



PT SKS LISTRIK KALIMANTAN

Appendix-2 – Job List

Package Name:

Welder and Fitter Activity Outage Unit - 1 2026

PT SKS Listrik Kalimantan

Desa Tumbang Kajuei, Kecamatan Rungan, Kabupaten Gunung Mas
Kalimantan Tengah 74561, Indonesia

25 Feb 2026

Revision : 0



Rev.	Date	Description	Prepared by	Checked by	Reviewed by	Approved by
0	25 Feb 2026	First Issued	Fathul Rizal A	M Sufi Z	Anton H	Subhan H

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Created By

Reviewer

**A. Location**

PT. SKS Listrik Kalimantan (“SLK”)

B. Definition

1. Project or Work : Welder and Fitter Activity Outage Unit-1 2026.
2. Owner : PT. SKS Listrik Kalimantan (“SLK”)
3. Vendor/Contractor : Party or Parties who have the contract with PT. SKS Listrik Kalimantan to provide supply Manpower, Consumables & Tools for Welder and fitter activity during Outage Unit -1.
4. Plant Location : IPP Kalteng-1 2x100MW, Desa Tumbang Kajuei, Kalimantan Tengah

C. Background

IPP Kalteng 1 (2x100 MW) started commercial operations in November 2020. To ensure the Plant healthiness during high availability season, it is proposed to carry out a thorough maintenance inspection and repair in 2025, including carrying out a comprehensive inspection turbine auxiliary, boiler and its auxiliaries, cooling tower, circulating water pump, etc. to ensure that all components are working properly as they should when entering the high availability season. This can increase the reliability and availability of the unit during the period.

D. Scope of Work by Contractor

The purpose of this Scope of Work is to define the requirements for supply of qualified and competent manpower to perform welding activities in accordance with applicable technical standard, qualify requirements, and safety regulations.

The Contractor shall provide skilled manpower to execute welding - related works, including but not limited to:

a. Welder and Fitter Activity

- a.1. Welding and Fabrication activities
- a.2. Installation and erection activities
- a.3. Repair and maintenance welding
- a.4. Piping and Structural welding

b. Scope of Quality Control (QC) and reporting by Contractor

1. Daily report including photos
2. Prepare and submit inspection report (RFI) (maximal 1 day after job finish)



3. Prepare and submit Permit to Work (PTW) & LOTO permit included every job list (1 day before job start)
4. Prepare and submit document of tools
5. Prepare and submit final inspection report document.

c. Manpower Requirement

c.1. Provide welder 6 persons that consist of

- 2 person HP welder who able to perform full GTAW stainless steel & Carbon steel (6G position)
- 1 person HP welder P91 SMAW/GTAW (6G position)
- 1 person SMAW/GTAW who able to perform Carbon Steel P group 1 (6G position)
- 1 person Welder who able to perform stainless steel below 1 inch (size-welded)
- 1 person welder plate (2G position)

c.2. Provide Fitter 6 persons that has experience for Fit-up and beveling pipe & tube

c.3. Certified HP Welder (SMAW/GTAW) and will conduct welder test by Mechanical & QC of SLK

c.4. 1 person welder supervisor that has Ability to read and interpret the drawing, isometrics, and WPS.

C.5. Proven experience in Power Plant especially for welding the water wall tube of boiler

E. Support Commissioning

The Contractor must be an enterprise engaged in the installation, inspection and commissioning of thermal power plant units, and have no less performance in the maintenance of units of the same capacity and type. For important auxiliary machinery or special equipment, the contractor shall also have the corresponding maintenance performance.

F. Temporary Facility Scope

1. Dormitory by Owner
2. Mob and de-mob manpower by Contractor
3. Mob and de-mob tools and equipment by Contractor
4. Meals (breakfast, lunch, dinner) and drinking water by Contractor
5. Local transportation for manpower, material, equipment by Contractor
6. Safety PPE of worker by Contractor
7. Site offices & rest shelter by Owner
8. Secure site - Safety Inspector facilities



G. Consumables & Tool Scope by Contractor

The Contractor shall asses list of tools of tools and consumables required to perform the welding activities. It is responsibility of Contractor to provide such tools and consumables so that the Works can be performed effectively. The Owner provide its assessment on minimum tools and consumables to be provided by the Contractor (but this list is not conclusive and does not release Contractor responsibility to provide any other tools and consumables in order to perform the work as per General and Technical Requirement and Job List).

General tools minimum requirement:

- HSE Package kit such as Fire Extinguisher, P3K, Barricade, Safety Vest, Body Harness, APD, Fall arrestor, safety google, Respirator, Etc)
- Machine & welding requirement such as blower, baby grinder, grinding machine, drill machine, jigsaw, impact, vacuum cleaner, welding machine, tig torch, welding dryer, gas regulator, hose, cable, flashback arrestor, welding glass, connector, tungsten electrode, coupler hose, etc.

Consumable minimum requirement:

Grind & cutting wheel, cup brush, ceramic argon and gas-lens, welding and any glove requirement, fire blanket, electrical tape, jerry can, marker, rubbish bag, electrode, wire scaffolding, adhesive, silicon sealant, pvc glue, cotton cloth, paper block, sand paper, pylox, brush, seal tape, threebond, cleaner/anti-corrosion, paint roller, penetrant, etc

H. Special Requirement

1. Contractor must follow HSE regulation at SKS Listrik Kalimantan (SLK) stipulated in Appendix 3.