

Annex 01:

PDP Content

1. The Plant performance index
2. Production process description with process flow diagram.
3. Material balance
4. Energy balance
5. Boundary conditions
6. PID Process diagram
7. Raw material specification, products specification, intermediates (intermediate product) specification, byproduct specification.
8. (include full above material's MSDS)
9. Utilities specification, conditions, consumption (water, electric power, gases, instrument air, compressor air, nitrogen etc.)
10. General layout drawings and illustration
11. Equipment plane layout drawings and illustration
12. Equipment list, equipment conditions table, non-standard equipment condition graph, and standard (stereotypes) equipment parameter table
13. Main civil conditions map
14. Instrument data sheets, control loops description.
15. Electrical equipment condition table.
16. Technical regulation
17. Safety technical regulations
18. Technology data book
 - Process description
 - Normal operation manual
 - Start-up preparation procedure
 - Start-up procedure
 - Normal shutdown procedure
 - The principle of accident treatment and emergency treatment measures
 - Equipment inspection and maintenance
 - Environmental protection
 - Sampling and analysis
19. Analytical manual
20. Other technical documents of the process package