

Clarification No.1

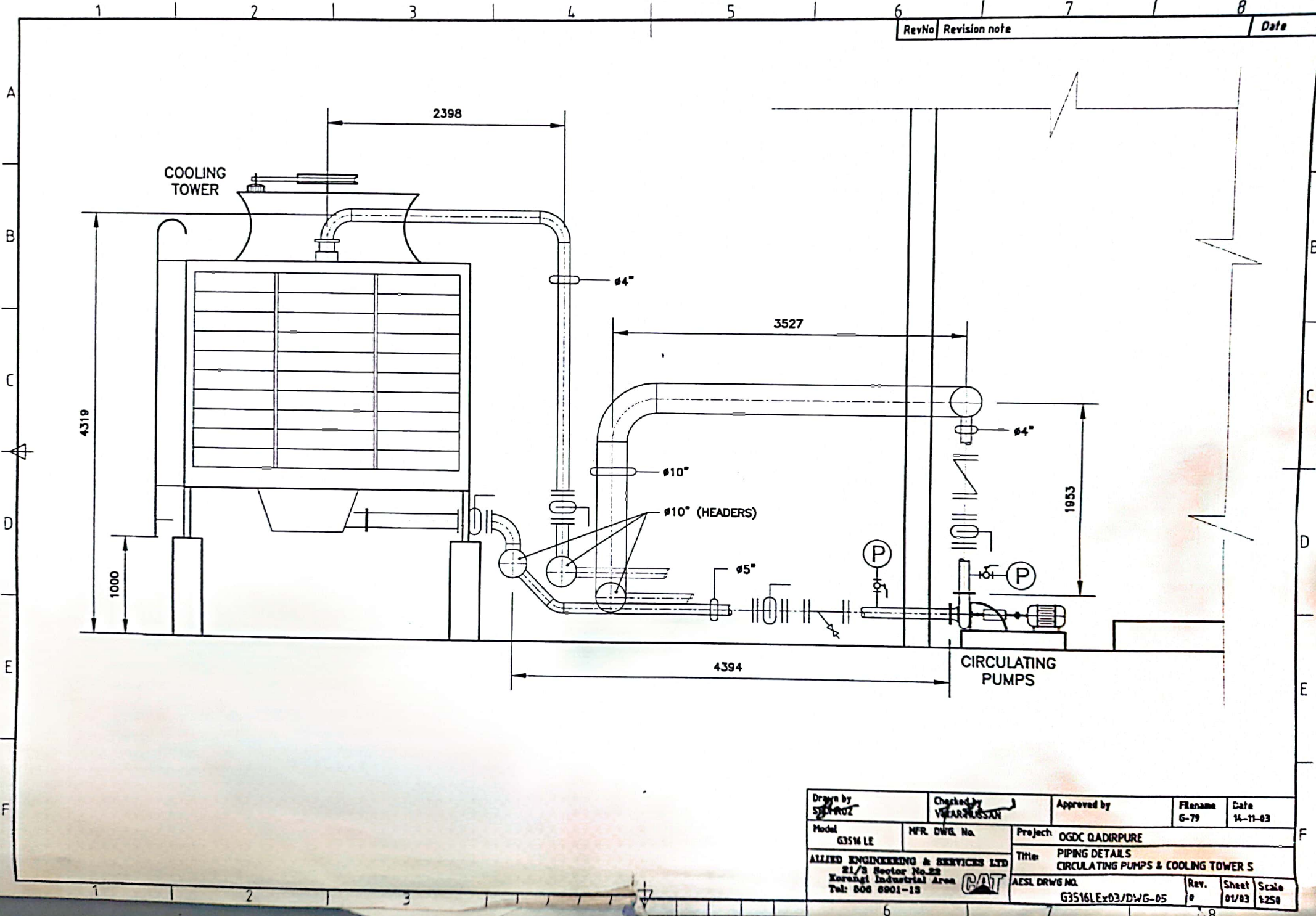
Tender Enquiry No. PROC/LE/PT/P&P-18305/21

Description: Cooling tower pumps



Sr.#	Queries	Reply
01	Tender documents mention that NPSH Available is 3.75 ft and suction pressure is atmospheric. Kindly note that the 3.75 ft equates to suction pressure of -0.86 bar.g, which is too low for the said application. You are requested to please recheck the NPSH Available at your end. Alternatively, OGDCL may share the rated suction pressure for selection purposes.	NPSH=37.5ft of water
02	Specifications for Motor in tender mentions motor with 415 V. As per our previous supplies, we have usually supplied motors with voltage of 400 V. Kindly confirm the requirement of voltage for motors, allowing us to proceed further accordingly.	Motors with voltage of 400 V level is acceptable
03	Suction is positive or negative (+ive if water source is above pump inlet, -ive if water source is below pump inlet)	Suction is positive
04	Horizontal pipe line length & diameter from water tank to pump inlet	Horizontal pipe length = 4394mm, dia 5"
05	Vertical pipe line length & diameter from water tank to pump inlet	Vertical pipe length 1953 mm, dia 4"
06	No. of bend in suction line	45 degree bend 01 nos in suction line.
07	Complete installation drawings of pumps	Attached here with





Drawn by SYDROZ	Checked by V. KARUNAN	Approved by	Filename G-79	Date 14-11-03
Model G35M LE	MFR DWG. No.	Project OGDC QADIRPURE		
ALLIED ENGINEERING & SERVICES LTD 21/3 Sector No.22 Korangi Industrial Area Tel: 806 8901-12		Title PIPING DETAILS CIRCULATING PUMPS & COOLING TOWER S		
AESL DWG NO. G3516LEx03/DWG-05		Rev. 0	Sheet 01/03	Scale 1:250