


ANNEXURE-2B : FILTER SEPARATOR DATASHEET										
<b>A. DESIGN DATA</b>										
1.	DESIGN CODE :	ASME SEC. VIII, DIV.1 latest edition								
2.	RADIOGRAPHY :									
3.	JOINT EFFICIENCY :									
4.	CORROSION ALLOWANCE :	3 mm								
5.	DIA.OF VESSEL :									
6.	T/L TO T/L DISTANCE OF VESSELS :									
7.	TYPE OF SEPARATOR: VANE TYPE									
8.	NO.OF FILTER ELEMENTS :									
9.	CLEAN PR. DROP ACROSS FILTER SEPARATOR( $\sqrt[3]{V}$ The clean pressure drop across filter separator shall be $\leq 0.2$ kg/cm2									
10.	CHANGE OVER PR. DROP ACROSS FILTER SEPARATOR( $\sqrt[3]{V}$ ):									
11.	COLLAPSIBLE PR. DROP ACROSS FILTER SEPARATOR( $\sqrt[3]{V}$ ):									
<b>12. OPERATING PRESSURE[Kg/cm2(g)]</b>										
i.	NORMAL :									
ii.	MINIMUM :									
iii.	MAXIMUM :									
iv.	MECH.DESIGN PRE. :									
<b>13. OPERATING TEMPERATURES(DEG C)</b>										
i.	NORMAL :									
ii.	MINIMUM :									
iii.	MAXIMUM :									
iv.	DESIGN TEMP. :									
<b>14. FLOW (NM3/HR)</b>										
i.	NORMAL :									
ii.	MINIMUM :									
iii.	MAXIMUM :									
iv.	DESIGN FLOW:									
<b>B. MATERIAL OF CONSTRUCTION:</b>										
<b>Sl. No.</b>	<b>Description</b>	<b>Construction</b>			<b>Permissible Stress [kg/cm2(g)]</b>					
a)	SHELL	SA 516 Gr 70/ A106 Gr B								
b)	DISHED END	SA 516 Gr 70								
c)	NOZZLE/SUMP	SA 516 Gr 70/ A106 Gr B								
d)	PIPE CAP	SA 516 Gr 70/ A106 Gr B								
e)	FILTER ELEMENTS	Glass Fiber								
f)	VANE SEPARATOR	SS 304								
MAKE OF FILTER ELEMENT										
MODEL NO OF FILTER ELEMENT										
MAKE OF VANE PACK										
MODEL NO OF VANE PACK										
EFFICIENCY										
LIQUID REMOVAL EFFICIENCY					8 microns and larger – 100%					
					0.5 to 8 microns – 99.5%					
SOLID REMOVAL EFFICIENCY					3 microns and larger – 100%					
					0.5 to 3 microns – 99.5%					

		Turndown		-100%							
NOTES:											
1) Bidder to furnish filled in datasheet alongwith their offer.											
2) <b>In case of any conflict, requirement mentioned in this Annexure-II shall supercede the requirement mentioned elsewhere in the specification</b>											
	<input type="checkbox"/> DEVIATION		<input type="checkbox"/> NO DEVIATION			VENDORS SIGNATURES WITH SEAL					
BHEL FORMAT NO: PEMC-1042, REV.00					PO NO:						
					PACKAGE NAME: GAS CONDITIONING SYSTEM						
	<b>BHARAT HEAVY ELECTRICALS LIMTIED</b> <b>PROJECT ENGINEERING DIVISION</b> <b>RC PURAM - HYDERABAD -32</b>				PACKAGE VENDOR :		DATE	PREP	CHKD	APPD	
					PROJECT :		VENDOR DOC.NO:			REV.	
					CUSTOMER :						
							SHEET 01 OF 01				