



Blank Price Bid Boiler & Aux. "Part B"

Equipment/area	Job No	Job Description	UOM	1st Year			2nd Year			3rd Year		
				Quantity	Rate/Unit	Amount	Quantity	Rate/Unit	Amount	Quantity	Rate/Unit	Amount
SOOT BLOWER	1	PM OF WALL BLOWER (MONTHLY CHECKS)	Nos	1960			1960			1960		
	2	PM OF WALL BLOWER (6 MONTHLY CHECKS)	Nos	392			392			392		
	3	PM OF LRSBS (MONTHLY CHECKS)	Nos	880			880			880		
	4	PM OF LRSBS (6 MONTHLY CHECKS)	Nos	88			88			88		
	5	PM OF LRSBS (12 MONTHLY CHECKS)	Nos	88			88			88		
	6	SERVICING OF WALL BLOWER /LRSB	Nos	8			12			12		
	7	SERVICING OF SOOT BLOWER GEARBOX	Nos	4			4			4		
	8	SERVICING OF POPPET VALVE/AIR SCAVENGING VALVE	Nos	20			20			20		
	9	REPLACEMENT OF LANCE TUBE/FEED TUBE	Nos	2			2			3		
	10	SOOT BLOWER ASSISTANCE FOR OPERATION	Days	730			730			730		
	11	PRESSURE SETTING OF SOOT BLOWERS POPPET VALVE	Nos	20			284			284		
	12	MANUAL RETRACTING OF STUCKUP LRSB	Nos	10			8			8		
OIL GUNS & OIL SYSTEM	13	PM OF OIL GUN	Nos	200			200			200		
	14	OIL GUN CLEANING	Nos	640			640			640		
	15	ATTENDING MINOR OIL GUN DEFECTS/UNION LEAKAGE	Nos	100			150			150		
	16	LDO HFO STRAINER CLEANING/REPLACEMENT	Nos	120			120			120		
	17	REPLACEMENT OF OIL/AIR/STEAM FLEXIBLE HOSES	Nos	25			30			30		
BOILER - PRESSURE PARTS	18	ATTENDING BOILER TUBE LEAKAGE	LS	25			16			12		
	19	FIN CUTTING & WELDING(INCLUDES INSULATION PIN WELDING, BUCKSTAY CUTTING /WEDLING IF REQUIRED)	RM	350			160			120		
	20	APPLICATION OF REFRACTORY	MT	1			1			1		
	21	SKY CLIMBER INSTALLATION & REMOVAL	Nos	20			12			9		
	22	SKY CLIMBER OPERATION/MAINT.	Nos	60			36			27		
	23	WATER WASHING AT BUTTERFLY AREA/REAR ARCH/GOOSENECK/2ND PASS	Nos	0			2			2		
	24	CHECKING DURING HYDRO TEST	Nos	1			2			2		
	25	ATT CHECKING & PUNCH POINTS ATTENDING - PENTHOUSE, DUCT, APH	Nos	2			2			2		

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BOILER	26	BOILER INTERNAL INSPECTION & RECTIFICATION DURING SHUTDOWN	Nos	6			6			6		
	27	ATTENDING HP WELDING JOINTS	Nos	400			250			200		
	28	CLEANING ASH IN PENTHOUSE	MT	5			5			5		
INSULATION	29	BOILER/DUCT/PIPE INSULATION & CLADDING REPAIR	Sq. mtr	400			400			400		
	30	CLADDING SHEET INSTALLATION/REPAIR	Sq. mtr	100			100			100		
SAFTEY VALVE	31	SPRING LOADED SAFETY VALVE PRESSURE ADJUSTMENT	Nos	16			4			4		
	32	SOOT BLOWER/AUX BOILER SAFETY VALVE SERVICING	Nos	1			2			2		
	33	BOILER SAFETY VALVE & ERV SERVICING	Nos	6			4			4		
	34	ASSISSTANCE IN SAFETY VALVE TREVI TEST	Nos	0			44			44		
VALVES(GATE/GLOBE/PLUG/BALL),(MOT., PNEUMATIC, HYDRAULIC,MIV, STEAM TAP,NRV, CONTROL VALVE)	35	VALVE REPLACEMENT (SIZE <=2")	Nos	30			30			30		
	36	VALVE REPLACEMENT (SIZE >2")	Nos	10			5			5		
	37	VALVE SERVICING (SIZE<=2")	Nos	40			30			30		
	38	VALVE SERVICING, SIZE>2"	Nos	15			10			10		
	39	VALVE SERVICING, SIZE>8"	Nos	2			2			2		
	40	ASSISTANCE FOR ONLINE SEALING	Nos	24			24			24		
	41	SERVICING OF SPRAY VALVES(BLOCK VALVE,CONTROL VALVE)	Nos	10			5			5		
	42	FLANGE GASKET REPLACEMENT	Nos	250			200			200		
	43	FLANGE GASKET TIGHTENING	Nos	30			50			50		
	44	GLAND PACKING REPLACEMENT	Nos	50			50			50		
	45	VALVE GLAND TIGHTENING	Nos	100			100			100		
	46	ACTUATOR DECOUPLING/REMOVAL	Nos	50			50			50		
	47	HYDRAULIC/PNEUMATOC ACTUATOR SERVICING	Nos	2			1			1		
	48	VALVE CALIBRATION/LIMIT SETTING	Nos	10			10			10		
49	VALVES PM	Nos	8			8			8			
BCP	50	BCP STRAINER CLEANING	Nos	2			2			2		
COAL BURNER NOZZLE & TIPS/WINDBOX/BURNER TILT/SADC	51	REPAIR & HARDFACING OF COAL NOZZLE	Nos	0			28			28		
	52	REPAIR & HARDFACING OF COAL/AIR BURNER TIPS	Nos	0			28			28		
	53	SERVICING OF POWER CYLINDER	Nos	2			2			2		
	54	BURNER TILT LINKAGE MECHANISM SERVICING	Nos	4			4			4		
	55	REPLACEMENT OF BURNER TILT SHEAR PIN	Nos	8			8			8		
	56	WIND BOX INTERNAL INSPECTION, SADC SERVICING	Nos	4			2			2		
	57	SADC FREENESS ONLINE - SERVICING /MECHANICAL JAM CLEARING	Nos	40			50			50		

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MANHOLE DOORS/PEEPHOLE DOORS	58	MANHOLE DOOR ROPE REPLACEMENT	Nos	75			60			60		
LOAD HANGERS/ SUPPORT HANGER/RESTRAINTS	59	HANGER TIE ROD / SUPPORT RECTIFICATION	Nos	10			5			5		
	60	HANGER COLD/HOT MEASUREMENT READING	Nos	2			2			2		
FOPH	61	PM OF HFO/LDO/DRAIN OIL PUMP(3 MONTHLY)	Nos	80			80			80		
	62	HFO/LDO/DRAIN PUMP OH/SERVICING	Nos	6			6			6		
AUX BOILER	63	AUX BOILER BFP/BOOSTER PUMP PM (4 MONTHLY)	Nos	6			6			6		
	64	FD FAN PM (4 MONTHLY)	Nos	6			6			6		
DRAIN FLASH TANK	65	FLASH TANK DRAIN TANK CONDENSATE PUMP PM(BI - MONTHLY)	Nos	12			12			12		
APH LUBE OIL SYSTEM	66	SERVICING & REPLACEMENT OF LUBE OIL PUMPS	NOS	16			4			4		
	67	SERVICING OF LUBE OIL COOLER	NOS	2			1			1		
	68	REPLACEMENT OF LOP COUPLING/COUPLING SPIDER	NOS	30			4			4		
	69	APH & APH LOS PM (MONTHLY)	NOS	48			48			48		
	70	GUIDE/SUPPORT BEARING, GEARBOX OIL REPLACEMENT	NOS	8			4			4		
APH PROPER	71	REPLACEMENT OF OVER RUNNING CLUTCH	NOS	1			1			1		
	72	SERVICING & REPLACEMENT OF FLUID COUPLING	NOS	4			4			4		
	73	FUSIBLE PLUG REPLACEMENT & OIL FILLING OF FLUID COUPLING	NOS	4			2			2		
	74	SERVICING OF AIR MOTOR	NOS	6			2			2		
	75	REPLACEMENT OF AIR MOTOR	NOS	0			1			1		
	76	SERVICING OF MIST LUBRICATOR	NOS	4			1			1		
	77	ALIGNMENT OF MAIN MOTOR/AIR MOTOR	NOS	1			2			2		
	78	APH MANHOLES OPENING AND CLOSING & INSPECTION	NOS	16			16			16		
	79	RADIAL SEAL REPLACEMENT/SETTING	NOS	96			48			48		
	80	SECTOR PLATE LEVELLING CHECKING & ALIGNMENT	NOS	4			1			1		
	81	AIR SEAL ASSY. LEAKAGE ATTENDING	NOS	4			1			1		
	82	SECTOR PLATES TIE RODS GLAND ROPE REPLACEMENT	NOS	4			2			2		
	83	RACK PINION ARRANGEMENT INSPECTION	NOS	0			2			2		
DAMPER & GATES	84	DAMPER/GATE INSPECTION & DEFECT ATTENDING	NOS	100			60			60		

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				Quantity	Rate/Unit	Amount	Quantity	Rate/Unit	Amount	Quantity	Rate/Unit	Amount
ESP I/L TO CHIMNEY I/L DUCT	85	ASH CLEANING	MT	10			15			15		
SCANNER FAN	86	SCANNER AIR FAN FILTER CLEANING	NOS	32			32			32		
	87	SCANNER AIR FAN INSPECTION & PM	NOS	32			32			32		
	88	SCANNER FAN SUCTION/DISCHARGE FLAP VALVE SERVICING	NOS	4			4			4		
DAMPER SEALING FANS	89	DAMPER SEALING FANS DEFECTS	NOS	24			24			24		
FD/ID/PA FANS	90	PM OF FD/ID/PA FAN	NOS	72			72			72		
	91	FAN CASING LIFTING FOR BLADES INSPECTION & CLEANING,INTERNAL OIL LEAKAGES ATTENDING,FD/ID/PA FAN	NOS	12			6			6		
	92	INSPECTION & CLEANING OF SILENCER,SUCTION & DIFFUSER DUCTS,FD/ID/PA FAN	NOS	12			0			0		
	93	REPLACEMENT/REPAIRING OF RUBBER EXPANSION JOINT IN SUCTION/DIFFUSER SIDE,FD/PA/ID	NOS	6			6			6		
	94	OVERHAULING OF MAIN BEARING ASSY. ,FD/PA/ID FAN	NOS	0			3			3		
	95	SEALING AND COOLING FAN SERVICING,ID FAN	NOS	6			6			6		
	96	ALIGNMENT OF FAN WITH MOTOR,FD/PA/ID FAN	NOS	4			1			1		
	97	REPLACEMENT OF SERVOMOTOR IN FAN ROTOR,FD/ID/PA FAN	NOS	4			6			6		
	98	SERVOMOTOR INSITU INSPECTION,COUPLING REPAIR,LINK RODS TO ACTUATOR SERVICING,FD/ID/PA FAN	NOS	12			12			12		
	99	SERVO MOTOR SERVICING,FD/ID/PA FAN	NOS	4			3			3		
LUBE OIL SYSTEM	100	SERVICING OF THE LUBE OIL PUMPS,FD/ID/PA FAN	NOS	3			6			6		
	101	LUBE OIL PUMP COUPLING / SPIDER REPLACEMENT	NOS	3			6			6		
	102	INSPECTION/REPLACEMENT OF LUB. OIL PUMP,FD/ID/PA FAN	NOS	24			12			12		
	103	CHECKING & REPLACEMENT OF OIL HOSE,FD/ID/PA FAN	NOS	12			6			6		
	104	LUBE OIL SKID OIL LEAKS ARRESTING,FD/ID/PA FAN	NOS	24			24			24		
	105	REPLACEMENT/SETTING/SERVICING OF VALVE,FD/ID/PA FAN	NOS	20			20			20		
	106	PM OF SEAL AIR FAN(BI MONTHLY)	NOS	24			24			24		

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SEAL AIR FAN	107	SEAL AIR FAN COUPLING REPLACEMENT	NOS	0			1			1		
	108	SEAL AIR FAN ALIGNMENT	NOS	1			1			1		
	109	SEAL AIR FAN BEARING INSPECTION/REPLACEMENT,CLEARANCE CHECKS,DPT ETC	NOS	1			1			1		
	110	SERVICING OF SEAL AIR FAN SUCTION STRAINER	NOS	4			2			2		
	111	SEAL AIR FAN CASING/DAMPER LEAKS ARRESTING	NOS	4			4			4		
	112	OIL SEAL/LABYRINTH SEAL REPLACEMENT/INSPECTION OF DE/NDE BEARING OF SA FAN	NOS	2			2			2		
	113	COMPLETE OIL REPLACEMENT IN DE & NDE BEARINGS OF SA FAN	NOS	4			1			1		
COAL MILL	114	PM OF COAL MILL	NOS	112			112			112		
	115	REPLACEMENT OF GRINDING ROLL AND BULL RING SEGMENT	SET	2			7			5		
	116	REPLACEMENT OF JOURNAL ASSEMBLY DUE TO BEARING FAILURE/OIL SEAL DAMAGE	NOS	2			3			2		
	117	REPLACEMENT OF BULL RING SEGMENT	NOS	2			1			1		
	118	SERVICING OF JOURNAL ASSEMBLY.	NOS	8			21			15		
	119	GREASING IN TRUNION SHAFT AND BUSH DURING RUNNING CONDITION	NOS	56			56			56		
	120	REPAIRING OF JOURNAL HEAD LINER	NOS	56			56			56		
	121	REPLACEMENT OF JOURNAL HEAD LINER	NOS	15			15			15		
	122	REPLACEMENT OF INTERNAL PARTS OF SPRING ASSEMBLY	NOS	0			2			2		
	123	REPAIRING / REPLACEMENT OF SCRAPPER ASSEMBLY	NOS	28			28			28		
	124	REPAIRING OF BOWL HUB INSULATION LINER	NOS	14			5			5		
	125	REPAIRING OF AIR RESTRICTION RING SEGMENT	NOS	28			14			0		
	126	INSPECTION OF MILL DUE TO ANY ABNORMALITY (ABNORMAL SOUND/ ABNORMAL CURRENT/HIGH MILL REJECT)	NOS	48			48			48		
	127	REPLACEMNT OF GLAND ROPE OF GEARBOX	NOS	14			14			14		
	128	REPLACEMENT/REPAIRING OF PLATE VALVES OF PYRITE HOPPER	NOS	14			14			14		
	129	REPALCEMENT OF VANEWHEEL ASSEMBLY	NOS	0			7			7		

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	130	REPAIRING OF DEFLECTOR LINERS	Sq. mtr	50			25			25		
	131	REPLACEMENT OF DEFLECTOR LINERS	NOS	0			7			7		
	132	REPLACEMENT OF INNERCONE,INVERTED CONE,SUPPORT PIPE.	NOS	0			4			5		
	133	ALLIGNMENT OF MOTOR WITH GEARBOX	NOS	14			14			14		
	134	CLEANING OF ORIFICE OF GEARBOX	NOS	14			0			0		
	135	REPLACEMENT OF COUPLING	NOS	0			1			1		
	136	REPAIRING OF CLASSIFIER VANES	NOS	14			14			14		
	137	REPLACEMENT OF GLAND ROPE REPLACEMENT OF MDV	NOS	60			60			60		
	138	REPLACEMENT OF FEEDER O/L CHUTE	NOS	0			3			7		
	139	ROTATION OF FEEDER O/L CHUTE	NOS	3			7			3		
	140	REPLACEMENT OF TRANSITION PIECE	NOS	0			3			7		
	141	ROTATION OF TRANSITION PIECE	NOS	3			7			3		
	142	REPLACEMENT OF HAD GLAND PACKING	PER MILL	14			14			14		
	143	REPLACEMENT OF CAD GLAND PACKING	PER MILL	14			14			14		
	144	COAL MILL EXTERNAL CLEANING (COAL SPILLAGE)	NOS	56			56			56		
	145	ASSISTACE TO C&I IN THEIR DEFECTS	NOS	42			42			42		
146	MILL CHOKE UP CLEARING	NOS	96			96			96			
COAL MILL LUBE OIL SYSTEM	147	LUBE OIL PUMP COUPLING/ COUPLING SPIDER/BEARING/OIL SEAL REPLACEMENT	NOS	28			28			28		
	148	REPLACEMNT OF LUBE OIL PUMP	NOS	2			2			2		
	149	SERVICING OF LUBE OIL PUMP	NOS	2			2			2		
	150	SERVICING OF LUBE OIL COOLER	NOS	4			6			6		
	151	REPLACEMENT OF FLEXIBLE HOSE	NOS	3			3			3		
	152	REPLACEMENT/SETTING/SERVICING OF VALVE	NOS	14			10			10		
	153	OIL REPLACEMENT AND TANK CLEANING	NOS	0			1			1		
	154	PM OF COAL FEEDER	NOS	112			112			112		
	155	BELT REPLACEMENT	NOS	7			7			7		
	156	HEAD PULLEY REPLACEMENT	NOS	2			4			3		
	157	TAKE UP PULLEY REPLACEMENT	NOS	3			4			3		
	158	HEAD PULLEY,TAKE UP PULLEY,COC,IDLER DE AND NDE BEARING REPLACEMENT	NOS	50			50			50		
	159	IDLERS REPLACEMENT	NOS	42			42			42		
	160	COC REPLACEMENT	NOS	1			1			1		

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COAL FEEDER	161	SCRAPPER SHOE/CHAIN LINK REPLACEMENT	NOS	14			14			14		
	162	BELT TRACKING DEVICE REPLACEMENT	NOS	3			3			3		
	163	MANHOLE DOOR GASKET REPLACEMENT	NOS	7			7			7		
	164	FEEDER MAIN MOTOR GEARBOX OIL SEAL REPLACEMENT	NOS	2			2			2		
	165	COC MOTOR GEARBOX OIL SEAL REPLACEMENT	NOS	2			2			2		
	166	FEEDER MAIN MOTOR GEARBOX SERVICING	NOS	0			1			1		
	167	COC GEARBOX SERVICING	NOS	0			1			1		
	168	COAL BLOCKAGE CLEARING	NOS	32			32			32		
	169	FEEDER I/L GATE SERVICING	NOS	0			3			3		
	170	ASSISTANCE IN C&I CALIBRATION	NOS	56			56			56		
	171	FEEDER SEAL AIR MOV SETTING	NOS	10			10			10		
	172	REMOVAL OF FOREIGN MATERIAL FROM THE BELT	NOS	48			48			48		
173	GREASING IN BEARING DURING EQUIPMENT RUNNING CONDITION	NOS	84			84			84			
COAL PIPE	174	VICTUALIC COUPLING REPLACEMENT	NOS	2			2			2		
	175	VICTUALIC COUPLING GASKET REPLACEMENT	NOS	20			20			20		
	176	COAL PIPE ELBOW REPLACEMENT	NOS	0			1			1		
FABRICARTION, ERECTON, REPAIR & REPLACE - PIPING	177	CUTTING, WELDING OF LP PIPING - STEAM LINE, OIL LINE, AIR LINE, WATER LINE, ETC.	Nos	150			50			50		
FABRICATION OF STRUCTURE	178	FABRICATION & ERECTION OF STRUCTURE	MT	12			10			10		
	179	PAINTING OF STRUCTURE	Sq. mtr	350			350			350		
	180	SCRAP RETURN TO STORE	Tractor Trips	50			50			50		
	181	ASSISTANCE IN HOIST AND SKY CLIMBER LOAD CHECKING	NOS	24			24			24		
	182	HT MOTOR REMOVAL AND INSTALLATION	NOS	2			2			2		
	183	HT MOTOR BEARING REPLACEMENT	NOS	2			2			2		
	184	HT MOTOR ALLIGNMENT	NOS	2			2			2		
	185	ONLINE COAL LEAKAGES TO BE ATTENDED BY SODIUM SILICATE	NOS	350			400			425		
	186	LEAKAGES TO BE ATTENDED BY WELDING PLATES	NOS	50			100			150		
	187	ROUND THE CLOCK MAINTENANCE ASISTANCE	NOS	1095			1095			1095		
	188	PM OF MILL HOISTS	NOS	16			16			16		
	189	PM OF HOIST OF FAN AND APH	NOS	48			48			48		

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MISCELLANEOUS	190	SERVICING OF HOISTS	NOS	0			1			1		
	191	METALLIC BELLOW REPLACEMENT	NOS	0			1			1		
	192	METALLIC BELLOW REPAIRING	NOS	40			45			50		
	193	DUCT LEAKAGES/ADDITIONAL WELDING/STIFFENING ATTENDING	RM	400			600			600		
	194	INSPECTION OF BOILER DURING WALKDOWN - DUCT LEAKAGE, BELLOW LEAKAGE, VALVE PASSING, OIL LEAKAGES, AIR LEAKAGES,INSULATION COND, BTL CONDITION, MANHOLE/PEEPHOLE LEAKAGE, ETC.	Nos	500			650			650		
	195	LINE FLUSHING	Nos	25			20			20		
	196	SCAFFOLDING ERECTION & REMOVAL - BOILER/DUCT	Cu. Mtr	1200			1000			1000		
	197	SPARES PRESERVATION ACTIVITY IN STORES	Nos	12			12			12		
	198	THICKNESS SURVEY OF TUBES, DUCTS,COAL PIPES ETC.	Points	700			1200			1200		
	199	PWHT OF WELDING JOINTS	Days	25			25			25		
	200	RADIOGRAPHY OF WELDING JOINTS	Visit	25			25			25		
	201	HOUSEKEEPING OF MILL/ FAN LUBE OIL SKID AND SURROUNDING AREA	NOS	2688			2688			2688		
202	HOUSEKEEPING OF BOILER ALL FLOORS, BUCKSTAYS, COAL PIPING , DUCTING,APH, BURNER WINDBOX ETC.	NOS	24			24			24			
ADDITIONAL MANPOWER	203	SUPERVISOR	Manday	100			100			100		
	204	MILL WRIGHT FITTER/IBR WELDER	Manday	150			150			150		
	205	SKY CLIMBER OPERATOR/HYDRA OPERATOR/FABRICATOR/VALVE TECHNICIAN	Manday	200			200			200		
	206	FITTER/GRINDER/CUTER/WELDER	Manday	600			600			600		
	207	RIGGER	Manday	600			600			600		
	208	HELPER	Manday	600			600			600		
		Total Amount										
		GST as applicable										
		Gross Total Amount										
Note:												
1) 5 % escalation shall be considered for Unit rate in 2nd year & 3rd year subsequently.												
2) Contract price shall be firm throughout the contract period irrespective of revision in daily wage rate.												