



PT DSSP POWER SUMSEL

# Scope of Work

PR No.

<b>Plant</b>	PT DSSP Power Sumsel	<b>Department</b>	Technical
<b>Equipment Name</b>	N/A	<b>Equipment KKS Code</b>	
<b>Area</b>	Rooftop Dormitory, Admin Building, I&C Building, Warehouse & Workshop	<b>Unit</b>	

**Project Title Description**

Rooftop PV Solar Plant 404 kWp

 **New**     
 **Modification**     
 **Replace**     
 **Repair**     
 **Service PM**

No	Specific Scope of Works	Quantity	Remarks
1	Engineering but not limited to detail engineering design, engineering calculations, shop drawings, as-built drawings, O&M manuals, overall layout, and general arrangement.	1 Ls	Refer to Permen ESDM No.2 Year 2024
2	Procurement of rooftop PV main equipment compliant with SNI standards, along with all necessary accessories and connection cables, adhering to government regulations, applicable standards, and codes.		
3	Preparation of a detailed project execution schedule, submission of equipment specifications, technical data sheets, and a bill of materials (BOM) with offered makes, license and data permit.		
4	Installation of the 404 kWp PV rooftop power plant, including equipment installation, cable pulling and termination, testing, commissioning, and obtaining SLO certification.		
5	Management tasks including daily, weekly, and monthly progress reports, project schedule maintenance, execution planning, administration, material delivery coordination, manpower allocation, and HSE implementation.		
6	Assistance in liaising with government departments for MEMR approval of the SLD and obtaining the safety certificate post-installation.		
7	Ensuring the generated electricity is connected to auxiliary systems and not sent to the PLN grid, in compliance with relevant regulations and standards.		

No	Common Scope of Works	Job Description		Remarks
1	General Requirement, Safety, and Work Environment Concerns	Transportation, contractor (temporary) office, accommodation, meals, drink	✓	
2		Mobilization and demobilization of manpower, tools, material and equipment	✓	
3		Quality Control but not limited to Factory Acceptance Test, Site Acceptance Test, Inspection Test Plan, Inspection Form, etc	✓	
4		Inspection Test Plan, Inspection Form, etc	✓	
5		All risks associated with the contractor's employees, including injury, sickness, and death, will be 100% the contractor's responsibility	✓	
6		The contractor must follow HSE regulations at DSSP	✓	
7		All contractor workers or employees must be insured according to government regulations (minimum BPJS Ketenagakerjaan)	✓	
8		The contractor will clean the working area daily after work and upon completion of all work	✓	
9		The contractor must complete the project as per the agreed schedule, including arranging overtime without additional cost to DSSP	✓	
10		Site inspection	✓	Join inspection with DSSP
11		For main equipment and accessories, the contractor shall submit the proposal to DSSP for approval prior to delivery to the Site. All the supporting documents such as product certificated, etc shall be attached along with the proposal	✓	
12		The PV power plant will be installed on the rooftops of the admin building, dormitory, I&C building, workshop, and warehouse	✓	
13	Project Schedule and Completion	Complete installation and commissioning must be done within (3) three months after the Notice to Proceed (NTP)	✓	
14		Site inspection and kick-off meeting one week after the Notice to Proceed is issued by DSSP	✓	
15		Periodic work coordination and meetings	✓	Regular basis meeting with DSSP
16		In the event of a Force Majeure condition, the contractor shall not be entitled to lodge complaints or seek penalties from DSSP if the project is affected and consequently held or discontinued by DSSP.	✓	
17	Consumables, Spare Parts, and Tools	The contractor should provide all materials, including spare parts and consumables for the project	✓	The Contractor shall ensure such goods and tools are available and adequate during the project.
18		The Contractor shall provide and prepare all necessary tools (general and special tools) for the project.	✓	
19		Ensuring safe permanent ladder access to the site as per safety requirement during construction	✓	
20		Compressed air sources	✓	
21		Water resources	✓	
22		Electrical resources	✓	
23	Manpower	The Contractor shall submit the manpower planning and loading one week after the project Kick-off Meeting and shall include but not be limited to the project manager, engineer, supervisor, technician, safety office, helper, etc.	✓	The Contractor shall ensure such allocation of manpower are sufficient to complete the works as per the approved schedule.
24	Guarantees and Responsibility	The contractor guarantees the services will be performed by professionals and experienced supervisors and manpower	✓	DSSP can request the certification of such persons, especially for HSE.
25		DSSP will accept the project once the unit works properly and satisfies normal and stable operation according to the scope of work	✓	
26		The contractor must respond to DSSP within 24 hours if there are any abnormalities or problems during construction or commissioning	✓	
27		Two-year warranty for installation	✓	
28		Operation Worthiness Certificate ("SLO")	✓	
29	Inspection and Documentation	Compilation of inspection and testing records	✓	(3) set of hardcopy and (1) set of softcopy
30		Join inspection report	✓	
31		Performance test report	✓	
32	Asset Management	Monitoring of Plant Performance & Power Generation	✓	Free as 2 year warranty
33		Routine maintenance of the plant and equipment's	✓	
34		Emergency breakdown maintenance	✓	
35		Water and Auxiliary Power required for maintenance, at no charge	✓	
36		Cleaning of Modules	✓	
37		Coordination with manufacturers for warranty support and breakdown maintenance	✓	

REMARKS

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Vendor Scope

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Not Vendor Scope (DSSP)

	Position	Name	Signature	Date
Proposed By	Operation Support Assistant	Msy Cahaya Dinda P		12/06/2024
Reviewed By	Technical Engineer	Agus Holel		12/06/24
	Technical Division Head	Erwin Yuliandri		12/06/2024