



"Prateek Dutta Roy"
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06/15/2007 01:26 PM

To: "Mayurika Chakraborty" <Mayurika.Chakraborty@in.ey.com>
cc:
Subject: RE: Information required on Technopolis

Please note our point wise reply:

Cost of Air Cooled Chillers for 1600TR having a COP of 3.0 at ARI conditions would be Rs: 310 Lacs. The above price includes the cost of air cooled condensers and fans.

Cost of 1600TR water cooled chillers with cooling towers, condenser water pumps, cooling towers, side stream filters, electromagnetic descaler for condenser water circuit. applicable piping, electricals etc was Rs 340 Lacs

There were total 40 nos Treated Fresh Air Heat Recovery wheels each having 2 blowers having VFD starter of 1.1 KW. Hence there were total 80 nos VFD starter having a total cost of Rs: 7.5 Lacs.

For the primary loop of chilled water pumping system, there were total 6 nos VFD, 4# 18.5KW + 2#15KW. Total cost of these 6 nos VFD was: Rs 3 Lacs.

Hope you would find the above in order.

Regards,

Prateek

From: Mayurika Chakraborty [mailto:Mayurika.Chakraborty@in.ey.com]
Sent: Friday, June 08, 2007 6:43 PM
To: Prateek Dutta Roy
Cc: pkb@forumprojects.in; aditya@forumprojects.in; Etti Khanna
Subject: Information required on Technopolis
Importance: High

Dear Prateek,

It would be kind of you to furnish the following requisite information on the HVAC system of 'Technopolis':

- Cost of air cooled chillers (of equivalent TR capacity as the water cooled chillers installed in 'Technopolis') with a full load efficiency of 1.17 kW/TR (a COP of 3.0 at ARI conditions)
- Cost of fans and/blowers that would be installed along with air cooled chillers
- Number of VFDs installed in the supply and return air fans of each of the heat recovery wheel installed in 'Technopolis' and the cost of each VFD
- Number of VFDs installed in the primary loop of the chilled water pumping system of the HVAC system of 'Technopolis' and cost of each VFD

With warm regards

ERNST & YOUNG®
Ernst & Young Pvt. Ltd

Mayurika Chakraborty
Consultant

Risk and Business Solutions
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