM

Supplier Declaration Form						
Important Notice: all organisations, institutions and individuals who wish to provide goods and/or services to organs of the State must be registered on the National Treasury Central Supplier Database (CSD). This needs to be done via their portal at https://secure.csd.gov.za/ before applying to Transnet.						
CSD Number (MAAA xxxxxxx):						
Company Trading Name						
Company Registered Name						
Company Registration No Or ID No If a Sole Proprietor						
Company Income Tax Number						
Form of Entity	CC	Trust	Pty Ltd	Limited	Partnership	Sole Proprietor
	Non-profit (NPO's or NPC)	Personal Liability Co	State Owned Co	National Govt	Provincial Govt	Local Govt
	Educational Institution	Specialised Profession	Financial Institution	Joint Venture	Foreign International	Foreign Branch Office

Did your company previously operate under another name?					Yes		No	
If YES state the previous details below:								
Trading Name								
Registered Name								
Company Registration No Or ID No If a Sole Proprietor								
Form of Entity	CC	Trust	Pty Ltd	Limited	Partnership	Sole Proprietor		
	Non-profit (NPO's or NPC)	Personal Liability Co	State Owned Co	National Govt	Provincial Govt	Local Govt		
	Educational Institution	Specialised Profession	Financial Institution	Joint Venture	Foreign International	Foreign Branch Office		

Your Current Company's VAT Registration Status	
VAT Registration Number	
If Exempted from VAT registration , state reason and submit proof from SARS in confirming the exemption status	
If your business entity is not VAT Registered, please submit a current original sworn affidavit (see example in Appendix I). Your Non VAT Registration must be confirmed annually.	

Company Banking Details	Bank Name	
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Respondent's Signature

Date & Company Stamp

Universal Branch Code		Bank Account Number	
Company Physical Address			
		Code	
Company Postal Address			
		Code	
Company Telephone number			
Company Fax Number			
Company E-Mail Address			
Company Website Address			
Company Contact Person Name			
Designation			
Telephone			
Email			
Is your company a Labour Broker?	Yes		No
Main Product / Service Supplied e.g. Stationery / Consulting / Labour etc.			
How many personnel does the business employ?	Full Time		Part Time
Please Note: Should your business employ more than 2 full time employees who are not connected persons as defined in the Income Tax Act, please submit a sworn affidavit, as per Appendix II.			

Most recent Financial Year's Annual Turnover	<R10Million EME		>R10Million <R50Million QSE		>R50Million Large Enterprise	
--	---------------------------	--	--	--	--	--

Does your company have a valid proof of B-BBEE status?										Yes		No	
Please indicate your Broad Based BEE status (Level 1 to 9)					1	2	3	4	5	6	7	8	9
Majority Race of Ownership													
% Black Ownership		% Black Women Ownership		% Black Disabled person(s) Ownership		% Black Youth Ownership							
% Black Unemployed		% Black People Living in Rural Areas		% Black Military Veterans									

Please Note: Please provide proof of B-BBEE status as per Appendix C and D:

- Large Enterprise and QSEs with less than 51% black ownership need to obtain a B-BBEE certificate and detailed scorecard from an accredited rating agency;
- EMEs and QSEs with at least 51% black ownership may provide an affidavit using the templates provided in Appendix C and D respectively;
- Black Disabled person(s) ownership will only be accepted if accompanied with a certified letter signed by a physician on the physician's letterhead confirming the disability;
- A certified South African identification document will be required for all Black Youth Ownership.

Supplier Development Information Required

Respondent's Signature

Date & Company Stamp

EMPOWERING SUPPLIER An Empowering Supplier is a B-BBEE compliant Entity, which complies with at least three criteria if it is a large Entity, or one criterion if it is a Qualifying Small Enterprise ("QSE"), as detailed in Statement 400 of the New Codes. In terms of the requirements of an Empowering Supplier, numerous companies found it challenging to meet the target of 25% transformation of raw materials or beneficiation including local manufacturing, particularly so, if these companies imported goods or products from offshore. The matter was further compounded by the requirement for 25% of Cost of Sales, excluding labour cost and depreciation, to be procured from local producers or suppliers.	YES ☐ NO ☐
FIRST TIME SUPPLIER A supplier that we have not yet Traded within Transnet and will be registered via our database for the 1st time.	YES ☐ NO ☐
SUPPLIER DEVELOPMENT PLAN Supplier Development Plan is a plan that when we as Transnet award a supplier a long-term contract depending on the complexity of the Transaction. We will negotiate supplier development obligations that they must meet throughout the contract duration. e.g. we might request that they (create jobs or do skills development or encourage procurement from designated groups. (BWO, BYO & BDO etc.).	YES ☐ NO ☐
DEVELOPMENT PLAN DOCUMENT Agreed plan that will be crafted with the supplier in regards to their development (It could be for ED OR SD in terms of their developmental needs they may require with the company.	YES ☐ NO ☐ *If Yes- Attach supporting documents
ENTERPRISE DEVELOPMENT BENEFICIARY A supplier that is not yet in our value chain that we are assisting in their developmental area.	YES ☐ NO ☐
SUPPLIER DEVELOPMENT BENEFICIARY A supplier that we are already doing business with or transacting with and we are also assisting them in their developmental area e.g. (They might require training or financial assistance etc.)	YES ☐ NO ☐
GRADUATION FROM ED TO SD BENEFICIARY When a supplier that we assisted with as an ED beneficiary then is awarded, a business and we start Transacting with.	YES ☐ NO ☐
ENTERPRISE DEVELOPMENT RECIPIENT A supplier that isn't in our value chain as yet but we have assisted them with an ED intervention	YES ☐ NO ☐