

AMENDMENT No. 2

KAWATUNA LANDFILL - KOTA PALU - CENTRAL SULAWESI

BOQ NOTES

Revision on 27 September 2021

No.	Description Item on BOQ	Unit	Note
STRUCTURE, ARCHITECTURE AND LANDSCAPE WORKS			
1	Waste Removal	m3	Include the collection, transport and dispose to maximum of 300 m distance. The waste is loosen household waste/municipal waste surrounding cell-3 and other areas within the landfill that are necessary to be removed.
STRUCTURE, ARCHITECTURE AND LANDSCAPE WORKS			
1	Pump House	Ls	Include solar cell frame on dwg. KW-PL-0714
2	Sealent	m	Using asphaltic plug joint ex. Expanseal 125
3	Structural Steel Works, such as L Shape Steel, Rafter, Steel Column, Steel Beam	kg	Include zincromate coating and any necessary structural joint that not specify on BQ
4	Brick Walls	m2	Using Half Brick with 1:4 composition portland cement and sand
5	List inside Plafond + Terrace	m	Using shadow line material
6	Cladding	m2	Using zincalume 0.4mm and truss C75 as frame
7	Sanitary Works	unit	Using local material ex. INA, Renovo and equal
8	Gate 1.2 x 2.4 m	pcs	Using manual sluice made from metal material
9	GCL	m2	Using Tencate Polyfelt Enviromat 4000 GCL Material
10	Wetland Plants (Akar Wangi/Cattail/Bulrush/Papyrus/Typhaa)	pcs	Not include maintenance for months after project
11	Japanese Arrow Bamboo (Pseudosasa japonica) planting	pcs	Not include maintenance for months after project
12	Manohara tree planting	pcs	Not include maintenance for months after project
MECHANICAL, ELECTRICAL AND PLUMBING WORKS			
1	HDPE Perforated	m	Using Pipe HDPE Class PN 16
2	Sumpit pump (Flow 2 l/s, Head 20 m, Centrifugal	Unit	Include solar panel
3	Water supply pump (Flow 1 l/s, Head 15 m)	Unit	Include solar panel
4	Indoor Split Type 1 PK (Indoor + Outdoor Unit)	Unit	Include refrigerant pipe, control cable and bracket
5	Water supply points	ttk	Installation piping/branch to water supply point
6	Waste water points	ttk	Installation piping/branch to waste water point
7	Grey water points	ttk	Installation piping/branch to grey water point
8	Grounding	Ls	Include box panel
9	1 set solar energy street light 100 Watt	set	Include street light post
10	Test Commisioning	Ls	Include permission fee to related institute

KABONGA LANDFILL - DONGGALA DISTRICT - CENTRAL SULAWESI

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