



TITLE: TENDER DOCUMENT & INVITATION TO QUOTE

PROJECT NAME	CONSTRUCTION OF OIL/WATER SEPARATOR (OIL TRAP) & ASSOCIATED CIVIL WORKS AT BIALLA POWERHOUSE
PROJECT LOCATION	BIALLA POWERHOUSE, WEST NEW BRITAIN PROVINCE
PPL QUOTATION NO.	EHS16 /2020

	Designation	Name
Prepared By	Project Engineer	Mr Nebare G Yaa
Authorized By	Project Manager & Snr. Manager CSE S/NGI	Mr Leo Savinga
Date Prepared	4 September 2020	

Handwritten signatures in blue ink are present next to the names in the table. The signature for Mr Nebare G Yaa is written in black ink, and the signature for Mr Leo Savinga is written in blue ink.

TABLE OF CONTENTS

DESCRIPTION	SECTION
Section One (1): DOCUMENT TO SUBMIT WHEN TENDERING	1
SECTION TWO (2): TECHNICAL SPECIFICATION	2

The Team Leader
Tenders, Contracts & Supplier Management
Inventory Management Business Unit
Papua New Guinea (PNG) Power Limited
P. O. Box 1105
BOROKO
National Capital District (NCD)
Papua New Guinea

E-mail: ~~supplyhelpdesk@pngpower.com.pg~~
tenders@pngpower.com.pg

Dear Sir/Madam,

SUBJECT: INVITATION TO QUOTATION FOR THE CONSTRUCTION OF OIL/WATER SEPARATOR
(OIL TRAP) & ASSOCIATED CIVIL WORKS FOR BIALLA POWERHOUSE

- i. Your company is invited to submit the most competitive quotation for the work mentioned in the captioned subject. The detail descriptions of the works and Technical Specifications are specified in Section 2 of this Tender Document.
- ii. To assist you in the preparation of your quotation, we are enclosing the following:
 - Technical specifications plus scope of works and drawings
 - Instruction to Bidders
 - Draft Contract Agreement format which will be used for finalizing the agreement for this contract
- iii. The Quotation Submission shall consist of the original of each of the following and one (1) copy of each section (Section 2), all duly completed;
 - A) Form of Quotation
 - B) Quotation Data
 - C) Schedule of Rates and Quantities for Variation
 - D) Any other information or documents call for in the Specification or subsequent addenda
 - E) Additional information or documents offered by the Bidder to aid evaluation of the quotation
- iv. You are requested to provide your offer latest in **7 working days** from the date you receive this Document.

v. Tender closes with:

Papua New Guinea (PNG) Power Limited
P. O. Box 1105
BOROKO
National Capital District (NCD)
Papua New Guinea

Submission of quote/tenders shall be 7 working days from the time you receive this notice. That is on Friday 25/09 September at 4:0 PM. Quotations received after the closing date will not be considered.

vi. Thank you and we look forward to receiving your quotations and thank you for your interest in this project.

Note: Any enquiries during the Quotation period shall be addressed to:

*The Project Engineer, Civil Team, Generation Business Unit
Papua New Guinea (PNG) Power Limited
P. O. Box 1105
BOROKO
National Capital District (NCD)
Papua New Guinea*

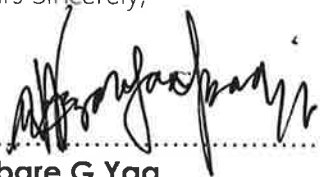
E-mail: nyaa@pngpower.com.pg

Or

*The Team Leader – Tenders, Contracts and Supplier Management
Inventory Management Business Unit
Papua New Guinea (PNG) Power Limited
P. O. Box 1105
BOROKO
National Capital District (NCD)
Papua New Guinea*

E-mail: ~~applytenders@pngpower.com.pg~~ tenders@pngpower.com.pg

Yours Sincerely,



Nebare G Yaa
Project Engineer

SECTION ONE (1): DOCUMENT TO SUBMIT WHEN TENDERING

A) QUOTATION FORM

Bidders are required to complete the blank space in the Quotation Form and complete the Schedules included in this Tender Document.

To: Team Leader
Tenders, Contracts & Supplier Management
Inventory Management Business Unit
Papua New Guinea (PNG) Power Limited
P. O. Box 1105
BOROKO
National Capital District (NCD)
Papua New Guinea

Dear Sir/Madam,

1. Having examined the Drawings, Technical Specifications and Scope of Works for the execution of the above named Works, we the undersigned, offer to execute, complete and remedy defects in the whole of the said works in conformity with the said drawings, Conditions of Contract, Technical Specification and Schedule for the sum of (in words & Figures)..... (K.....) or such other sum as may be determined in accordance with the said conditions.
2. We undertake, if our Quotation is accepted, to complete and deliver the whole of the works compromised in the Contract within..... (.....) weeks subject to the said conditions.
3. We agree to abide by the Quotation for the period of 12 months for the date fixed for receiving the same and it shall remain binding upon us and may be accepted at any time before expiration of that period.
4. Unless and until a Formal Arrangement is prepared and executed, this Quotation together with your written acceptance thereof shall constitute a binding Contract between us.

We understand that you are not bound to accept the lowest or any Quotation you may receive.

Signed and sealed for and on behalf of:

Sign:.....
By:.....
The.....
of the said Company herein Authorised
in the presence of Address of company Quoting:
.....

B) QUOTATION DATA

i. Sub-Contractor (s)

Bidders shall list the sections of work and the name (s) and address of sub-contractor (s) (if any) nominated to carry out any portion of the works;

Portion of the Work (s)	Sub-Contractor's Name & Address
1. Evaluation	
2.	
3.	
4.	

ii. Contract Supervision

Bidders shall list their proposed supervisory staff for this contract. (Name, contact details & designation)

Name	Contact details (Phone No.)	Designation
1.		
2.		
3.		
4.		
5.		

iii. Statement of Experience

The Bidder shall state hereunder facts in details describing at least three (3) previous experiences and achievements in performing similar or comparable works together with the names of authorities for who, and the dates when such works was carried out.

Project	Name of Employer	Description of Work	Year
1.			
2.			
3.			
4.			
5.			

Partner c:

c) To be filled by an individual Licensed Contractor only (Optional)

1. Name: Nationality:
2. Business Address: Phone:
P. O. Box: Fax:
..... Email:
3. Date Registered:
4. Capital:
5. Bank/Branch:

d) To be provided by all Bidders:

1. A declaration stating the portion of National Ownership
2. Documentation or evidence providing either NIDA Registration (or exemption) or IPA Certification of the Tender
3. Certificate of Compliance issued by the taxation office
4. VAT Registration Number or Tax

vi. TECHNICAL INFORMATION

The bidder shall provide, if necessary, the following information:

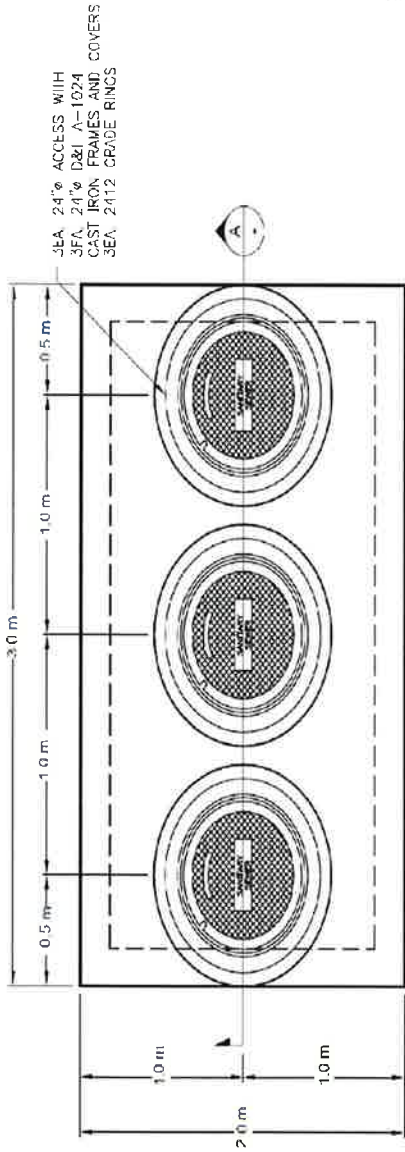
- a.

Clause or Schedule No.	Departures from the Requirement of this Specification with Details of Alternative Proposal
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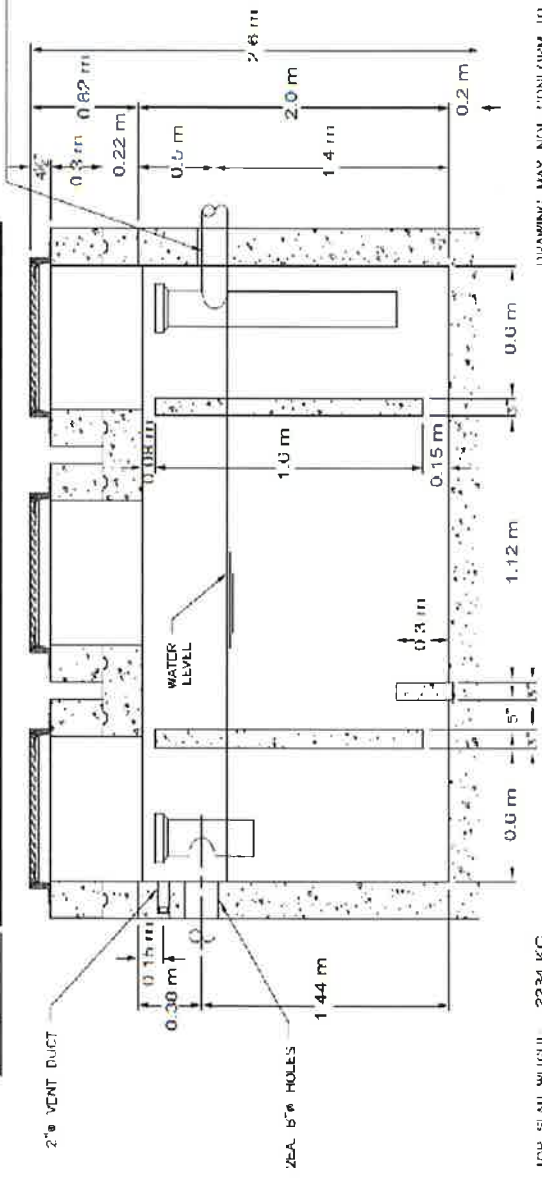
- b. Details of Specific Products when specifically called for in the specification

- c. Method Statement. Full details shall be given detailing the Proposed Method of Works.

Project Name: Bialla Powerhouse Oil Trap Project					
Project Location: Bialla Powerhouse, West New Britain Province					
Project Owner: PNG Power Limited					
Project Supervision: Civil Team - Generation Business Unit					
Item	Task Description	Unit	Qty	Rate (PGK)	Amount (PGK)
Group 1: General Clauses					
1.10	The contractor shall provide and maintain temporary sheds for the storage of materials & tools for the use of all persons employed on the Site. Those used for the storage of cement and other perishable materials and the like are to be weatherproofed at all times	LS	1		
1.20	Provide, maintain and keep in a clean condition adequate temporary sanitary accommodation and facilities in accordance with local regulations for all persons employed on the Works.	LS	1		
1.30	Allow for supplying temporary electricity for the Works and facilities of the contractor including 'connection, distribution system for the work, internal arrangements and all payment to the authorities for connections. It is the responsibility of the Contractor to ensure steady and uninterrupted power supply to Works. The Contractor shall not be entitled to claim and the Employer shall not pay cost incurred by the Contractor for using electric power generators or for using other alternative power supply method in case there happened to be disruptions to normal power supply due to any reason.	LS	1		
1.40	Allow for provision of water for the works including drinking water, and paying all charges and other expenses in connection with the supply from water mains or any other alternative method of water supply, storage and distribution. It is the sole responsibility of the contractor to ensure steady, uninterrupted adequate supply of water required for main contract and nominated sub contract work.	LS	1		
1.50	Allow for Public Relations & Security Matters	LS	1		
1.60	Allow for measures to protect Environment	LS	1		
Group 2: Establishment					
2.10	Allow for mobilization i.e plant, machinery, other equipment including all materials & his work force etc to the site	LS	1		
2.20	Allow for demobilization i.e plant, machinery, other equipments including his workforce and final cleanup of work area.	LS	1		
Group 3: Clearing & Grubbing					
3.10	Clearing & grubbing shall include clearing of all rubbish & weeds grown around the works area including debris blocked off in the existing inlet and outlet of the existing oil trap	Sq.M	50		
Group 4: Earthworks					



OUTLET LOCATED 1/2" PIPE
DIAMETER LOWER THAN INLET



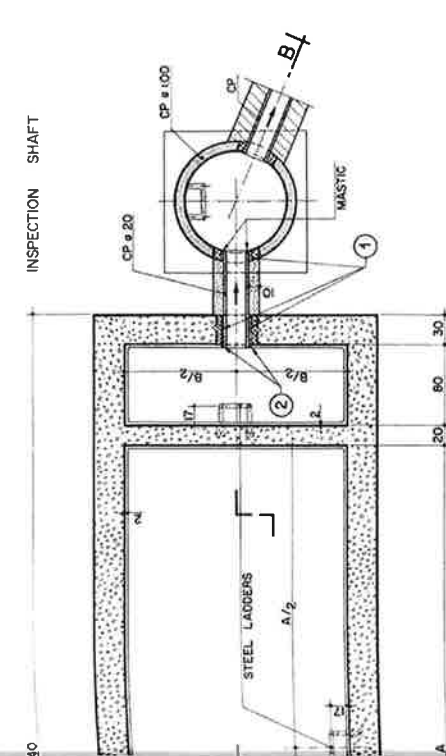
NOTES
1200 TOTAL GALLON
OILWATER SEPARATOR
CONTRACTOR TO SUPPLY
MATERIALS & CONSTRUCT
AS PER THE DWG

DRAWING: MAY 2021
MCSST CURRENT SPECIFICATION

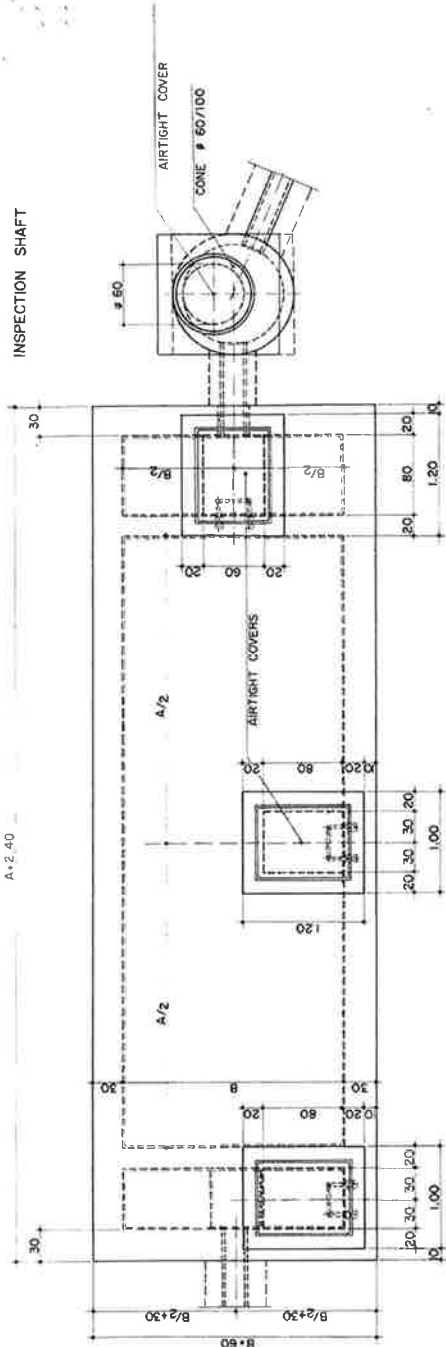
ICM SEAU WLGHT II 2234 KC
VAULT WLGHT. 8536 KG

	DRAWING TITLE: OWS	FILE NAME: OWS-DWG01	ENVIRONMENTAL VAULT
	PROJECT: BIALA POWERHOUSE OIL TRAP PROJECT	DATE: MAY, 2020 ISSUED TO: RETAIL BUSINESS UNIT, PPL	OIL WATER SEPARATOR
DESIGNED BY: NEBARE G YAA		SIGHTED BY: SNR MCS SOUTHERN/NGI	Copyright © 2020 NGY PNG POWER LTD

SECTION A-A

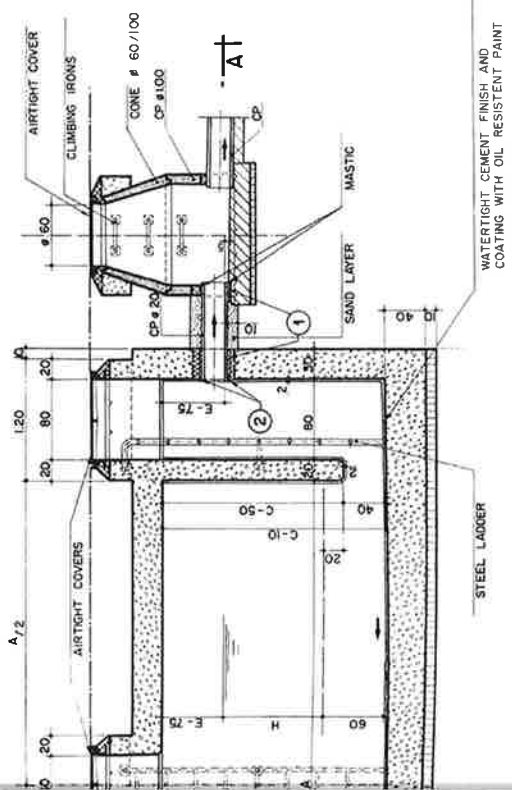


PLAN VIEW

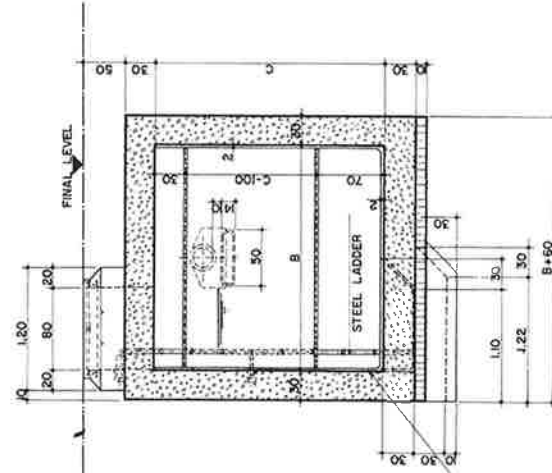


INSPECTION SHAFT

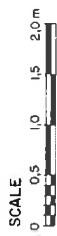
SECTION B-B



CROSS SECTION C-C



OIL QUANTITY	LENGTH		WIDTH			HEIGHT			LOCATION
	A	B	C	E	H	C	E	H	
25 000 l	5.00	2.50	3.95	2.00	2.00	POWERHOUSE			
20 000 l	5.00	2.50	2.95	1.40	1.60	TANK FARM			



LEGEND:

- REINFORCED CONCRETE C 200
- CONCRETE C 100
- LEAN CONCRETE
- MORTAR
- CP = CONCRETE PIPE
- CLP = CLAY PIPE
- ① PLASTIC FOAM MATERIAL
- ② OIL RESISTANT MASTIC

PAPUA NEW GUINEA ELECTRICITY COMMISSION

ROUNA 4 HYDROELECTRIC SCHEME
GENERAL CONSTRUCTION DETAILS
OIL SEPARATOR
PLAN VIEW, SECTIONS

Naromaniua, S.
CONSULTING ENGINEER, ARCHITECTS AND ESTIMATORS

AS SHOWN

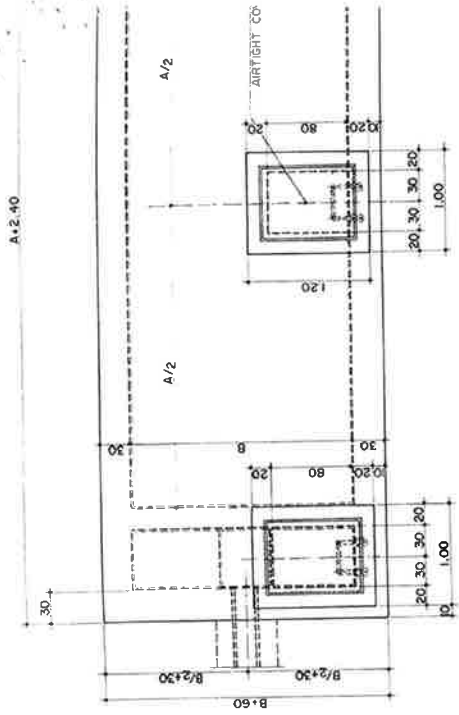
Checked: SEPT 1991
Approved: [Signature]
Date: [Date]

NO 1859

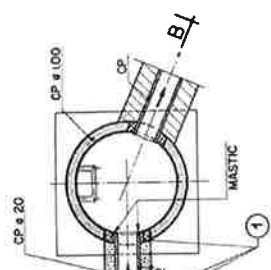
HC - 1536



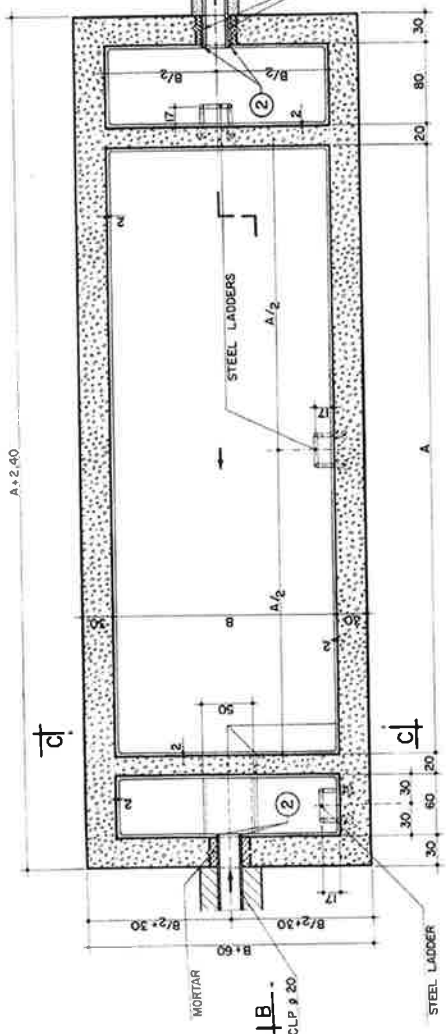
PLAN VIEW



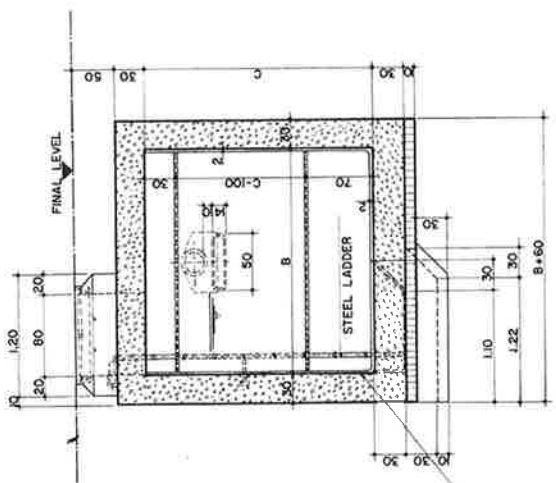
INSPECTION SHAFT



HORIZONTAL SECTION A-A



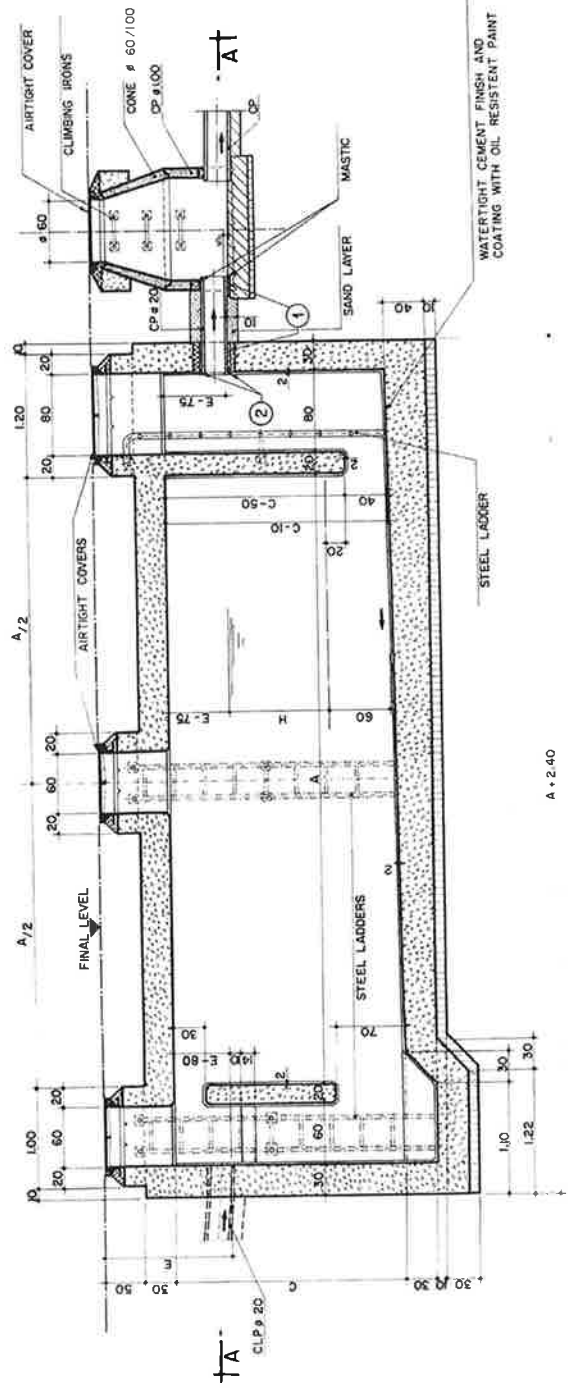
CROSS SECTION C-C



LEGEND:

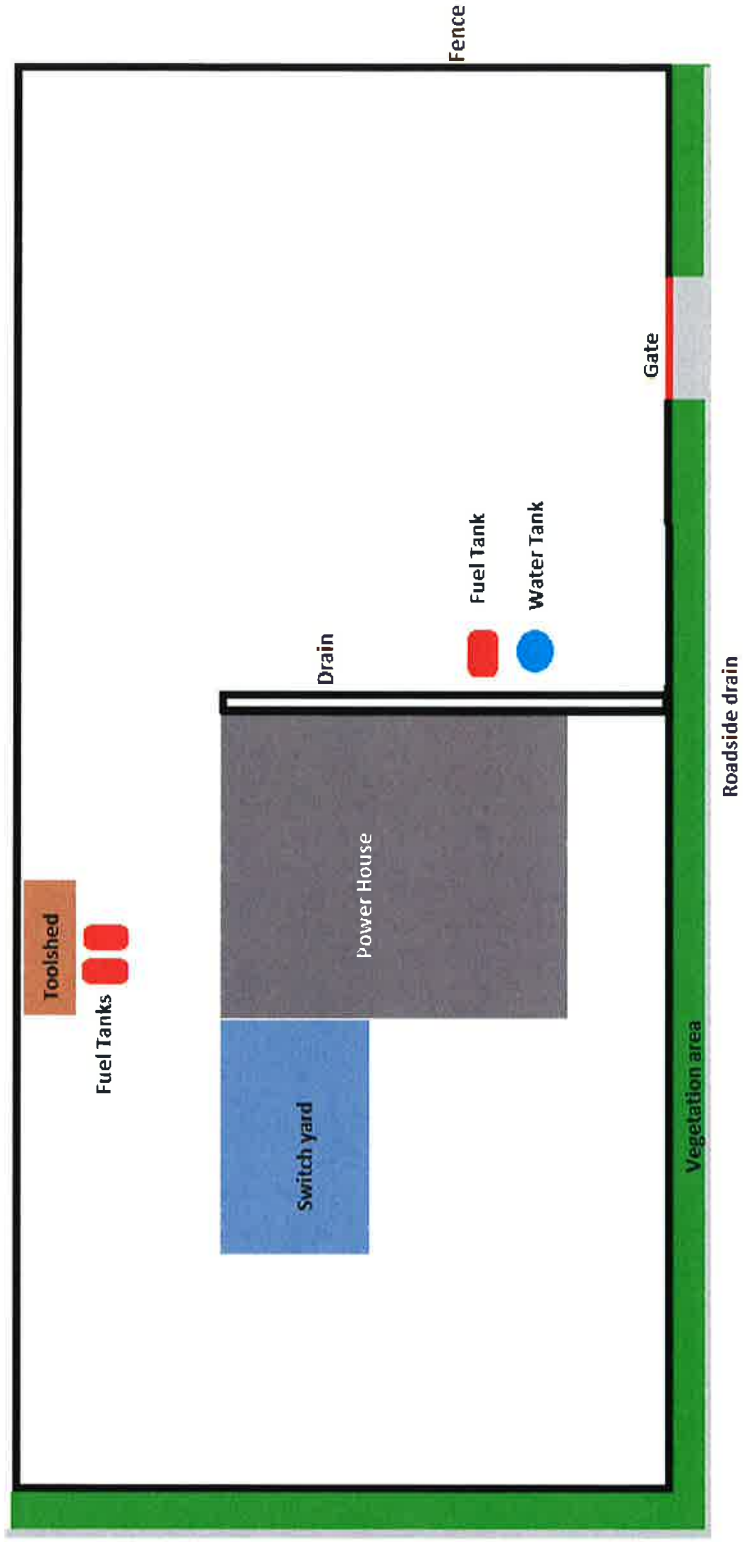
- REINFORC
- CONCRETE
- LEAN COP
- MORTAR
- CP = CONCRETE
- CLP = CLAY PIF
- ① PLASTIC
- ② OIL RES

LONGITUDINAL SECTION B-B



A+2.40

Sketch of Bialla Power House





Powerhouse towards gate



Powerhouse towards Toolshed



Front of Powerhouse



Drain Outlet from Powerhouse

Switchyard






Vegetation area inside fence close to Powerhouse





Vegetation area outside of
Powerhouse



			
<p>B. Old transformers and waste transformer oil on site</p>	<p>Storing them in safe and secure location within the vicinity of the Powerhouse</p>	<p>Testing and removal of Transformer waste through PPL HSE Team or CEPA NIP Project</p>	 

Bialla Power Station Environment Inspection – July 2019

Environmental Issues	Mitigation Measures		Pictures
	Short Term	Long Term	
A. No Oil Trap on site	Clearing of overgrown vegetation in and outside of Powerhouse. Also noted that power house has not been used since November 2018.	Installation of oil trap within powerhouse. Proposed action to be taken up by Bialla PPL Retail Management.	

<p>C. Spills and leaks in Powerhouse</p>	<p>Purchase of absorbent materials (pads, mats, pillows) for spills and leaks (HSE Sec);</p>	<p>Fuel & Oil Spills and Leaks Management Plan (Environment Sec);</p>	
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