



TITLE:

TECHNICAL SPECIFICATION FOR
CONDENSATE POLISHING UNIT
1X800 MW TSGENCO KOTHAGUDEM TPS
STAGE -VII, PALONCHA

SPEC NO: PE-TS-410-155A-A001

AMENDMENT NO # 2

PAGE 1 of 1

DATE:

The following modifications with respect to Technical Specification for CONDENSATE POLISHING UNIT, BHEL's Technical specification no PE-TS-410-155A-A001 shall apply.

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

MODIFIED CLAUSES/PAGE NUMBERS.

| SI no. | Vol. No. | Section/ Description | Clause no. / Zone | Page no | Existing | Modified to |
|--------|----------|--|-------------------|------------|---|--|
| 1. | II-B | C1 | 25 | 16 of 581 | Clause added. | The suction & discharge valves of pumps shall be provided with open & close limit switches for auto operation. |
| 2. | II-B | C1/ DATASHEET-A | 2.1.(x) | 64 of 581 | Pressure dampener-One number per pump | Stands Deleted. |
| 3. | II-B | C1/ P&ID For Condensate Polishing Unit (PE-DG-410-155A-A001. Rev-01) | {Zone-J:14} | 73 of 581 | Typical for unit 1 & 2 | For Unit 1. |
| 4. | II-B | D1 | 4.04.00. (i) | 258 of 581 | Exchange Resins- The bidder shall include with the plant adequate resins for all the condensate polisher service vessels. In addition separate charge of resin shall also be included for using the resins during commissioning stage of unit. Therefore, total number of charges supplied by bidder shall include total resin charges for TG units plus one spare charge plus commissioning charge plus one charge to be stored in additional regenerated resin storage vessel. | Exchange Resins- The bidder shall include with the plant adequate resins for all the condensate polisher service vessels & mixed resin storage vessel. In addition separate charge of resin shall also be included for using the resins during commissioning stage of unit. Therefore, total number of charges supplied by bidder shall include total resin charges for TG units and mixed resin storage vessel plus one spare charge for commissioning along with one charge for resin make up hopper. |
| 5. | II-B | D1 | 2.00.00 | 258 of 581 | 2.00.00 SYSTEM REQUIREMENT | 4.00.00 SYSTEM REQUIREMENT |
| 6. | II-B | D1 | 2.00.00 & 3.00.00 | 258 of 581 | Clause added. | Left Intentionally blank. |
| 7. | II-B | D1 | 5.11.00 | 279 of 581 | The bed cross section shall be such that the average velocity of condensate through it does not exceed 120 m/hour at the design flow rate. | Stands Deleted. |