

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](mailto: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.**            **15/2018**

**CLOSING AT**                    4.00 PM FRIDAY 27<sup>th</sup> JULY 2018

**FOR**                                SUPPLY AND DELIVERY OF INDUSTRIAL  
DEGREASER, HAND CLEANER, SOLVENT  
CLEANER, TREE AND WEED KILLER TO PNG  
POWER LTD DEPOTS OF POM, LAE, RABAU AND  
GOROKA BY PERIOD CONTRACT FOR A THREE  
(3) YEAR TERM.



Street Address: Cnr Wards Road & Cordle St., Hohola  
Postal Address: PO Box 1105, BOROKO 111, NCD, PNG  
General Enquiries: Telephone: + (675) 325 9200

## 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.



**PAPUA NEW GUINEA POWER LTD.**  
**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	142159	DEGREASER INDUSTRIAL CLEANER		EACH	600					
2	142268	TREE AND WEED KILLER PRODUCT CODE: GLYPHOSATE 360, STD PACK = 5LITRE CONTAINER		EACH	1090					
3	175080	EVAPORATING SOLVENT CLEANER, STD PACK = 5 LITRE CONTAINER		EACH	1115					
4	181096	INDUSTRIAL HAND CLEANER ( PETROLEUM SOLVENT TYPE)		EACH	1140					



**PAPUA NEW GUINEA POWER LIMITED**  
**(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)	RABAUL (e)	GOROKA (f)
1.	In Country				
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.

- Supply will conform with the conditions of Tender as specified.
- The price basis of the offer has been clearly identified in Part 2 - A in accordance with explanatory notes.
- The country of manufacturer of the product is given at Part 2 - B.
- 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
142159	DEGREASER INDUSTRIAL CLEANER

**SPECIFICATION DETAILS**

AS PER PNG POWER LTD GENERAL SPECIFICATION FOR  
DEGREASER, INDUSTRIAL CLEANER

- **Unit of Measure:** Each
- **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: 4.6.2015

**DATA REVIEW ENDORSEMENT**

Name	Title	Signature	Date
John Mandali	Manager OHS		03/06/15

**TENDER TECHNICAL SPECIFICATION FOR PROTECTIVE GLOVES. Vocab: 142159****1.0 SCOPE:**

The specification covers the requirement of the Industrial Degreaser that is to be supplied and delivered to the nominated PNG Power stores.

**2.0 APPLICATION:**

The *Degreaser Industrial Cleaner* is specifically intended for Industrial application as a medium to instantly penetrate, dissolve and remove the most stubborn soils and grease from metal, concrete floors, rubber and plastic surfaces with maximum efficiency in a grease and oil environment such as Power House and Workshops.

**3.0 GENERAL REQUIREMENTS:**

- 3.1 Whilst the Degreaser Industrial Cleaner must be capable of removing oils, grease, dirt, grime, carbon, etc. It must not be detrimental to PVC, Polyethylene, Natural Rubber and other insulating materials commonly used in Power Station and workshops.
- 3.2 The Degreaser Industrial Cleaner shall not contain any paint stripping nor corrosive ingredients. Furthermore, it shall be free of skin irritation.

**4.0 TECHNICAL INFORMATION:**

A *Material Safety Data Sheet (MSDS)* shall be prepared in accordance with the Work safe Australia Guidance Note and shall be provided to PNG Power together with any relevant documents

**5.0 MARKING AND LABELLING:**

In addition to any other legislation requirements, the following information shall be legibly marked on the containers of the Degreaser Industrial Cleaner or on securely attached labels:

- 5.1 The Manufacturer's name, trademark or trade name.
- 5.2 Instruction for use, including warning on overuse and possible skin irritation.
- 5.3 The mass or volume of the contents as appropriate.
- 5.4 The batch number and either the expiring date or the date of manufacture.

**6.0 PRODUCT TO BE SUPPLIED:**

The original product complying with this material specification shall be supplied at all times. If an alternative product is to be offered then conditions of paragraph 7 will apply.

**7.0 CONDITIONS OF CHANGES:**

Should there be any changes either to the product composition or the prices of the product and if an alternative product is to be offered for reasons beyond the suppliers control during the term of the period contract, PNG Power shall be notified in writing prior to any changes taking place and stating.

- 7.1 The reason for the changes
- 7.2 Provide a copy of the Material Safety Data Sheet (MSDS) for the new chemical.
- 7.3 Provide a copy of the permit to import, sell, distribute or manufacture this product
- 7.4 In the event that an alternative product is to be offered, all other conditions in this specification will apply

**TENDER TECHNICAL SPECIFICATION FOR PROTECTIVE GLOVES. Vocab: 142159****8.0 SIZE OF CONTAINER:**

Containers shall be of five (5) litre capacity.

**9.0 PACKAGING:**

The Degreaser Industrial Cleaner shall be packed in sound, clean, dry containers with air tight closures. The containers shall be impermeable and there shall be no reaction between the containers and the degreasing agent

John Mandali  
**Manager Occupational Health & Safety**



### MATERIAL SPECIFICATION

VOCAB NUMBER	ITEM DESCRIPTION
142268	<b>TREE AND WEED KILLER</b> <b>PRODUCT CODE: GLYPHOSATE 360</b> <b>STD PACK = 5 LITRE CONTAINER</b>

#### SPECIFICATION DETAILS

**1.0 SCOPE:**

This specification covers the supply and delivery of Tree & Weed Killer to the nominated PNG Power stores.

**2.0 APPLICATION:**

The Tree & Weed Killer is specially intended to be used as a medium to control unwanted vegetation and trees within the PNG Power premises. Such areas as the Construction sites, Equipment and Material Storage areas, around power poles, along boundary fence, drains in Power station and substations, etc.

**3.0 REGISTRATION:**

The Tree & Weed Killer shall be registered in an overseas country and the supplier shall provide the name of the country and the registration number of the product.

**4.0 COMPLIANCE WITH ACT:**

The Tree & Weed Killer shall comply with the requirements of the "ENVIRONMENTAL CONTAMINANTS (PESTICIDES) REGULATION 1988". In addition the supplier shall provide a copy of the permit to import/distribute/sell or manufacture a pesticide as required by the above regulation. Furthermore, if required by the purchaser, the supplier shall provide a copy of the application form (FORM 1).

- **Unit of Measure:** Each
- **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: 4.6.2015

#### DATA REVIEW ENDORSEMENT

Name	Title	Signature	Date
John Mandali	Manager OHS		05/06/15



**SPECIFICATION FOR TREE & WEED KILLER. Vocab: 142268****5.0 PACKAGING:**

The Tree & Weed Killer shall be packed in a sound, clean, dry, containers with air tight closures. The containers shall be impermeable and there shall be no reaction between the container and the weed killer.

**6.0 TECHNICAL INFORMATION:**

A **Material Safety Data Sheet (MSDS)** shall be prepared in accordance with the "Work Safe Australian Guidance Note" and shall be provided to PNG Power together with many relevant documents. MSDS shall be produced to PPL for study prior to supply of the chemicals.

**7.0 MARKING AND LABELLING:**

In addition to any requirements of the Environmental Contaminants Act – Chapter 368, the following information shall be legibly marked on the containers of the Tree & Weed Killer or on securely attached labels:

- 7.1 The Manufacturer's name, trademark or trade name.
- 7.2 Instructions for use, including warning on overuse and possible skin irritation.
- 7.3 The mass or volume of the contents as appropriate.
- 7.4 The batch number and either the expiry date or the date of manufacture.

**8.0 SIZE OF CONTAINER:**

Containers shall be of five (5) litre capacity.

**9.0 PRODUCT TO BE SUPPLIED:**

The original product complying with this material specification shall be supplied at all times. If an alternative product is to be offered, conditions of paragraph 10 will apply.

**10.0 CONDITIONS OF CHANGES:**

Should there be any changes either to the chemical composition or the prices of the product and if an alternative product is to be offered for reasons beyond the suppliers control during the term of the period contract, PNG Power shall be notified in writing prior to any changes taking place and stating:

- 7.1 The reasons for the changes
- 7.2 Provide a copy of the Material Safety Data Sheet (MSDS) for the new chemical.
- 7.3 Provide a copy of the permit to import, sell, distribute or manufacture this product.
- 7.4 In the event that an alternative product is to be offered, all other conditions in this specification will still apply.

**11.0 ACCEPTANCE:**

Before acceptance into PPL stores the product shall be inspected by the authorized PPL staff to ensure it complies with this specification. The Material Safety Data Sheet shall be delivered to PPL for study in regards to health and Safety Precautions, First Aid Measures etc before supply of the item. PPL reserves the right to ask for substitution or replacements to protect health and safety of PPL personal, public and environment.

**TENDER TECHNICAL SPECIFICATION FOR PROTECTIVE GLOVES. Vocab: 142268**

PPL reserves the right to have chemical tests carried out on the product upon delivery and before acceptance to ensure compliance of the product is achieved. Any product not complying with this specification shall be returned to the contractor for rectification or replacement at no cost.

John Mandali  
**MANAGER OCCPATONAL HEALTH AND SAFETY**

## MATERIAL SPECIFICATION

VOCAB NUMBER	ITEM DESCRIPTION
175080	EVAPORATING SOLVENT CLEANER  STD PACK = 5 LITRE CONTAINER

### SPECIFICATION DETAILS

AS PER PNG POWER LTD GENERAL SPECIFICATION FOR  
EVAPORATING SOLVENT CLEANER

- **Unit of Measure:** Each
- **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: \_\_\_\_\_

4. 6. 2015

### DATA REVIEW ENDORSEMENT

NAME	TITLE	SIGNATURE	DATE
John Mandali	Manager Occupational Health & Safety		03/06/15

**SPECIFICATION FOR EVAPORATING SOLVENT CLEANSER, VOCAB : 175080****1.0 SCOPE:**

This specification covers the supply and delivery of Evaporating Solvent Cleaner to the nominated PNG POWER stores.

**2.0 APPLICATION:**

The solvent cleaner is intended to be used for cleaning and degreasing electrical and mechanical components where water rinse is undesirable. The solvent shall be applied by either brush or spray.

**3.0 GENERAL REQUIREMENTS****3.1 General**

The solvent shall be designed to evaporate quickly and dry residue free and at the same time eliminate the risk of fire. The solvent shall have no corrosive effect on metals and no or low corrosive effect on insulation materials. The following details shall apply to the solvent properties.

**3.2 Toxicity**

The toxicity of the solvent shall not be less than 390-PPM Threshold Limit Value.

**3.3 Relative Toxicity**

The Relative Toxicity shall not exceed 7% when compared with Carbon Tetra-Chloride maximum allowable concentration. The method of measurement is described in Safety Brochure 7 of the Committee of National Health of Medical Research of Australia.

**3.4 Metal Corrosion**

The solvent shall have no corrosive effect on any metal particularly steel, copper, bronze, brass, aluminium or solder and alloy combinations.

**3.5 Flash Point**

The flash point of the solvent shall be greater than 90°C when measured by using the P.M.C.C method according to A.S.T.M.D 93/62.

**3.6 Dielectric Strength**

This solvent shall have a dielectric strength greater than 40KV using the method of test described in Appendix C of AS 1767 – 1975 or IEC Publication 156-1963.

**3.7 Effect on Insulation material**

The effect of the solvent on insulation material shall not exceed the value given.

**3.7.1 Oil Modified Synthetic Resin Base**

Dried Varnish Coverings

There shall be reduction in pencil hardness after 10 minutes immersion in the solvent

**3.7.2 Styrenated Ackyd Base Dried Varnish Coverings**

There shall be no reduction in pencil hardness after 6 hours immersion in the solvent.

**SPECIFICATION FOR EVAPORATING SOLVENT CLEANSER, VOCAB : 175080****4.0 STANDARDS:**

Reference is made to the following standards.

- AS 1767 – 1975 "Insulating Oil For Transformer & Switchgear"
- IEC Publication 156-1963
- Australian Standard Test Method D663/62
- Committee of National Medical Research Council of Australia Brochure No.7
- Pensky – Martens Closed Cup Test Method

**5.0 QUALITY CONTROL:**

PNG Power Ltd would expect the manufacturer to have in practice a factory quality control program under the guidance of qualified chemists to ensure product chemical control. Batch samples shall be held for a minimum of 6 Months from the date of manufacture.

**6.0 PACKING:**

The solvent shall be supplied in unbreakable containers preferably metal containers with air tight closures. The containers shall be impermeable and there shall be no reaction between the container and the solvent cleaner.

**7.0 LABELLING/INSTRUCTIONS:**

The label shall be suitably affixed to the container and shall have the following information clearly and indelibly printed on the label or alternatively moulded or stamped in a permanent form on the container:

- 7.1 The words "Solvent Cleaner"
- 7.2 The Manufacturer's Batch Number
- 7.3 A General Hazard Statement
- 7.4 Personal Protection Recommendations
- 7.5 First Aid recommendations in case of Skin and Eye contact, Inhalation and Ingestion

**8.0 INFORMATION TO BE SUPPLIED WITH TENDER:**

The tenderer shall submit with the quotation written evidence of the following information:

- 8.1 The Toxicity Limit Value
- 8.2 The Relative Toxicity compared with carbon Tetrachloride maximum allowable concentration as measured by the method described in clause 3.3.
- 8.3 The corrosive effect on metal mentioned in clause 3.4
- 8.4 The flash point value as measured by the method described in clause 3.5
- 8.5 The dielectric strength as measured by the method described in clause 3.6
- 8.6 The effect on insulation material mentioned in sub clauses 3.7.1 & 3.7.2
- 8.7 That the label shall have at least that information described in clause 7
- 8.8 If any quality control program is practiced at the factory of manufacture
- 8.9 The type of container material in which the solvent is supplied and its volume in Litres.
- 8.10 The Brand Name and place of manufacture of the solvent
- 8.11 If the solvent has not previously been supplied to the organization the solvent formulation shall be made available upon request to ensure that the solvent contains chemicals of low toxicity.
- 8.12 The recommended shelf life of the solvent.

**SPECIFICATION FOR EVAPORATING SOLVENT CLEANSER, VOCAB : 175080****9.0 PRODUCT TO BE SUPPLIED:**

The original product complying with this material specification shall be supplied at times. If an alternative product is to be offered then conditions of paragraph 10 will apply.

**10.0 CONDITION OF CHANGE:**

Should there be any changes either to the chemical composition or the price of the product and if an alternative product is to be offered for reasons beyond the Supplier's control during the term of the period contract, PPL shall be notified in writing prior to any changes taking place and stating:

10.1 The reason(s) for the change

10.2 Provide a copy of the Material Safety Data Sheet (MSDS) for the new chemical

10.3 Provide a copy of the permit to import, sell, distribute or manufacture this product

10.4 In the event of an alternative product being offered all other conditions of this specification will apply.

**11.0 SIZE OF CONTAINER:**

Containers shall be of (5) Litre capacities

**12.0 ACCEPTANCE:**

Before acceptance into PPL stores the solvent shall be inspected by the authorised PPL staff to ensure the solvent complies with the specification. The material safety data sheet shall be delivered to PPL for study in regards to health and safety precautions. First Aid measures etc before supply of the item. PPL reserves the right to ask for substitution or replacement to protect health and safety of PPL personal, public and environment. PPL reserves the right to have chemical tests carried out on the solvent upon delivery and before acceptance to ensure compliance of the product is achieved. Any product not complying with this specification shall be returned to the contractor for rectification or replacement at no cost.

John Mandali

**MANAGER OCCUPATIONAL HEALTH & SAFETY**



### MATERIAL SPECIFICATION

VOCAB NUMBER	ITEM DESCRIPTION
181096	INDUSTRIAL HAND CLEANER (PETROLEUM SOLVENT TYPE)

#### SPECIFICATION DETAILS

AS PER PNG POWER LTD GENERAL SPECIFICATIONS FOR  
INDUSTRIAL HAND CLEANER (PETROLEUM SOLVENT CLEANER)

- **Unit of Measure:** Each
- **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 provision.

*Drawing References:*

*Manufacturer's Product Code:*

#### STANDARDS COMMITTEE APPROVAL

Approval by: Alex Oa  
Chairman

Signature: 

Date: 7.1.6.15

#### DATA REVIEW ENDORSEMENT

Name	Title	Signature	Date
John Mandali	Manager OHS		03/06/15

**SPECIFICATION FOR INDUSTRIAL HAND CLEANER (PETROLEUM SOLVENT TYPE). Vocab: 181096****1.0 SCOPE:**

The specification covers the supply and delivery HAND CLEANER (Petroleum Solvent Type) to the nominated PNG Power stores.

**2.0 APPLICATION:**

The Industrial Hand Cleaner is intended for the removal of dirt, grease, grime, carbon and other soils.

**3.0 GENERAL REQUIREMENTS:**

The hand cleaner shall be gel, liquid or cream of homogeneous texture and shall consist essentially of surface-active agents, solvents and water. The hand cleaner should break and spread easily on the skin, be non-sticky and be readily rinsed off water without an oily residue or deposit in the hands. The hand cleaner shall leave the hands clean and free of skin irritation, dryness or greasiness.

**4.0 STANDARD:**

The hand cleaner shall comply with the requirement of AS 1223 – 1991.

**5.0 TECHNICAL INFORMATION:**

A **Material Safety Data Sheet (MSDS)** shall be prepared in accordance with the "Work Safe Australian Guidance Note" and shall be provided to PNG Power Ltd together with any relevant documents. MSDS shall be produced to PPL for study prior to supply of the chemicals.

**6.0 PACKAGING:**

The hand cleaner shall be packed in sound, clean, dry container with air tight closures. The container shall be impermeable and there shall be no reaction between the containers and the hand cleaner.

**7.0 MARKING AND LABELLING:**

The following information shall be marked on the containers of hand cleaners or on securely attached labels:

- 7.1 The Manufacturer's name, trademark or trade name.
- 7.2 The wording: Industrial hand cleaner (Petroleum Solvent Type)
- 7.3 Instructions for use, including warning on overuse and possible skin irritation
- 7.4 The mass or volume of the contents as appropriate.
- 7.5 The batch number and either the expiry date or the date of manufacture.

**8.0 SIZE OF CONTAINER:**

Containers shall be of five (5) or Eight (8) litres capacity.

**9.0 PRODUCT TO BE SUPPLIED:**

The original product complying with this material specification shall be supplied at all times. If an alternative product is to be offered, conditions of paragraph 10 will apply.



**10.0 CONDITIONS OF CHANGES:**

Should there be any changes either to the chemical composition or the prices of the product and if an alternative product is to be offered for reasons beyond the suppliers control during the term of the period contract, PNG Power shall be notified in writing prior to any changes taking place and stating:

- 7.1 The reasons for the changes.
- 7.2 Provide a copy of the Material Safety Data Sheet (MSDS) for the new chemical.
- 7.3 Provide a copy of the permit to import, sell, distribute or manufacture this product.
- 7.4 In the event that an alternative product is to be offered, all other conditions in this specification will still apply.

John Mandali

**MANAGER OCCPATONAL HEALTH AND SAFETY**

