	SPEC	IFICATION REFE	RENCE		Instead of	Read as
S. No.	Sectio n / Part	Sub-Section	Clause No.	Page No.		
Gen- 01	VI/A	I	4.02.00	5 of 9	Pre-commissioning and commissioning activities The contractor's scope shall	Pre-commissioning and commissioning activities The contractor's scope shall be considered for purpose of evaluation. The cost of coal & fuel oil shall be used as Rs. 1790/Ton (Rupees one Thousand seven Hundred and ninety only per ton of coal) and Rs. 40,000/KL (Rupees Forty Thousand per KL of fuel oil) respectively for such purpose. Further, during execution
MH-47	VI/A	IIA-16	1.01.08 (b)	11 of 15	Two (2) numbers secondary crushers (1Working +1 Standby) at the outlet of each Belt weigh feeder to discharge the bottom ash to Mixing tank shall be provided, total 12 numbers for both units.	Secondary crusher at the outlet of each Belt weigh feeder to discharge the bottom ash to Mixing tank shall be provided, total 6 numbers of secondary Crushers for both units.

Doc. No.: CS-9587-001R-2-TECH AMDT- 04	LARA SUPER THERMAL POWER PROJECT STAGE-II (2X800 MW)	Amendment No. 04 to Technical Specifications Section-VI

	SPECIFICATION REFERENCE				Instead of	Read as		
S. No.	Sectio n / Part	Sub-Section	Clause No.	Page No.				
MH-48	VI	ANNEXURE_L HP-PART B	2.0.0	1 of 12	Unloading, Crushing and conveying System for Limestone Two (2) numbersfacilities. A mechanized crusher. "As received" limestone shall be fed on the single stream conveyors from where the same shall be conveyed upto the crushers. The crushed limestone shall be conveyed by single stream conveyors/Bucket elevators up to the limestone storage Silo. From the limestone storage Silo, crushed limestone and feed the same onto double stream conveying system up to the limestone day silos.	Unloading, Crushing and conveying System for Limestone Two (2) numbersfacilities. A mechanized crusher. "As received" limestone shall be fed on the single stream conveyors from where the same shall be conveyed upto the crushers. The crushed limestone shall be conveyed by single stream conveyors/Bucket elevators up to the limestone storage Silo. From the limestone storage Silo, crushed limestone and feed the same onto Single stream conveying system up to the limestone day silos.		
MH-49	VI/A	VI- Mandatory Spares	CHAPTE R-04 COAL HANDLI NG PLANT 1 (O) (g)	9 of 20	Coupling bolts & nuts (with bushes) 2 sets - 1 sets each type & size	Coupling bolts & nuts (with bushes) - 2 sets each type & size		

Doc. No.: CS-9587-001R-2-TECH AMDT- 04	LARA SUPER THERMAL POWER PROJECT STAGE-II (2X800 MW)	Amendment No. 04 to Technical Specifications Section-VI

	SPECIFICATION REFERENCE					Instead	Lof		Read as				
S. No.	Sectio Sub-Section Clause Page No. n / No.									Troud us			
PIP2- 01		Amendment no 2 to technical specification PIP1-05				safety valves, relief valves and safety relief valves up to 50 NB size (if applicable)	02 nos. of each type, material, size & class per unit		,	Steam trap & Y strainer above 25 NB & up to 50 NB (if applicable)	size & class per unit		
VI	PIP1-05					Steam trap & Y strainer above 50 NB (if applicable)	02 nos. of each type, material, size & class per unit	1:	5c)	Steam trap & Y strainer above 50 NB (if applicable)	02 nos. of each type, material, size & class per unit		
WS3- 01	VI/A	I-B	Annexure -IIIA	09 OF 22	Raw water Analysis Raw water Analysis revised as placed at Appendix-I to this amendment.								
D4-01	VI/B	D-1-5	5.05.05	35 OF 86	fence insid confi outsi prov trans one	Silo utility building ad with chain linke the plant boundaride plant boundarided for rails, trusformers. The boundarick thick of height	d fencing, if plad dary and shall ry wall if pla y. Gates shall ck movement dary wall shall b	Il be we the we have and be and be of to we we we we we we we will be and be of the we	The Silo Area complex including Dewatering Bin area shall be fenced with chain linked fencing, if placed inside the plant boundary and shall be confined with boundary wall if placed outside plant boundary. Gates shall be provided for rails, truck movement and transformers. Fencing/Boundary with gate shall be located such that independent access to the area is available. The boundary wall shall be of one brick thick of height 2.4				

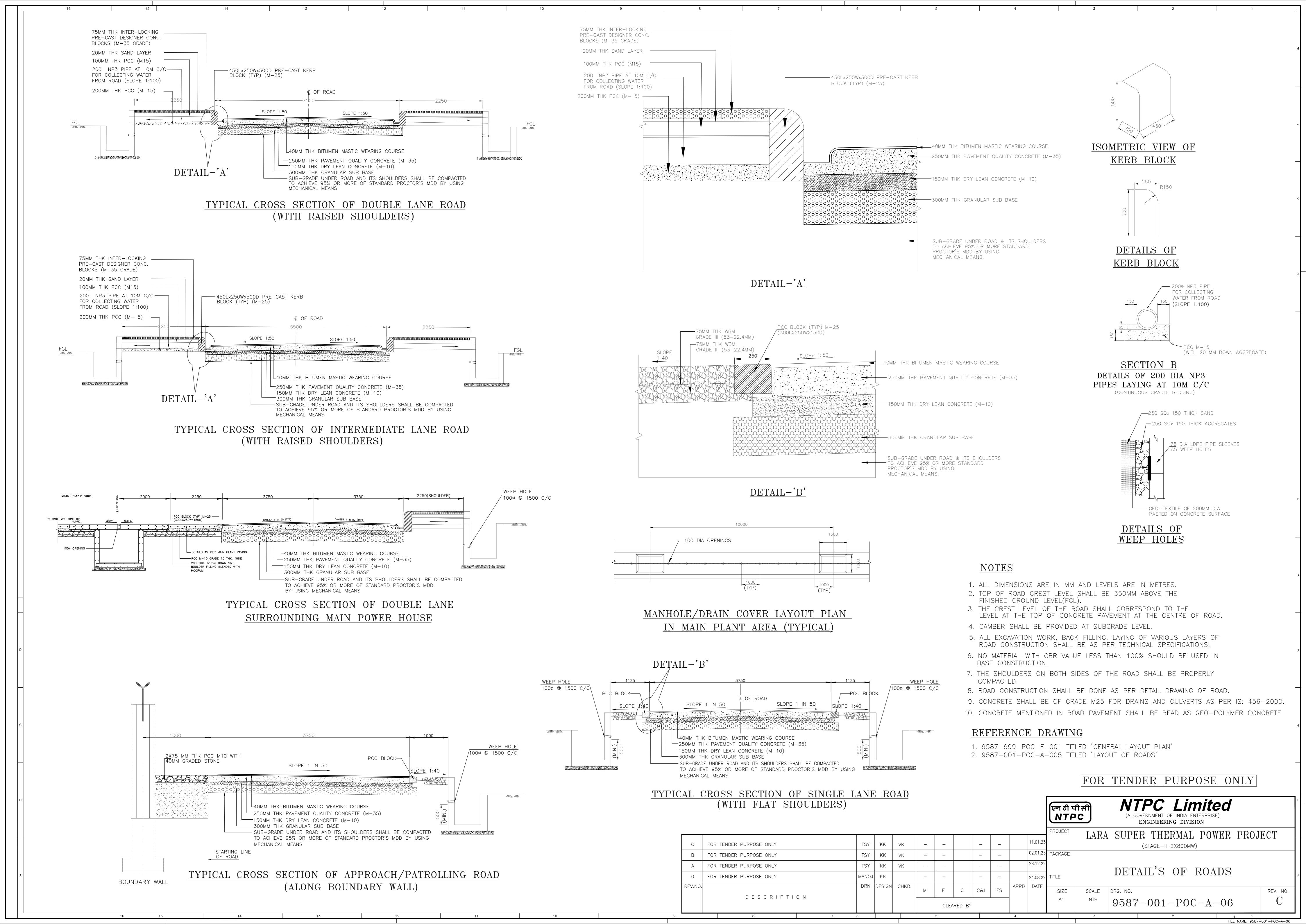
Doc. No.: CS-9587-001R-2-TECH AMDT- 04	LARA SUPER THERMAL POWER PROJECT STAGE-II (2X800 MW)	Amendment No. 04 to Technical Specifications Section-VI

	SPECIFICATION REFERENCE					Inst	tead of		Re	ad as		
S. No.	Sectio n / Part	Sub-Section	Clause No.	Page No.								
D4-02				in MF	At the entrance of all common control rooms in MPH G.I. framed with fire resistant glass, sliding doors shall be provided			Electrically operated, self operable/closing, aluminium framed with tinted glass, sliding doors shall be provided at the entrance of all common control rooms, entrance lobby of facility building. At the entrance of all common control rooms in MPH G.I. framed with fire resistant glass, sliding doors shall be provided				
D4-03	TECH	INICAL AMEND	MENT D3-0	01	9587-	-001-POC-A-06	S Rev -B	9587-001-POC-A-06 Rev -C				
SG1- 41	VI/A VI- Mandatory Spares CHAPTER -01 SG Auxiliaries 1.10.00 A) (8)		8	Air Motor	nos. each for PAPH & SAPH	8	Air Motor	2 nos. each for PAPH & SAPH				

Doc. No.: CS-9587-001R-2-TECH AMDT- 04	LARA SUPER THERMAL POWER PROJECT STAGE-II (2X800 MW)	Amendment No. 04 to Technical Specifications Section-VI

RAW WATER ANALYSIS- Lara stg-II (2x800MW)

SI. No.	Parameters	Unit	Design Values		
			0.0		
1	pH		8.2		
2	Turbidity	NTU	500		
3	P-Alkalinity	mg/l as CaCO₃			
4	M-Alkalinity	mg/l as CaCO ₃	149		
5	Total Hardness	mg/l as CaCO₃	216		
6	Calcium	mg/l as CaCO₃	132		
7	Magnesium	mg/l as CaCO₃	84		
8	Chloride	mg/l as Cl	40		
9	Sulphate	mg/l as SO ₄	84		
10	Total Silica	mg/l as SiO ₂	24.6		
11	Colloidal Silica	mg/l as SiO ₂	4.8		
12	Reactive Silica	mg/l as SiO ₂	19.8		
13	Sodium + Potassium	mg/l as Na	56		
14	Total Organic Carbon (TOC)	mg/l	5		
15	Chemical Oxygen Demand (COD)	mg/l	15		
16	Biological Oxygen Demand (BOD)	mg/l	5		
17	Equivalent Mineral Acid (EMA)	mg/l	124		
18	Total Suspended Solids (TSS)	mg/l			
19	Total Iron	mg/l as Fe	0.92		
20	KMnO ₄ No.	mg/l	2.8		
21	Dissolved Oxygen (DO)	mg/l	7-8		
22	Temperature	Deg C	28-36		
23	TDS	ppm	307		
24	Total cations	mg/l as CaCO₃	272		
25	Total anions	mg/l as CaCO₃	272		



	SPEC	IFICATION RE	FERENCE			Instead of			Read as			
S. No.	Sectio n / Part	Sub-Section	Clause No.	Page No.								
					Name of equipment	Type of equipment	Equipment rating	Name of equipment	Type of equipment	Equipment rating		
TG3- 01	VI/A	IA	3.1 Sl. No. (j) Condensate Extraction Pumps (CEP)	3 of 36	Condensate Extraction Pumps (CEP)	Vertical, cannister with double suction first stage impeller for steam turbine generator sets	Capacity not less than 1025 Ton/ hr and total developed Head not less than 30 Kg/cm2 OR Capacity not less than 880 Ton/ hr (in case drip pumps are used) and total developed Head not less than 30 Kg/cm2	Condensate Extraction Pumps (CEP)	Vertical, cannister with double suction first stage impeller for steam turbine generator sets	Condensate Extraction Pump (CEP) rating not less than that supplied for minimum 660 MW size Steam Turbine Generator Unit		

Doc. No.: CS-9587-001R-2-TECH AMDT- 04	LARA SUPER THERMAL POWER PROJECT STAGE-II (2X800 MW)	Amendment No. 04 to Technical Specifications Section-VI

		IFICATION RE	FERENCE			Instead of	ļ.		Read as	
S. No.	Sectio n / Part	Sub-Section	Clause No.	Page No.						
TG3- 02	VI/A	IA	3.1 Sl. No. (o) Boiler Feed Pumps (BFP)	3 of 36	Boiler Feed Pumps (BFP)	Type of equipment Horizontal, centrifugal, multistage, outer casing barrel type with end rotor removal for supercritical steam turbine generator sets	Equipment rating Capacity not less than 1250 Ton/ hr and total developed Head not less than 320Kg/cm2	Boiler Feed Pumps (BFP)	Type of equipment Horizontal, centrifugal, multistage, outer casing barrel type with end rotor removal for supercritica I steam turbine generator sets	Boiler Feed Pump (BFP) rating not less than that supplied for minimum 660 MW size Super-critical Steam Turbine Generator Unit
TG3- 03	VI/A	D. BOII	achment-3K t LER FEED P lge 185 of 40	UMPS				(M (ab Te	am parameters ain Steam s.)) /Ma nperature(Deg	s at Turbine inlet Pressure(kg/cm2 ain Steam g. C)/ Hot Reheat ure(Deg. C)):

Doc. No.: CS-9587-001R-2-TECH AMDT- 04	LARA SUPER THERMAL POWER PROJECT STAGE-II (2X800 MW)	Amendment No. 04 to Technical Specifications Section-VI

S. No.	SPECIFICATION REFERENCE				Instead of	Read as
	Sectio n / Part	Sub-Section	Clause No.	Page No.		
QA-01	VI/B	E-12	1.00.00 (5)	3 of 4	Visual Cavitation Test on one first stage production impeller of Boiler Feed Pump shall be carried out to demonstrate absence of Cavitation at Design Speed in Cold Water. The test will establish the cavitation characteristic of one production first stage impeller to confirm that the cavity length under dynamically scaled site conditions corresponding to design point will not exceed an agreed size. This test shall be carried out at 25%, 50%,65%,80%,100% and 125% of Design Flow.	Deleted

Doc. No.: CS-9587-001R-2-TECH AMDT- 04	LARA SUPER THERMAL POWER PROJECT STAGE-II (2X800 MW)	Amendment No. 04 to Technical Specifications Section-VI