



**AMENDMENT ON TECHNICAL SPECIFICATION FOR COMPRESSED AIR SYTEM
PACKAGE
370 MW (109 FB) CCPP YELAHANKA**

SPECIFICATION NO.: PE-TS-409-555-A001

AMENDMENT NO # 1

REV. NO. 00

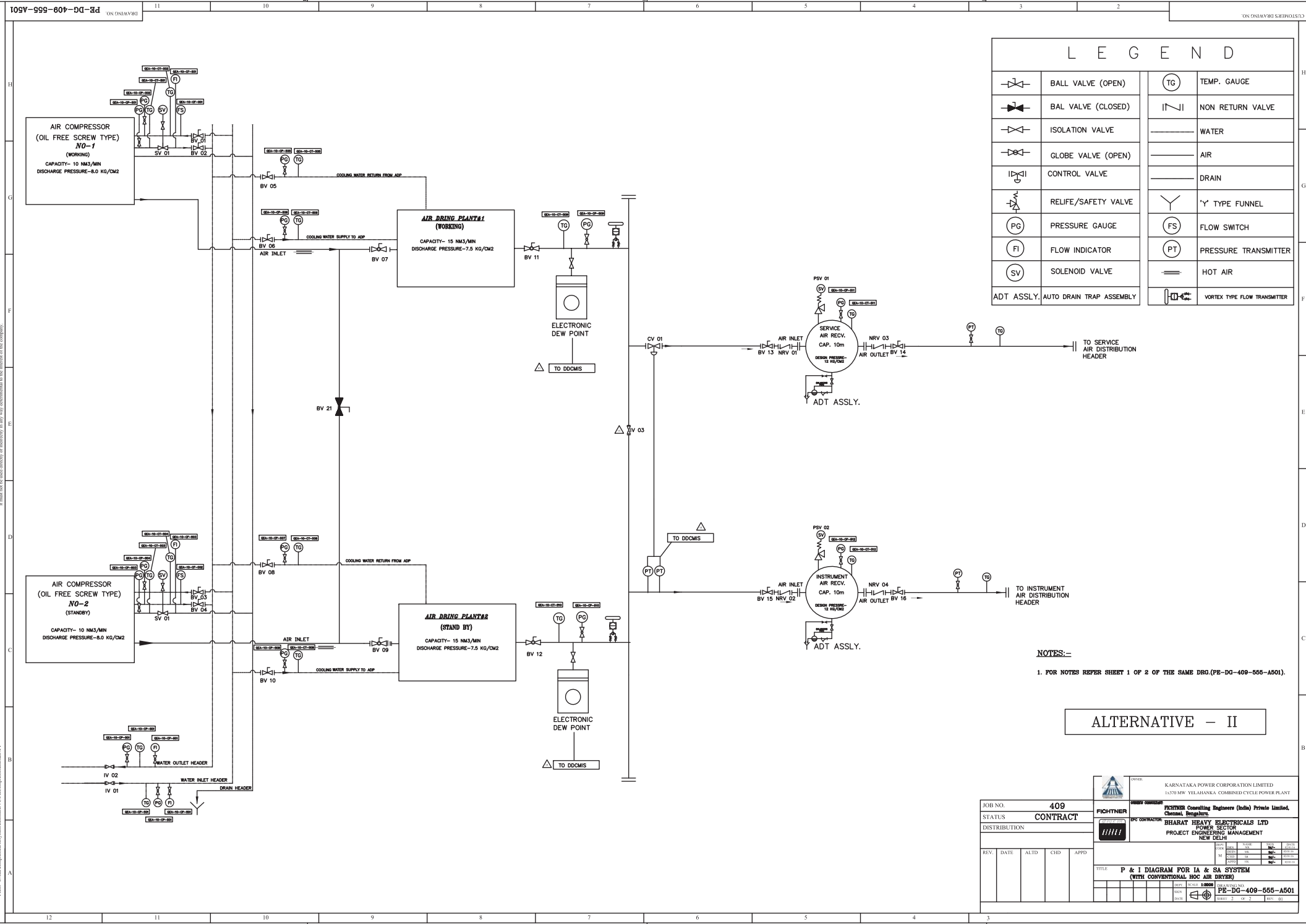
DATE: 26/02/2016

The following modifications with respect to Technical Specification compressed air system BHEL's Technical specification no **PE-TS-409-555-A001** shall apply.

Bidder to note that existing clauses/details as appearing in the specification stands deleted and clauses/details as mentioned in "Modified to or Read as" column shall be applicable and complied by the bidder.

MODIFIED CLAUSES/PAGE NUMBERS.

SI no.	Vol. No.	Section/ Description	Clause	Page no	Existing clause/details	Modified to or Read as
1.	IIB	SECTION-C1B	3.1.8	22 of 228	All instruments including the electronic on line dew point meter with suitable sampling connection.	All instruments including the electronic on line dew point meter with suitable sampling connection & isolation valves at common outlet of ADP.
2.	IIB	SECTION-C1B	3.2.1.7	23 of 228	Noise level shall not exceed 85 dBA plus tolerances when measured at a distance of 1.5 meter above the floor and 1 meter from the equipment in free field condition.	Noise level shall not exceed 85 dBA plus tolerances when measured at a distance of 1.5 meter above the floor and 1 meter from the equipment in free field condition. Required acoustic enclosures may be provided .The discharge blow off silencer and intake silencer shall be designed to meet the required limit for noise level.
3.	III	SECTION 1		200 of 228	List of commissioning spares (Volume II Annexure-XII)	List of commissioning spares -(Volume II Annexure-XI)
4.	III	INDEX	DRAWINGS	3 of 228	P & I diagram of compressed air System with ref type air drier	P & I diagram of compressed air system with HOC type air drier Alternative I & Alternative II.
5.	III	SECTIONS-8	DRAWINGS	222 of 228,	P & I diagram of compressed air system air drier.	One Pressure Transmitter , Pressure Gauge and Temperature gauge and Temperature element to be provided after receiver to instrument air distribution header and to be communicated to DCS. Flow meter/gauge shall be provided at the air dryer outlet header.



L E G E N D			
	BALL VALVE (OPEN)		TEMP. GAUGE
	BAL VALVE (CLOSED)		NON RETURN VALVE
	ISOLATION VALVE		WATER
	GLOBE VALVE (OPEN)		AIR
	CONTROL VALVE		DRAIN
	RELIFE/SAFETY VALVE		'Y' TYPE FUNNEL
	PRESSURE GAUGE		FLOW SWITCH
	FLOW INDICATOR		PRESSURE TRANSMITTER
	SOLENOID VALVE		HOT AIR
	ADT ASSLY. AUTO DRAIN TRAP ASSEMBLY		VORTEX TYPE FLOW TRANSMITTER

NOTES:-
1. FOR NOTES REFER SHEET 1 OF 2 OF THE SAME DRG.(PB-DG-409-555-A501).

ALTERNATIVE - II

JOB NO. 409		POWER KARNATAKA POWER CORPORATION LIMITED 15370 MW YELAHANKA COMBINED CYCLE POWER PLANT	
STATUS CONTRACT		ENGINEER CONSULTANT FICHTNER Consulting Engineers (India) Private Limited, Chennai, Bangalore.	
DISTRIBUTION		SUP CONTRACTOR BHARAT HEAVY ELECTRICALS LTD POWER SECTOR PROJECT ENGINEERING MANAGEMENT NEW DELHI	
REV.	DATE	ALTD	CHD
TITLE P & I DIAGRAM FOR IA & SA SYSTEM (WITH CONVENTIONAL HOC AIR DRYER)		DRAWN BY: [Signature] DATE: [Date]	
		CHECKED BY: [Signature] DATE: [Date]	
		APPROVED BY: [Signature] DATE: [Date]	
		PROJECT NO. PB-DG-409-555-A501 SHEET 2 OF 2	