

52ST.305



TENDER FORM

The Chairman – Tender Opening Committee
PNG Power Ltd
P. O. Box 1105
BOROKO 111 NCD
Papua New Guinea
Phone: (675) 324 3381
Fax: (675) 3250791
Email: supplyhelpdesk@pngpower.com.pg

We (*full name of company).....
.....
.....
.....

hereby tender for the undermentioned goods and services subject to the conditions of tendering and at the prices quoted in the scheduled therein

TENDER No. 14/2018

CLOSING AT 4.00 PM FRIDAY 27th JULY 2018

FOR SUPPLY AND DELIVERY OF FITTINGS AND INSULATION TAPES TO PNG POWER LTD DEPOTS OF POM, LAE, RABAUL AND GOROKA BY PERIOD CONTRACT FOR A THREE (3) YEAR TERM.

Documentation To Be Provided As Part Of Tender Submission

- 1 **Tender Form**
- 2 **Schedule of Offer (Part One)**
- 3 **Schedule of Offer (Part Two)**
- 4 **Company Credentials**
 - **Statement of Financial Capability**
 - **Statement of Relevant Technical Capability**
 - **Statement of PNG Experience**
 - **Statement of Previous PPL Dealings**
- 5 **Company Certifications (PNG Based Companies)**
 - **IPA Registration No**
 - **GST Registration No**
 - **COC Number**
- 6 **Company Certifications (Overseas Based Companies)**
 - **Certificate of Accreditation / Quality Assurance**
- 7 **Product Technical Credentials**
 - **Product Brand Name**
 - **Name / Location of Manufacturer**
 - **Quality Assurance Certification of Manufacturer**
 - **Technical Specification / Drawings/ Catalogues as available**
 - **Confirmation of Compliance with PPL Technical Specification**
 - **Advice of any variations to PPL Technical Specification**
- 8 **Other Supporting Documentation**

Tenderers should provide any other documentation that supports the Authenticity/Capability of their Supplier / Manufacturer.



SCHEDULE OF FORECAST REQUIREMENTS AND OFFER

**ANNEX A TO:
CONDITIONS OF TENDER**

LOCATION: PORT MORESBY, LAE, RABAU, GOROKA

PAGE: 1

PART 1		REQUIREMENT					OFFER				
Item No.	Vocab No.	Description	Spec. App No.	Unit of Issue	Forecast Requirement	Unit Price	STD Pack	Comment	Reserved for internal use		
(a)	(b)	(c)	(d)	(e)	(f)	(g)	(h)	(i)	(j)		
1	111122	CABLE TIES, 180MM LONG x 5MM WIDE, STANDARD HEAD, NATURAL NYLON MATERIAL		MTR	800						
2	111123	CABLE TIES, 365MM LONG x 5MM WIDE, STANDARD HEAD, NATURAL NYLON MATERIAL		MTR	700						
3	111124	CABLE TIES, 598MM LONG x 12.4MM WIDE, STANDARD HEAD, NATURAL NYLON MATERIAL		MTR	2000						
4	134050	SHROUD, TRANSFORMER BUSHING, 22KV, BLACK POLYETHYLENE SHIELDS		MTR	1100						
5	134051	SHROUD, TRANSFORMER BUSHING, 11KV, BLACK POLYETHYLENE SHIELDS		MTR	800						
6	134052	SHROUD, TRANSFORMER BUSHING, LV (LARGE)		MTR	800						
7	134053	SHROUD, TRANSFORMER BUSHING, LV (SMALL)		MTR	200						
8	173030	TAPE ELECTRICAL, INSULATING, RED, PVC, WIDTH 19MM x 20M LENGTH		MTR	4000						
9	173031	TAPE ELECTRICAL, INSULATING, WHITE, PVC, WIDTH 19MM x 20M LENGTH		MTR	3000						
10	173032	TAPE ELECTRICAL, INSULATING, BLUE, PVC, WIDTH 19MM x 20M LENGTH		MTR	3000						
11	173033	TAPE ELECTRICAL, INSULATING, BLACK, PVC, WIDTH 19MM x 20M LENGTH		MTR	2000						
12	173034	TAPE ELECTRICAL, INSULATING, GREEN/YELLOW, PVC, WIDTH 19MM x 20M LENGTH		MTR	2000						



(FAILURE TO COMPLETE AND SIGN THIS PART WILL INVALIDATE THE TENDER)

PART 2

A		BASIS OF PRICING			
Line No.	Supplier Category	DESTINATION DEPOTS			
(a)	(b)	POM (c)	LAE (d)	RABAU (e)	GOROKA (f)
1.	In Country	Ex Wks/FOB	Ex Wks/FOB	Ex Wks/FOB	Ex Wks/FOB
2.	Overseas	Ex Wks/FOB	Ex Wks/FOB	Ex Wks/FOB	Ex Wks/FOB

B		PRODUCT ORIGIN	
Line No.	Schedule Item Number	Country of Manufacturer	
1.	(a)	(b)	
2.			

1. EXPLANATORY NOTES:

The destination depot for this tender appears at columns c, d, e, or f. Please complete as follows:

2. OVERSEAS SUPPLIERS:

Your pricing options are already entered at line 2. Delete one option and leave that on which your price has been based under the destination depot of this Tender. If no deletion has been made, the contract will be FOB costs.

3. PNG SUPPLIERS:

Where your supply is sourced locally to the destination enter "FIS" on line 1 under that depot. Where your supply is sourced from another province to that of the destination depot, enter "FOB" under the destination depot with the Port of shipment.

3.1 Please note last line of paragraph 7 of the "Conditions and specifications for the supply of goods and materials" on "GST". This is a vital condition of your offer and failure to observe this condition may result in your offer declared informal and not included for consideration.

C DECLARATION

In respect of the offer in Part 1 of the schedule, I make the following declaration.

1. Supply will conform with the conditions of Tender as specified.
2. The price basis of the offer has been clearly identified in Part 2 - A in accordance with explanatory notes.
3. The country of manufacturer of the product is given at Part 2 - B.
4. In accordance with paragraph 3.1 of the explanatory notes. GST of.....% has been included.

Company Name
& Address
Fax No Phone
Email
NAME Signature
Title Date/...../.....



MATERIAL SPECIFICATION

VOCAB NUMBER	ITEM DESCRIPTION
111122	CABLE, TIE 180MM LONG X 5MM WIDE STANDARD HEAD, NATURAL NYLON MATERIAL

SPECIFICATION DETAILS

Length: 180mm Long (Approx.)
Width: 5mm Wide
Material: Hard Wearing Nylon (6.6) Natural Translucent finish
Locking Device: Standard Head
Tensile Loop Strength: Minimum 222N (22.7kgs)
Utilux Cat. No. H31803 (or equivalent)

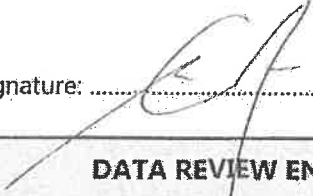
- **Unit of Measure:** Metres
- **Rejection:** PNG Power Ltd reserves all rights to reject whole or part of the order not complying with this specification and is not liable for any cost or loss with the return of rejects to the Supplier. Facilitation of Invoice Credit must commence between the supplier and PNG Power Ltd through the process of PNG Power Ltd Discrepancy Report provisions.

Drawing References:

Manufacturer's Product Code:

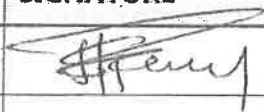
STANDARDS COMMITTEE APPROVAL

Approval by Alex Oa
Chairman

Signature: 

Date: 22, 6, 16

DATA REVIEW ENDORSEMENT

NAME	TITLE	SIGNATURE	DATE
Grevasias Peni	Team Leader Standards & Materials		16/6/16



MATERIAL SPECIFICATION

VOCAB NUMBER	ITEM DESCRIPTION
111123	CABLE, TIE 365MM LONG X 5MM WIDE STANDARD HEAD, NATURAL NYLON MATERIAL

SPECIFICATION DETAILS

Length: 365mm Long (Approx.)
Width: 5mm Wide
Material: Hard Wearing Nylon (6.6) Natural Translucent finish
Locking Device: Standard Head
Tensile Loop Strength: Minimum 222N (22.7kgs)
Utilux Cat. No. H31803 (or equivalent)

- **Unit of Measure:** Metres
- **Rejection:** PNG Power Ltd reserves all rights to reject whole or part of the order not complying with this specification and is not liable for any cost or loss with the return of rejects to the Supplier. Facilitation of Invoice Credit must commence between the supplier and PNG Power Ltd through the process of PNG Power Ltd Discrepancy Report provisions.

Drawing References:

Manufacturer's Product Code:

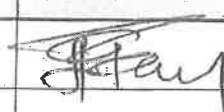
STANDARDS COMMITTEE APPROVAL

Approval by Alex Oa
Chairman

Signature: 

Date: 22, 6, 16

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NAME	TITLE	SIGNATURE	DATE
Grevasias Peni	Team Leader Standards & Materials		16/6/16



MATERIAL SPECIFICATION

VOCAB NUMBER	ITEM DESCRIPTION
111124	CABLE, TIE 598MM LONG X 12.4MM WIDE STANDARD HEAD - BLACK NYLON

SPECIFICATION DETAILS

1. Tie for Cable Type CT600BK – UHD or similar

2. Size: Length – 598 mm (Approx.)
Width – 12.4 mm

Material: Hard Wearing Black U.V Resistant Nylon (6.6)

Locking Device: Standard Head

Tensile Loop Strength: Minimum 1100N (113.4kgs)

- **Unit of Measure:** Metres

- **Rejection:** PNG Power Ltd reserves all rights to reject whole or part of the order not complying with this specification and is not liable for any cost or loss with the return of rejects to the Supplier. Facilitation of Invoice Credit must commence between the supplier and PNG Power Ltd through the process of PNG Power Ltd Discrepancy Report provisions.

Drawing References:

Manufacturer's Product Code:

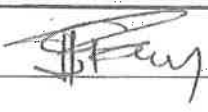
STANDARDS COMMITTEE APPROVAL

Approval by Alex Oa
Chairman

Signature: 

Date: 22/6/16

DATA REVIEW ENDORSEMENT

NAME	TITLE	SIGNATURE	DATE
Grevasias Peni	Team Leader Standards & Materials		16/6/16



MATERIAL SPECIFICATION

VOCAB NUMBER	ITEM DESCRIPTION
134050	SHROUD, TRANSFORMER BUSHING, 22KV BLACK POLYETHYLENE SHIELDS.

SPECIFICATION DETAILS

Black, polyethylene shields for transformer bushings.

To fit ESSA Standard, 22kV, 250 amps, bushing (ESSA drawings 2/3/19, PNG Power SC-1/19).

To be suitable for outdoor use in a tropical environment at altitudes up to 3000m.

Full dimensioned drawings and description of product to be provided with tender.

- **Unit of Measure:** Metres
- **Rejection:** PNG Power Ltd reserves all rights to reject whole or part of the order not complying with this specification and is not liable for any cost or loss with the return of rejects to the Supplier. Facilitation of Invoice Credit must commence between the supplier and PNG Power Ltd through the process of PNG Power Ltd Discrepancy Report provisions.

Drawing References:

Manufacturer's Product Code:

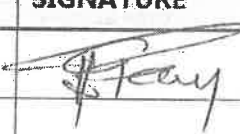
STANDARDS COMMITTEE APPROVAL

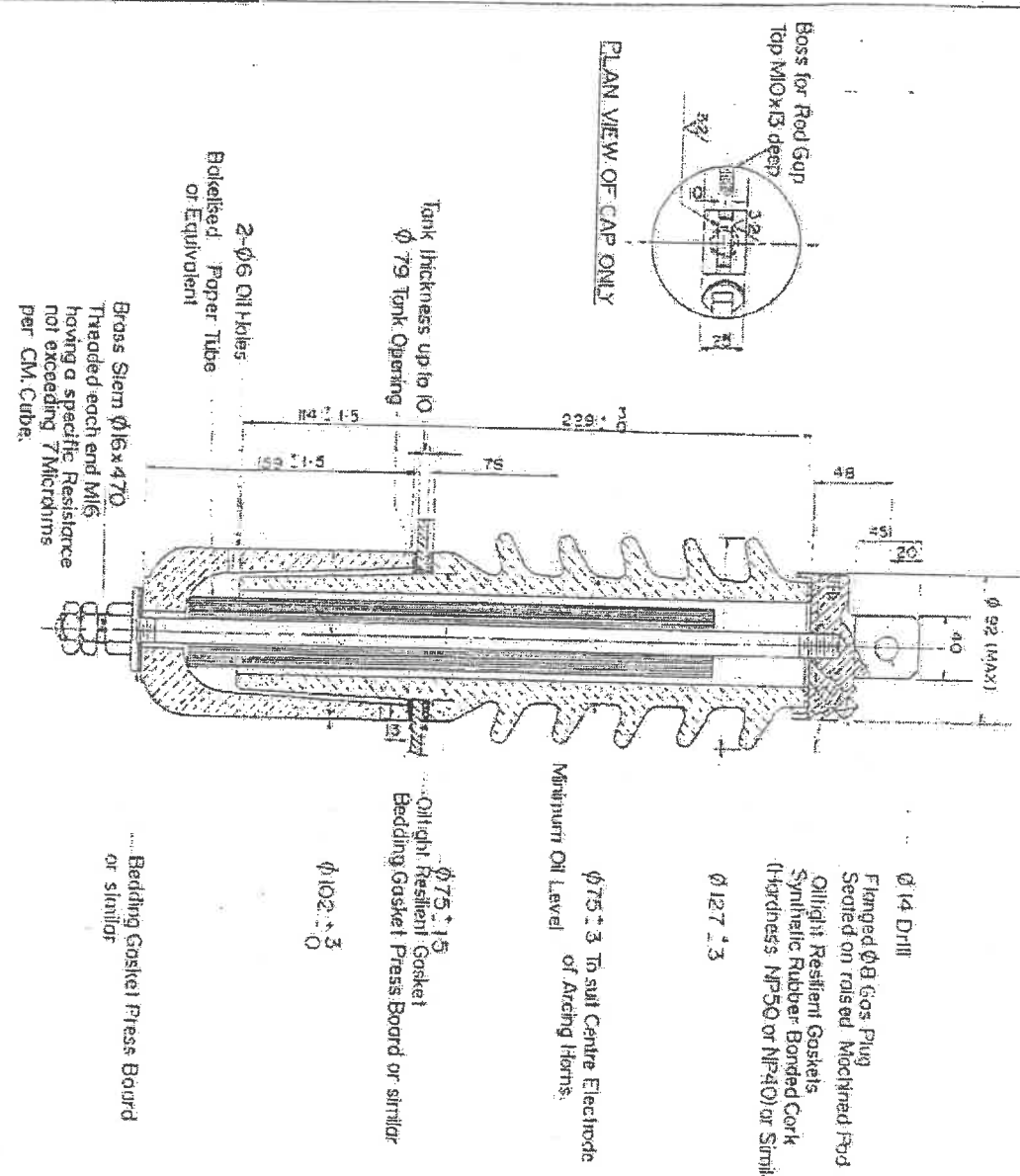
Approval by Alex Ga
Chairman

Signature: 

Date: 22, 6, 16

DATA REVIEW ENDORSEMENT

NAME	TITLE	SIGNATURE	DATE
Grevasias Peni	Team Leader Standards & Materials		16/6/16



ALL DIMENSIONS IN MILLIMETRES — DRAWING NOT TO SCALE

REVISION	
REFERENCE DRAWING	REFER 2514
IF IN DOUBT PLEASE ASK	
DO NOT SCALE	

NOTE
THIS BUSHING SHALL COMPLY WITH THE REQUIREMENTS OF AS 1265/1974
2 FURTHER INFORMATION IN ACCORDANCE WITH AS 1265-13 APPENDIX 'A' IS —

- 21 This outdoor immersed type bushing is suitable for use with oil immersed Distribution Transformers of rated capacity not exceeding 1000kVA, or other than Distribution Transformers, or on Distribution Transformers having a capacity in excess of 1000kVA. It should be used only with the specific approval of the customer.
- 22 Rated Voltage 24kV
- 23 Rated Phase to Earth Voltage 24kV/√3kV
- 24 Service Conditions, Standard, with no worse than normal pollution.
- 25 Insulation Level, Power Frequency withstand Voltage 1 wet dry 50kV RMS, Impulse withstand Voltage (dry) 150kV
- 26 Rated Current 250A
- 27 Dimensional Restrictions as on this drawing
- 28 Cap and Terminal Plug are to be of corrosion resistant non-ferrous, non-porous alloy, tested to 1000kVhr
- 3 PORCELAIN GLAZE COLOUR MUNSSELL SYSTEM CODE NUMBER SUBST 0704
- 4 STEM TO BE ATTACHED TO BUSHING CAP BY SCREWING AND SWEATING OR EQUIVALENT
- 5 ALL PORCELAIN SURFACES IN CONTACT WITH GASKETS TO BE GROUND FLAT AND SQUARE WITH AXIS OF BUSHING
- 6 THE GENERAL FORM OF THE PORCELAIN IS TO BE IN ACCORDANCE WITH THIS DRAWING
- 7 THE BUSHING SHALL BE SUITABLE FOR THE APPLICATION OF DUAL GAP ARCING HORNS
- 8 PARTIAL DISCHARGES HAVE OCCURRED IN SERVICE IN THE TANK OPENING. USE OF CONDUCTING PAINT, OR EQUIVALENT, ON ASSEMBLY IS ADVISED.

PAPUA NEW GUINEA ELECTRICITY COMMISSION
GENERAL ARRANGEMENT OF ESSA STANDARD 24KV 250A DISTRIBUTION TRANSFORMER TERMINAL BUSHING.

DESIGNER: A G. (SIRGAL)	DATE: 18/08/78	SCALE: A2	3C 1/19
INSPECTOR:			
APPROVER:			



MATERIAL SPECIFICATION

VOCAB NUMBER	ITEM DESCRIPTION
134051	SHROUD, TRANSFORMER BUSHING, 11KV BLACK POLYETHYLENE SHIELDS.

SPECIFICATION DETAILS

Black, polyethylene shields for transformer bushings.
To fit ESSA Standard, 11kV, 250 amps, bushing (ESSA drawings 2/3/1B, Elcom SC-1/18).
To be suitable for outdoor use in a tropical environment at altitudes up to 3000m.
Full dimensioned drawings and description of product to be provided with tender.

- **Unit of Measure:** Metres
- **Rejection:** PNG Power Ltd reserves all rights to reject whole or part of the order not complying with this specification and is not liable for any cost or loss with the return of rejects to the Supplier. Facilitation of Invoice Credit must commence between the supplier and PNG Power Ltd through the process of PNG Power Ltd Discrepancy Report provisions.

Drawing References:

Manufacturer's Product Code:


STANDARDS COMMITTEE APPROVAL

Approval by Alex Oa
Chairman

Signature: 

Date: 22, 6, 16

DATA REVIEW ENDORSEMENT

NAME	TITLE	SIGNATURE	DATE
Grevasias Peni	Team Leader Standards & Materials		16/6/16

MATERIAL SPECIFICATION

VOCAB NUMBER	ITEM DESCRIPTION
134052	SHROUD, TRANSFORMER BUSHING, LV (LARGE)

SPECIFICATION DETAILS

Black, polyethylene shields for transformer bushings.

To fit ESSA Standard, 3.3kV, 400 amps, bushing (ESSA drawings 2/3/3B, Elcom SC-1/17).

To be suitable for outdoor use in a tropical environment at altitudes up to 3000m.

Full dimensioned drawings and description of product to be provided with tender.

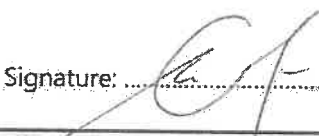
- **Unit of Measure:** Metres
- **Rejection:** PNG Power Ltd reserves all rights to reject whole or part of the order not complying with this specification and is not liable for any cost or loss with the return of rejects to the Supplier. Facilitation of Invoice Credit must commence between the supplier and PNG Power Ltd through the process of PNG Power Ltd Discrepancy Report provisions.

Drawing References:

Manufacturer's Product Code:

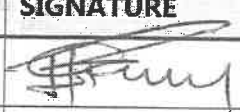
STANDARDS COMMITTEE APPROVAL

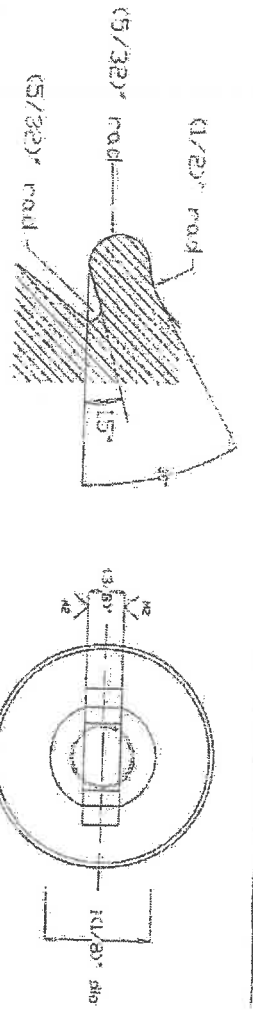
Approval by Alex Oa
Chairman

Signature: 

Date: 22, 6, 16

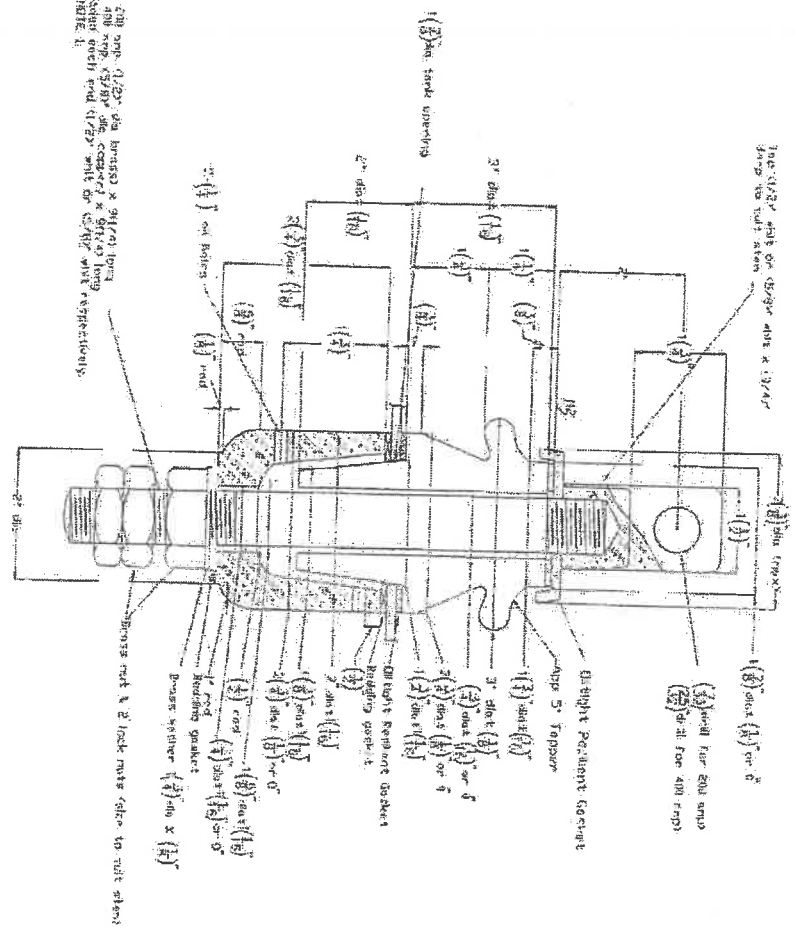
DATA REVIEW ENDORSEMENT

NAME	TITLE	SIGNATURE	DATE
Grevasias Peni	Team Leader Standards & Materials		21/6/16



DETAILS OF SHEETS OF BUSHING

PLAN VIEW OF CAP ONLY



STEM
 Stem and cap are fabricated from all steel and copper. Stem and cap are fabricated from all steel and copper. Stem and cap are fabricated from all steel and copper. Stem and cap are fabricated from all steel and copper.

NOTE: Bushing is drawn as per 400 amp.
 BREAKING NOT IN SCALE - ALL DIMENSIONS IN INCHES

- #### NOTES
- STEM MATERIALS
 200 amp, (1/2)\"/>
 - Stem to be screwed and sweated into bushing cap.
 - All porcelain surfaces in contact with gaskets to be ground perfectly flat and square with axis of bushing.
 - Brass cap to be of non-porous alloy tested at 15 psi
 - Porcelain to be glazed brown.
 - This outdoor type bushing is suitable for use only on distribution transformers of capacity not exceeding 1000KVA or other than distribution transformers, or on distribution transformers having a capacity in excess of 1000KVA. It should be used only with the specific approval of the customer.
 - MS = Medium machined
 - This bushing complies with the requirements of AS C329/1959.
 - Oil tight resilient gasket S.R.E.C. hardness NP50 or NP403 or similar.
 - Deadling gasket pressboard or similar.

ELECTRICAL CHARACTERISTIC

Max amps 200 or 400
 Dry flashover 36 kV
 Wet flashover 17 kV
 Impulse flashover 1/50 -ve 79 kV
 Impulse flashover 1/50 +ve 79 kV
 Creepage distance 3.8 inches

Item	Part No.	Quantity	Description
1	200	1	Stem
2	100	1	Cap
3	100	1	Gasket
4	100	1	Pressboard
5	100	1	Insulator

Checked	Designed	Approved	Date
ZAV	ZAV	ZAV	1/17

Customer	Part No.	Description
Stone Islands & Matthews	4132	Assembly of 4132 to 3 1/2\"/>

MATERIAL SPECIFICATION

VOCAB NUMBER	ITEM DESCRIPTION
134053	SHROUD, TRANSFORMER BUSHING, LV (SMALL)

SPECIFICATION DETAILS

Black, polyethylene shields for transformer bushings.

To fit ESSA Standard, 415 Volts, 100 amps, bushing (ESSA drawings 2/3/2B, Elcom SC-1/15).

To be suitable for outdoor use in a tropical environment at altitudes up to 3000m.

Full dimensioned drawings and description of product to be provided with tender.

- **Unit of Measure:** Metres
- **Rejection:** PNG Power Ltd reserves all rights to reject whole or part of the order not complying with this specification and is not liable for any cost or loss with the return of rejects to the Supplier. Facilitation of Invoice Credit must commence between the supplier and PNG Power Ltd through the process of PNG Power Ltd Discrepancy Report provisions.

Drawing References:

Manufacturer's Product Code:

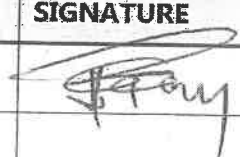
STANDARDS COMMITTEE APPROVAL

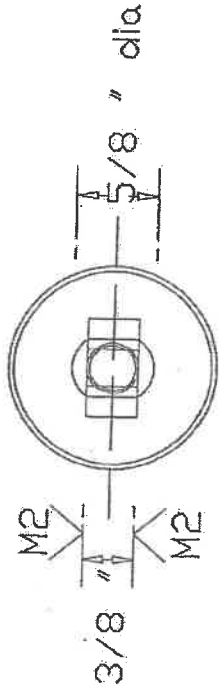
Approval by Alex Oa
Chairman

Signature: 

Date: 22.6.16

DATA REVIEW ENDORSEMENT

NAME	TITLE	SIGNATURE	DATE
Grevasias Peni	Team Leader Standards & Materials		16/6/16



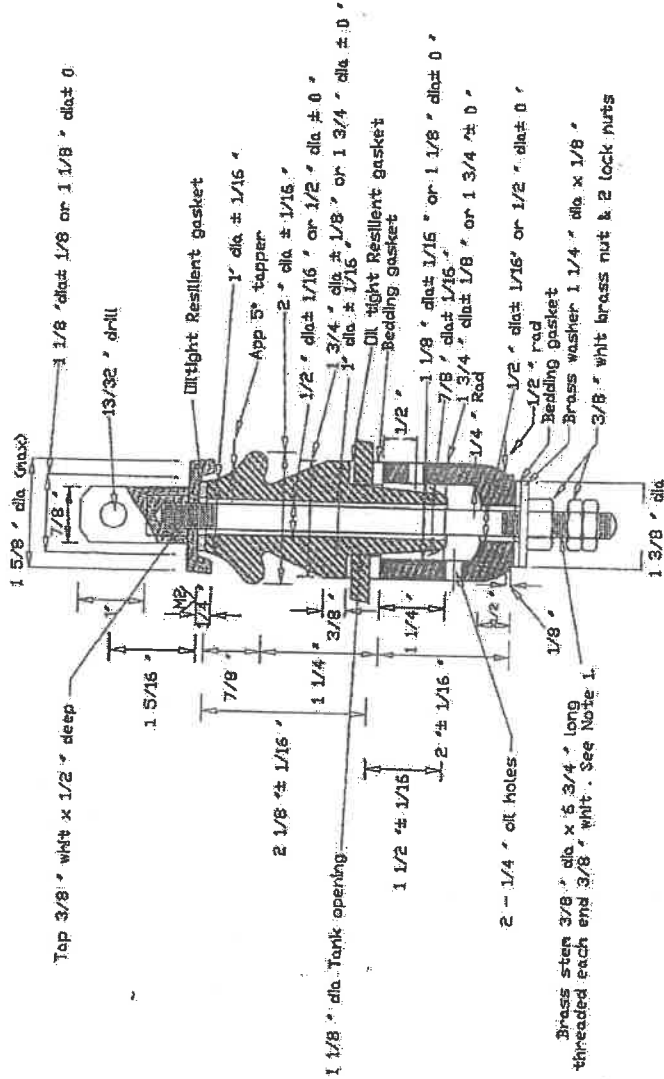
PLAN VIEW OF CAP ONLY

NOTES:

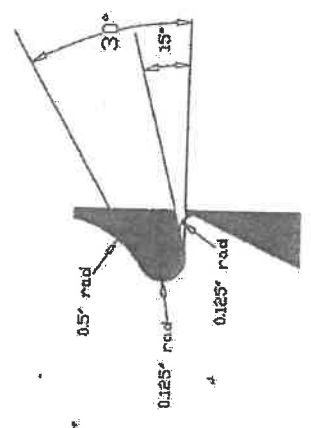
1. Stem Material Brass having a specific resistance not exceeding seven (7) microhms per cubic cm.
2. Stem to be screwed and sweated into bushing cap.
3. All porcelain surfaces in contact with gaskets to be ground perfectly flat and square with axis of bushing.
4. Brass cap to be of non-porous alloy tested at 15 psi
5. Porcelain to be glazed brown.
6. V = Medium machined
7. Oil tight resilient gasket SRBC (Hardness NP 50 or NP 40) or similar.
8. Bedding gasket pressboard or similar.

ELECTRICAL CHARACTERISTIC

- Max amps 100
 Dry flashover 31kV
 Wet flashover 14kV
 Impulse flashover 1/50 -ve
 Impulse flashover 1/50 +ve
 Creepage distance 2.8 inches



DRAWING NOT TO SCALE - ALL DIMENSIONS IN INCHES



DETAILS OF SHEDS OF BUSHING

Rev	Description	By	CHK	DATE	Material
A	Original from	J.A. MP	DLW	12/21/50	
B	Revised drawing	J.S.	MP	1/19/51	
	Original from				
	Revised drawing				

Issue	By	CHK	DATE	Material
1	J.A. MP	DLW	12/21/50	
2	J.S.	MP	1/19/51	

Rev	Description	By	CHK	DATE
1	Original from	J.A. MP	DLW	12/21/50
2	Revised drawing	J.S.	MP	1/19/51

Rev	Description	By	CHK	DATE
1	Original from	J.A. MP	DLW	12/21/50
2	Revised drawing	J.S.	MP	1/19/51

Rev	Description	By	CHK	DATE
1	Original from	J.A. MP	DLW	12/21/50
2	Revised drawing	J.S.	MP	1/19/51



PING POWER Ltd
 115, 116 & 117, 118, 119, 120, 121, 122, 123, 124, 125, 126, 127, 128, 129, 130, 131, 132, 133, 134, 135, 136, 137, 138, 139, 140, 141, 142, 143, 144, 145, 146, 147, 148, 149, 150, 151, 152, 153, 154, 155, 156, 157, 158, 159, 160, 161, 162, 163, 164, 165, 166, 167, 168, 169, 170, 171, 172, 173, 174, 175, 176, 177, 178, 179, 180, 181, 182, 183, 184, 185, 186, 187, 188, 189, 190, 191, 192, 193, 194, 195, 196, 197, 198, 199, 200
 Telephone: (978) 294 3300
 Fax: (978) 294 3305

Rev	Description	By	CHK	DATE	Material
1	Original from	J.A. MP	DLW	12/21/50	
2	Revised drawing	J.S.	MP	1/19/51	

Rev	Description	By	CHK	DATE
1	Original from	J.A. MP	DLW	12/21/50
2	Revised drawing	J.S.	MP	1/19/51

Rev	Description	By	CHK	DATE
1	Original from	J.A. MP	DLW	12/21/50
2	Revised drawing	J.S.	MP	1/19/51

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2	Revised drawing	J.S.	MP	1/19/51

Rev	Description	By	CHK	DATE
1	Original from	J.A. MP	DLW	12/21/50
2	Revised drawing	J.S.	MP	1/19/51

Rev	Description	By	CHK	DATE
1	Original from	J.A. MP	DLW	12/21/50
2	Revised drawing	J.S.	MP	1/19/51

Rev	Description	By	CHK	DATE
1	Original from	J.A. MP	DLW	12/21/50
2	Revised drawing	J.S.	MP	1/19/51

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2	Revised drawing	J.S.	MP	1/19/51

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Rev	Description	By	CHK	DATE
1	Original from	J.A. MP	DLW	12/21/50
2	Revised drawing	J.S.	MP	1/19/51

Rev	Description	By	CHK	DATE
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2	Revised drawing	J.S.	MP	1/19/51

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2	Revised drawing	J.S.	MP	1/19/51

Rev	Description	By	CHK	DATE
1	Original from	J.A. MP	DLW	12/21/50
2	Revised drawing	J.S.	MP	1/19/51

Rev	Description	By	CHK	DATE
1	Original from	J.A. MP	DLW	12/21/50
2	Revised drawing	J.S.	MP	1/19/51

Rev	Description	By	CHK	DATE
1	Original from	J.A. MP	DLW	12/21/50
2	Revised drawing	J.S.	MP	1/19/51



MATERIAL SPECIFICATION

VOCAB NUMBER	ITEM DESCRIPTION
173030	TAPE, ELECTRICAL INSULATING PVC (RED) WIDTH : 19MM LENGTH : 20M

SPECIFICATION DETAILS

The item shall comply with the relevant requirements of :-

AS 1621 – 1988 (as amended)

"Pressure sensitive adhesive electrical tapes".

AS 1635

"Methods of testing pressure sensitive adhesive tape"

OR relevant PNG Standards as adopted.

- **Unit of Measure:** Metres
- **Rejection:** PNG Power Ltd reserves all rights to reject whole or part of the order not complying with this specification and is not liable for any cost or loss with the return of rejects to the Supplier. Facilitation of Invoice Credit must commence between the supplier and PNG Power Ltd through the process of PNG Power Ltd Discrepancy Report provisions.

Drawing References:

Manufacturer's Product Code:


STANDARDS COMMITTEE APPROVAL

Approval by Alex Oa
Chairman

Signature: 

Date: 22/6/16

DATA REVIEW ENDORSEMENT

NAME	TITLE	SIGNATURE	DATE
Grevasias Peni	Team Leader Standards & Materials		22/6/16



MATERIAL SPECIFICATION

VOCAB NUMBER	ITEM DESCRIPTION
173031	TAPE, ELECTRICAL INSULATING PVC (WHITE) WIDTH : 19MM LENGTH : 20M

SPECIFICATION DETAILS

This item shall comply with the relevant requirements of :-

AS 1621 – 1988 (as amended)

"Pressure sensitive adhesive electrical tapes".

AS 1635

"Methods of testing pressure sensitive adhesive tape"

OR relevant PNG Standards as adopted.

- **Unit of Measure:** Metres
- **Rejection:** PNG Power Ltd reserves all rights to reject whole or part of the order not complying with this specification and is not liable for any cost or loss with the return of rejects to the Supplier. Facilitation of Invoice Credit must commence between the supplier and PNG Power Ltd through the process of PNG Power Ltd Discrepancy Report provisions.

Drawing References:

Manufacturer's Product Code:


STANDARDS COMMITTEE APPROVAL

Approval by Alex Oa
Chairman

Signature: 

Date: 22, 6, 16

DATA REVIEW ENDORSEMENT

NAME	TITLE	SIGNATURE	DATE
Grevasias Peni	Team Leader Standards & Materials		22/6/16



MATERIAL SPECIFICATION

VOCAB NUMBER	ITEM DESCRIPTION
173032	TAPE, ELECTRICAL INSULATING PVC (BLUE) WIDTH : 19MM LENGTH : 20M

SPECIFICATION DETAILS

This item shall comply with the relevant requirements of :-

AS 1621 – 1988 (as amended)

“Pressure sensitive adhesive electrical tapes”.

AS 1635

“Methods of testing pressure sensitive adhesive tape”

OR relevant PNG Standards as adopted.

- **Unit of Measure:** Metres
- **Rejection:** PNG Power Ltd reserves all rights to reject whole or part of the order not complying with this specification and is not liable for any cost or loss with the return of rejects to the Supplier. Facilitation of Invoice Credit must commence between the supplier and PNG Power Ltd through the process of PNG Power Ltd Discrepancy Report provisions.

Drawing References:

Manufacturer's Product Code:

STANDARDS COMMITTEE APPROVAL

Approval by Alex Oa
Chairman

Signature: 

Date: 22/6/16

DATA REVIEW ENDORSEMENT

NAME	TITLE	SIGNATURE	DATE
Grevasias Peni	Team Leader Standards & Materials		22/6/16



MATERIAL SPECIFICATION

VOCAB NUMBER	ITEM DESCRIPTION
173033	TAPE, ELECTRICAL INSULATING PVC (BLACK) WIDTH : 19MM LENGTH : 20M

SPECIFICATION DETAILS

This item shall comply with the relevant requirements of :-

AS 1621 – 1988 (as amended)

"Pressure sensitive adhesive electrical tapes".

AS 1635

"Methods of testing pressure sensitive adhesive tape"

OR relevant PNG Standards as adopted.


- **Unit of Measure:** Metres
- **Rejection:** PNG Power Ltd reserves all rights to reject whole or part of the order not complying with this specification and is not liable for any cost or loss with the return of rejects to the Supplier. Facilitation of Invoice Credit must commence between the supplier and PNG Power Ltd through the process of PNG Power Ltd Discrepancy Report provisions.

Drawing References:

Manufacturer's Product Code:


STANDARDS COMMITTEE APPROVAL

Approval by Alex Oa
Chairman

Signature: 

Date: 22/6/16

DATA REVIEW ENDORSEMENT

NAME	TITLE	SIGNATURE	DATE
Grevasias Peri	Team Leader Standards & Materials		22/6/16



MATERIAL SPECIFICATION

VOCAB NUMBER	ITEM DESCRIPTION
173034	TAPE, ELECTRICAL INSULATING PVC (GREEN - YELLOW) WIDTH : 19MM LENGTH : 20M

SPECIFICATION DETAILS

This item shall comply with the relevant requirements of :-

AS 1621 – 1988 (as amended)

"Pressure sensitive adhesive electrical tapes".

AS 1635

"Methods of testing pressure sensitive adhesive tape"

OR relevant PNG Standards as adopted.

- **Unit of Measure:** Metres
- **Rejection:** PNG Power Ltd reserves all rights to reject whole or part of the order not complying with this specification and is not liable for any cost or loss with the return of rejects to the Supplier. Facilitation of Invoice Credit must commence between the supplier and PNG Power Ltd through the process of PNG Power Ltd Discrepancy Report provisions.

Drawing References:

Manufacturer's Product Code:


STANDARDS COMMITTEE APPROVAL

Approval by Alex Oa
Chairman

Signature: 

Date: 22, 6, 16

DATA REVIEW ENDORSEMENT

NAME	TITLE	SIGNATURE	DATE
Grevasias Peni	Team Leader Standards & Materials		22/6/16