

ANNEXURE-2

GATE VALVE SPECIFICATIONS				MANUFACTURER'S OFFER	
PIPING CLASS	: MS	STANDARD	: API 600	STANDARD	
RATING	: 150#	SIZE RANGE	: 50NB TO 600NB	MFGRS CAT/FIG.	
ENDS	: FLGD, B16.5 RF/125AARH	SHT. NO.	: 1 OF 1	RATING	
SERVICE	: SP ,LPS .			ENDS	
DESCRIPTION	CONSTRUCTION	MATERIAL		CONSTRUCTION	MATERIAL
BODY	CAST	ASTM A 216 GR WCB			
BONNET	BOLTED	ASTM A 216 GR WCB			
STEM	RISING	13% CR STEEL (NO CASTING)			
WEDGE DISC	SOLID	13% CR. STEEL FACING / 13% CR. STEEL			
BODY SEAT RING	RENEWABLE	13% CR. STEEL FACING / 13% CR. STEEL			
STEM PACKING	RENEWABLE WITH VALVE OPEN ON STREAM	DIE FORMED GRAPHITE RINGS			
HAND WHEEL	NON RISING	MALLEABLE IRON/CAST ST/FAB.ST./DUCT. IRON			
BONNET BOLTS		ASTM A 193 GR B7			
BONNET NUTS		ASTM A 194 GR 2H			
BONNET GASKET		SP WND SS304 WITH GRAFOIL FILLER			
SPECIAL SERVICE CONDITIONS					
BACK SEAT AND SHOULDER	INTEGRAL	13% CR STEEL			
OTHER	O.S & Y , FULL BORE				
HYDROSTATIC TEST PRESSURE	BODY : 30 kg/cm ² g	SEAT : 22 kg/cm ² g			
TEST PRESSURE WITH AIR	56 kg/cm ² g				
NOTES :	<ol style="list-style-type: none"> 1. BIDDER SHALL CLEARLY WRITE ALL / ANY DEVIATION AGAINST EACH PART / MATERIAL OF VALVE IN THE SPACE PROVIDED FOR. WHEREVER BIDDER AGREE WITH SPEC BIDDER SHALL INDICATE "AGREED" 2. NO CUTTING /OVER WRITING BY BIDDER ON SPEC IS ALLOWED 3. TESTING SHALL BE AS PER API 598 4. VALVE SHALL BE TIGHT SHUT- OFF TYPE . 5. END TO END DIMENSION AS PER ANSI B 16.10 6. CERTIFICATE FOR MATERIAL TEST, RADIOGRAPHY & PRESSURE TEST IS REQUIRED 7. VALVES OF SIZES 350NB AND ABOVE SHALL BE GEAR OPERATED 8. VALVES OF SIZES GREATER THAN 350NB SHALL BE PROVIDED WITH BY PASS AND DRAINING ARRANGEMENT. 9. CASTING SHALL BE RADIOGRAPHED AS FOLLOWS: 600NB & BELOW – 5% (MIN 1 NO), 650NB & ABOVE – 100% 10. CROSS – SECTIONAL DETAILS OF BODY SEAT/ SEAL ARRANGEMENT SHALL BE SUBMITTED ALONG WITH THE OFFER. 11. VENDOR SHALL SUBMIT VALVE DRAWING FOR APPROVAL. 12. VALVE SHALL BE CERTIFIED SUITABLE FOR SERVICE & SERVICE CONDITION SPECIFIED IN THE DATASHEET. 13. ALL VALVES SHALL BE PROVIDED WITH BRASS TAG DISCS INDICATING TAG NOS. AND NOMENCLATURE OF THE VALVES 				

Annexure – 1

Supply of GATE VALVES for vacuum pump hot water transfer & recirculation purpose with the following specifications::

Sl. No.	Material code	Material Description & Size	Unit code	Stock in hand	Dues	Consumption rate	Item cat	Quantity required
1	300 024 091 745	Gate Valve with the specifications attached in Annexure-2 for Size: 02 “	01					35
2	300 024 091 747	Gate Valve with the specifications attached in Annexure-2 for Size: 04 “	01					15
3	300 024 091 748	Gate Valve with the specifications attached in Annexure-2 for Size: 06 “	01					15

Make: BDK/ MICROFINISH / KSB / L&T / LEVCON / AQUAFLOW / FLOWTECH / KHIMJI / *prime*.