

ANNEXURE-I

Note: This document is to be generated in Bidder's letter head.

Date :

SELF DECLARATION

This is self-certified that XXXXX software is in house developed thermo-hydraulic design software for Air Cooled Condenser (ACC). This software is available commercially for thermo-hydraulic design of Air Cooled Condenser.

Name of the Organization:

Signature :

Name of the Signatory :

Place :

Date of issue :

Seal & Stamp of the
Organization :

ANNEXURE-II

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Date:

CERTIFICATION FOR USE OF XXXXX SOFTWARE

This is to certify that XXXXX software is procured by BHEL and BHEL is free to use XXXXX software and its output for design, engineering, manufacturing and supply of Air Cooled Condenser.

Name of the Organization:

Signature :

Name of the Signatory :

Place :

Date of issue :

Seal & Stamp of the
Organization :

Annexure-III

The following minimum parameters shall be in the output of thermo-hydraulic calculation:

1. Total surface area
2. Number of streets
3. Number of bundles (parallel / counter flow)
4. Plot length and width
5. Platform Height
6. No. of modules
7. No. of bundles in parallel/ counter flow and their arrangement
8. Length, width and height of module
9. No. of tubes, tube pitch
10. Length of parallel and counterflow tube bundle
11. A-frame Angle
12. Duct Diameter and length, manifold diameter and length, steam header diameter and length
13. Tube Bundle/condensate header diameter and length
14. Air Extraction pipe diameter
15. Performance Curves as per PTC
16. Air Flow
17. Fan static Pressure
18. Steam Side Pressure drop

ANNEXURE-IV

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PRICE SCHEDULE

Sl.no	Description	Price		
		1 st Year	2 nd Year	3 rd Year
1.	Software license fee (clause 3.0) (One License having multi-user (min. 02) facility)			
2.	Training for software familiarization for at least three (03) days (clause 5.2/i)			
3.	Vetting of thermo hydraulic design calculation and optimization for one project of the owner/client choice. (clause 5.2/ii)			
4.	Documents (clause 6.2)			

OPTIONAL PRICE SCHEDULE (shall not be used for evaluation)

Sl.no	Description	Price
1.	Engineering support per man-day *	

* Optional price shall be for one year only from the date of delivery of software.

Note:

a) To bring perpetual license and subscription based license on the common ground for evaluation, costing of each type of software for three years to BHEL shall be compared.

b) Initially, order for the software shall be placed for one year only. The cost of 2nd year and 3rd year license fee will be remain the same as quoted in price schedule. No price increase is allowed in case BHEL procure the license for 2nd / 3rd year.