

Tanjung Jati B Expansion (Iwaja-4) Coal Fired Steam Power Plant 2 x 1,000 MW
Initial Spare Part List

Item No.	Equipment Name	Description of Spare Items	Supplier's Name	Qty per Unit (in pcs)	Current Unit Price		Total Amount		Lead Time for Delivery		Sketch	Cross Reference Drawing	Expected Frequency of Replacement	Remarks
					USD	Included	USD	Included	Month	Included				
TIB5-15-1&C-DCS-001	DCS	ACS POWER SUPPLY	COSELL	2	Included	Included	Included	Included	Included	Included	TIB56-LL-OFF-C00-HST-5682	TIB56-LL-OFF-C-00-H-MAN-5262	10 years	Common for Unit 5 and Unit 6.
TIB5-15-1&C-DCS-002	DCS	CPU MODULE	TOSHIBA	1	Included	Included	Included	Included	Included	Included	TIB56-LL-OFF-C00-HST-5682	TIB56-LL-OFF-C-00-H-MAN-5262	10 years	Common for Unit 5 and Unit 6.
TIB5-15-1&C-DCS-003	DCS	COMMUNICATION MODULE (MODBUS INTERFACE)	TOSHIBA	1	Included	Included	Included	Included	Included	Included	TIB56-LL-OFF-C00-HST-5682	TIB56-LL-OFF-C-00-H-MAN-5262	10 years	Common for Unit 5 and Unit 6.
TIB5-15-1&C-DCS-004	DCS	COMMUNICATION MODULE (SOF INTERFACE)	TOSHIBA	1	Included	Included	Included	Included	Included	Included	TIB56-LL-OFF-C00-HST-5682	TIB56-LL-OFF-C-00-H-MAN-5262	10 years	Common for Unit 5 and Unit 6.
TIB5-15-1&C-DCS-005	DCS	AI MODULE	TOSHIBA	1	Included	Included	Included	Included	Included	Included	TIB56-LL-OFF-C00-HST-5682	TIB56-LL-OFF-C-00-H-MAN-5262	10 years	Common for Unit 5 and Unit 6.
TIB5-15-1&C-DCS-006	DCS	AO MODULE	TOSHIBA	1	Included	Included	Included	Included	Included	Included	TIB56-LL-OFF-C00-HST-5682	TIB56-LL-OFF-C-00-H-MAN-5262	10 years	Common for Unit 5 and Unit 6.
TIB5-15-1&C-DCS-007	DCS	DI MODULE	TOSHIBA	1	Included	Included	Included	Included	Included	Included	TIB56-LL-OFF-C00-HST-5682	TIB56-LL-OFF-C-00-H-MAN-5262	10 years	Common for Unit 5 and Unit 6.
TIB5-15-1&C-DCS-008	DCS	DI SOE MODULE	TOSHIBA	1	Included	Included	Included	Included	Included	Included	TIB56-LL-OFF-C00-HST-5682	TIB56-LL-OFF-C-00-H-MAN-5262	10 years	Common for Unit 5 and Unit 6.
TIB5-15-1&C-DCS-009	DCS	DO MODULE	TOSHIBA	1	Included	Included	Included	Included	Included	Included	TIB56-LL-OFF-C00-HST-5682	TIB56-LL-OFF-C-00-H-MAN-5262	10 years	Common for Unit 5 and Unit 6.
TIB5-15-1&C-DCS-010	DCS	TC MODULE	TOSHIBA	1	Included	Included	Included	Included	Included	Included	TIB56-LL-OFF-C00-HST-5682	TIB56-LL-OFF-C-00-H-MAN-5262	10 years	Common for Unit 5 and Unit 6.
TIB5-15-1&C-DCS-011	DCS	RTD MODULE	TOSHIBA	1	Included	Included	Included	Included	Included	Included	TIB56-LL-OFF-C00-HST-5682	TIB56-LL-OFF-C-00-H-MAN-5262	10 years	Common for Unit 5 and Unit 6.
TIB5-15-1&C-DCS-012	DCS	PI MODULE	TOSHIBA	1	Included	Included	Included	Included	Included	Included	TIB56-LL-OFF-C00-HST-5682	TIB56-LL-OFF-C-00-H-MAN-5262	10 years	Common for Unit 5 and Unit 6.
TIB5-15-1&C-DCS-013	DCS	TERMINAL BLOCK- ANALOG	TOSHIBA	1	Included	Included	Included	Included	Included	Included	TIB56-LL-OFF-C00-HST-5682	TIB56-LL-OFF-C-00-H-MAN-5262	10 years	Common for Unit 5 and Unit 6.
TIB5-15-1&C-DCS-014	DCS	TERMINAL BLOCK- ANALOG	TOSHIBA	1	Included	Included	Included	Included	Included	Included	TIB56-LL-OFF-C00-HST-5682	TIB56-LL-OFF-C-00-H-MAN-5262	10 years	Common for Unit 5 and Unit 6.
TIB5-15-1&C-DCS-015	DCS	TERMINAL BLOCK- DIGITAL	TOSHIBA	1	Included	Included	Included	Included	Included	Included	TIB56-LL-OFF-C00-HST-5682	TIB56-LL-OFF-C-00-H-MAN-5262	10 years	Common for Unit 5 and Unit 6.
TIB5-15-1&C-DCS-016	DCS	TERMINAL BLOCK- DIGITAL	TOSHIBA	1	Included	Included	Included	Included	Included	Included	TIB56-LL-OFF-C00-HST-5682	TIB56-LL-OFF-C-00-H-MAN-5262	10 years	Common for Unit 5 and Unit 6.
TIB5-15-1&C-DCS-017	DCS	TERMINAL BLOCK- DIGITAL	TOSHIBA	1	Included	Included	Included	Included	Included	Included	TIB56-LL-OFF-C00-HST-5682	TIB56-LL-OFF-C-00-H-MAN-5262	10 years	Common for Unit 5 and Unit 6.
TIB5-15-1&C-DCS-018	DCS	TERMINAL BLOCK- DIGITAL	TOSHIBA	1	Included	Included	Included	Included	Included	Included	TIB56-LL-OFF-C00-HST-5682	TIB56-LL-OFF-C-00-H-MAN-5262	10 years	Common for Unit 5 and Unit 6.
TIB5-15-1&C-DCS-019	DCS	BREAKER- 6 A	PHOENIX	2	Included	Included	Included	Included	Included	Included	TIB56-LL-OFF-C00-HST-5682	TIB56-LL-OFF-C-00-H-MAN-5262	10 years	Common for Unit 5 and Unit 6.
TIB5-15-1&C-DCS-020	DCS	BREAKER-10A	FUJI ELECTRIC	2	Included	Included	Included	Included	Included	Included	TIB56-LL-OFF-C00-HST-5682	TIB56-LL-OFF-C-00-H-MAN-5262	10 years	Common for Unit 5 and Unit 6.
TIB5-15-1&C-DCS-021	DCS	RELAY	OMRON	5	Included	Included	Included	Included	Included	Included	TIB56-LL-OFF-C00-HST-5682	TIB56-LL-OFF-C-00-H-MAN-5262	10 years	Common for Unit 5 and Unit 6.
TIB5-15-1&C-DCS-022	DCS	RELAY	OMRON	5	Included	Included	Included	Included	Included	Included	TIB56-LL-OFF-C00-HST-5682	TIB56-LL-OFF-C-00-H-MAN-5262	10 years	Common for Unit 5 and Unit 6.
TIB5-15-1&C-DCS-023	DCS	RELAY	OMRON	5	Included	Included	Included	Included	Included	Included	TIB56-LL-OFF-C00-HST-5682	TIB56-LL-OFF-C-00-H-MAN-5262	10 years	Common for Unit 5 and Unit 6.
TIB5-15-1&C-DCS-024	DCS	FUSE-1A	LITTELFUSE	10	Included	Included	Included	Included	Included	Included	TIB56-LL-OFF-C00-HST-5682	TIB56-LL-OFF-C-00-H-MAN-5262	10 years	Common for Unit 5 and Unit 6.
TIB5-15-1&C-DCS-025	DCS	FUSE-5A	LITTELFUSE	50	Included	Included	Included	Included	Included	Included	TIB56-LL-OFF-C00-HST-5682	TIB56-LL-OFF-C-00-H-MAN-5262	10 years	Common for Unit 5 and Unit 6.
TIB5-15-1&C-DCS-026	DCS	OPS	DELL	1	Included	Included	Included	Included	Included	Included	TIB56-LL-OFF-C00-HST-5682	TIB56-LL-OFF-C-00-H-MAN-5262	10 years	Common for Unit 5 and Unit 6.
TIB5-15-1&C-DCS-027	DCS	IES	DELL	1	Included	Included	Included	Included	Included	Included	TIB56-LL-OFF-C00-HST-5682	TIB56-LL-OFF-C-00-H-MAN-5262	10 years	Common for Unit 5 and Unit 6.
TIB5-15-1&C-DCS-028	DCS	SVS	DELL	1	Included	Included	Included	Included	Included	Included	TIB56-LL-OFF-C00-HST-5682	TIB56-LL-OFF-C-00-H-MAN-5262	10 years	Common for Unit 5 and Unit 6.
TIB5-15-1&C-DCS-029	DCS	MONITOR-24"	DELL	1	Included	Included	Included	Included	Included	Included	TIB56-LL-OFF-C00-HST-5682	TIB56-LL-OFF-C-00-H-MAN-5262	10 years	Common for Unit 5 and Unit 6.
TIB5-15-1&C-DCS-030	DCS	DVD	Mitsubishi	30	Included	Included	Included	Included	Included	Included	TIB56-LL-OFF-C00-HST-5682	TIB56-LL-OFF-C-00-H-MAN-5262	10 years	Common for Unit 5 and Unit 6.
TIB5-15-1&C-DCS-031	DCS	HDD-2TB	Emulex Supplier under HP	6	Included	Included	Included	Included	Included	Included	TIB56-LL-OFF-C00-HST-5682	TIB56-LL-OFF-C-00-H-MAN-5262	10 years	Common for Unit 5 and Unit 6.
TIB5-15-1&C-DCS-032	DCS	HUB-48 PORT	HP	1	Included	Included	Included	Included	Included	Included	TIB56-LL-OFF-C00-HST-5682	TIB56-LL-OFF-C-00-H-MAN-5262	10 years	Common for Unit 5 and Unit 6.
TIB5-15-1&C-DCS-033	DCS	TONER (B)	HP	10	Included	Included	Included	Included	Included	Included	TIB56-LL-OFF-C00-HST-5682	TIB56-LL-OFF-C-00-H-MAN-5262	as per use	Common for Unit 5 and Unit 6.
TIB5-15-1&C-DCS-034	DCS	TONER (C)	HP	10	Included	Included	Included	Included	Included	Included	TIB56-LL-OFF-C00-HST-5682	TIB56-LL-OFF-C-00-H-MAN-5262	as per use	Common for Unit 5 and Unit 6.
TIB5-15-1&C-DCS-035	DCS	TONER (Y)	HP	10	Included	Included	Included	Included	Included	Included	TIB56-LL-OFF-C00-HST-5682	TIB56-LL-OFF-C-00-H-MAN-5262	as per use	Common for Unit 5 and Unit 6.
TIB5-15-1&C-DCS-036	DCS	TONER (M)	HP	10	Included	Included	Included	Included	Included	Included	TIB56-LL-OFF-C00-HST-5682	TIB56-LL-OFF-C-00-H-MAN-5262	as per use	Common for Unit 5 and Unit 6.