



FLOW: 65LPM PER PHE
 PRESSURE DROP: 25KPA PER PHE
 FREE VOLUME OF 3 PHE = 20 LTRS.

32NB HOSE IN SCOPE OF ATOS

ITEM CATEGORY	MAKE
PIPE (S 1220)	INDUS. INDIA, OTHER THERMAX APPROVED MAKE
WATER TANK	PLASTO SINTEX, JASH RAVAD, PARAS, AG Corporation, OTHER THERMAX APPROVED MAKE
BALL VALVE	INTER VALVE, ECOMVALA, UNISON VALVE, SIMPLY, AK, OTHER THERMAX APPROVED MAKE
PUMP WITH MOTOR	KIRLOSKAR, WILCO, OTHER THERMAX APPROVED MAKE
CONTROL PANEL	SIMPLY, OTHER THERMAX APPROVED MAKE
RTD	NUTECH, Power, OTHER THERMAX APPROVED MAKE
FLOW TRANSMITTER	HONEYWELL, EMERSON, DWAYER, OTHER THERMAX APPROVED MAKE
PRESSURE TRANSMITTER	HONEYWELL, EMERSON, DWAYER, OTHER THERMAX APPROVED MAKE
CABLES	HAVELLS, OR, POLYCOR, FINDEX, OTHER THERMAX APPROVED MAKE
LEVEL SWITCH	PLUNE, TECTO, OTHER THERMAX APPROVED MAKE

LEGEND	
	GATE VALVE (OPEN)
	GATE VALVE (CLOSE)
	GLOBE VALVE
	RESISTIVE TEMPERATURE DETECTOR
	SOLENOID VALVE
	NON RETURN VALVE
	PRESSURE INDICATOR
	ELECTRICAL POWER
	INSTRUMENT SIGNAL
	FLOW TRANSMITTER
	PRESSURE TRANSMITTER
	HIGH SIGNAL OF LS
	LOW SIGNAL OF LS
	FLEXIBLE HOSE
	BUTTERFLY VALVE (OPEN)
	BUTTERFLY VALVE (CLOSE)
	"Y" STRAINER
	MOTOR
	PUMP
	TEMPERATURE INDICATOR
	BALL VALVE

NATIONAL SUPERCOMPUTING MISSION <small>REQ. INFRASTRUCTURE APPLICATIONS R&D</small>		CDAC CENTER FOR DEVELOPMENT OF ADVANCED COMPUTING		ISSUED FOR APPROVAL
TITLE: PIPING AND INSTRUMENTATION DRAWING -P&ID				
OWNER: INDIAN INSTITUTE OF TECHNOLOGY HYDERABAD				
CONSULTANT				DRAWN
DRAWING NO. ---				CKD
DATE				APPROVED
				SCALE
				NTS
REV	DESCRIPTION	DATE	REV	R0