

<i>Environmental Impact Assessment for Proposed Expansion of Aluminium Smelting Plant on Lot 36, Samalaju Industrial Park, Bintulu, Sarawak for Press Metal Bintulu Sdn. Bhd.</i>	Project No:	<i>P17004</i>
	Revision:	<i>0</i>
	Date:	<i>June 2019</i>

TOR CHECKLIST

SUMMARY OF RAISED ISSUES BY REVIEW PANEL / AGENCY DURING REVIEW PANEL MEETING TO STUDY TERMS OF REFERENCE (TOR) FOR ENVIRONMENTAL IMPACT ASSESSMENT OF EXPANSION OF ALUMINIUM SMELTING PLANT ON LOT 36, SAMALAJU INDUSTRIAL PARK, BINTULU, SARAWAK FOR PRESS METAL BINTULU SDN. BHD.

Letter Ref: JAS 600-2/6/10 (10) dated 30 January 2019

No.	Issue / Comment	Review Panel / Agency	Action	Feedback from Project Proponent / EIA Consultant
A. Issues Raised in Appendix A – Written Comments from DOE Sarawak				
1.	Item 2.2.4.6.2 stated no effluent is discharged as cooled water in cooling tower will be recycled. Therefore, in the event of worst case scenario such as cooling tower failure, leaking / overflowing of contaminated water and etc., describe the control measures to prevent the effluent from being discharged to nearby drainage without any additional treatment.	DOE Sarawak	Project Proponent / EIA Consultant	Management during worst case scenario will follow Standard Operating Procedure (SOP).
2.	Provide a copy of letter from state's approval authority for proposed project.	DOE Sarawak	Project Proponent / EIA Consultant	Approval from the Bintulu Development Authority (BDA) for proposed project are appended in Appendix K . Application for proposed project was submitted by TSL Associate Sdn. Bhd. on behalf of Press Metal via letter TSL-07495-PMB-(01)-bda dated 5 December 2018 and was approved on 1 March 2019 via letter (21)LKB/ST/B-18/10 Vol. 2.

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3.	Show the location of effluent final discharge point for Plant 3 expansion project.	DOE Sarawak	Project Proponent / EIA Consultant	Location of final discharge point is shown in Figure 5-10 - Drainage Layout .
4.	Show the location of equipment marked as 17, 18 and 19 in Figure T3-2, page TOR-8 and in Figure 2-6, page 2-14.	DOE Sarawak	Project Proponent / EIA Consultant	Locations of equipment marked as 17, 18, and 19 are shown in Figure 5-1 and Figure 5-2 .
5.	Provide description for information stated as residents at Samalaju Local Camp in Table T6-1, page TOR-14 and Table T6-2, page TOR-15. Parties responsible in the facility's development and a copy of permission / approval letter from BDA shall be appended (if applicable).	DOE Sarawak	Project Proponent / EIA Consultant	Description of Samalaju Lodge (Local Camp) is described in Chapter 6.3.1 – Existing Land Use .
6.	Provide explanation on environmental pollution prevention and control measures in Samalaju Industrial Port which houses the raw materials etc.	DOE Sarawak	Project Proponent / EIA Consultant	Pollution prevention and control measures at Samalaju Industrial Port is described in Chapter 8 – Mitigation Measures (Table 8-2 – Pollution Prevention and Mitigation Measures (P2M2) for Operational Stage)
B. Issues Raised in Appendix A – Written Comments from DOE Putrajaya				
1.	Title of TOR report shall be improved by inclusion of project proponent's name in the title.	DOE Putrajaya	Project Proponent / EIA Consultant	Title of TOR Report was updated to incorporate project proponent's name. Updated TOR Report title is: “Revised Terms of Reference for Proposed Expansion of Aluminium Smelting Plant on Lot 36, Samalaju Industrial Park, Bintulu, Sarawak for Press Metal Bintulu Sdn. Bhd.”

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2.	TOR report shall account and discuss the cumulative impact from operation of three phases of premise, especially on water quality, air quality and waste management.	DOE Putrajaya	Project Proponent / EIA Consultant	TOR Report and EIA Report discussed and incorporated cumulative impacts from Project and existing operation (Chapter 7 – Evaluation of Impacts).
3.	Health Impact Assessment (HIA) is not stated as study term in TOR report. Project proponent must review on requirement of HIA for proposed Project.	DOE Putrajaya	Project Proponent / EIA Consultant	HIA was included in the assessment and was stated as study term in Revised TOR report. In the EIA Report, HIA was described in Chapter 7.4 – Environmental Health .
4.	Project proponent must state consideration to conduct proposed groundwater monitoring for Samalaju Industrial park, and revise on proposed groundwater (tubewell) monitoring with Natural Resources and Environment Board (NREB) for this industrial park.	DOE Putrajaya	Project Proponent / EIA Consultant	Groundwater monitoring is deemed not required at Project site as the plant utilize dry process in aluminium smelting.
5.	Project proponent must update the latest land uses in Samalaju Industrial Park in maps submitted in TOR report.	DOE Putrajaya	Project Proponent / EIA Consultant	Latest land uses in Samalaju Industrial Park were updated and reflected in EIA Report Figure 6-6, Figure 6-7 and Figure 6-8 .
6.	Project proponent is proposed to conduct acid rain sampling as baseline data to obtain pH of precipitation in the area resulting from industrial pollutant emission.	DOE Putrajaya	Project Proponent / EIA Consultant	Press Metal has conducted acid rain sampling as baseline data. Acid rain sampling was incorporated in baseline environmental monitoring program as Chapter 6.6.5 - Acid Rain Monitoring .
7.	Project proponent to provide explanation on Flood Risk as stated in page 4-7 TOR report.	DOE Putrajaya	Project Proponent / EIA Consultant	Flood risk was described as part of ESI component assessment per Environmental Impact Assessment Guidelines in Malaysia (EGIM). Since the Project is not

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				at flood risk area, the section has been omitted from TOR report.
8.	Project proponent shall make correction of Figure 2-5, Figure 2-6 and other related figures as building legends used are not consistent with premise building layout.	DOE Putrajaya	Project Proponent / EIA Consultant	Layouts have been updated as shown in Figure 5-1 and Figure 5-2 .
9.	Project proponent to provide explanation of Figure T6-1 on its scale.	DOE Putrajaya	Project Proponent / EIA Consultant	For land use assessment, the distance radius from Project site is illustrated in scale relative to the Project. Therefore, the figure is considered not to scale.