

Sr. No.	Description	Unit	Rate (in Rs.) 2007-2008	Rate (in Rs.) 2008-2009
1	2	3	4	5
1.	<p>XII. PIPES APPURTENANCES</p> <p>Providing and supplying ISI mark CI D/F reflux valves (non-return valves) of following dia including all taxes (Central and Local), railway freight, inspection charges unloading from railway wagon, loading into truck, transportation upto departmental stroes/ site, unloading, stacking etc. complete.</p> <p>Reflux valves as per I.S.5312 Part I (1984)</p> <p>a) Without by pass arrangement - PN -1</p> <p>i) 50 mm.</p> <p>ii) 65 mm.</p> <p>iii) 80 mm.</p> <p>iv) 100 mm.</p> <p>v) 125 mm.</p> <p>vi) 150 mm.</p> <p>vii) 200 mm.</p> <p>viii) 250 mm.</p> <p>ix) 300 mm.</p> <p>x) 350 mm.</p> <p>xi) 400 mm.</p> <p>xii) 450 mm.</p> <p>xiii) 500 mm.</p> <p>xiv) 600 mm.</p> <p>xv) 700 mm.</p>	<p>No.</p> <p>No.</p> <p>No.</p> <p>No.</p> <p>No.</p> <p>No.</p> <p>No.</p> <p>No.</p> <p>No.</p> <p>No.</p> <p>No.</p> <p>No.</p> <p>No.</p> <p>No.</p> <p>No.</p> <p>No.</p> <p>No.</p> <p>No.</p> <p>No.</p>	<p>2,679.00</p> <p>2,586.00</p> <p>3 ,123.00</p> <p>4,242.00</p> <p>5,439.00</p> <p></p> <p>6,393.00</p> <p>13,214.00</p> <p>21,786.00</p> <p>32,512.00</p> <p>38,902.00</p> <p></p> <p>49,711.00</p> <p>83,728.00</p> <p>1,00,993.00</p> <p>1,69,853.00</p> <p>3,64,900.00</p>	

Sr. No.	Description	Unit	Rate (in Rs.) 2007-2008	Rate (in Rs.) 2008-2009
1	2	3	4	5
	xvi) 750 mm.	No.	4,59,515.00	
	xvii) 800 mm.	No.	5,67,633.00	
	xviii) 900 mm.	No.	6,48,722.00	
	xix) 1000 mm.	No.	8,37,935.00	
	xx) 1100 mm.	No.	10,81,207.00	
	xxi) 1200 mm.	No.	11,75,814.00	
	b) With by pass arrangement - PN -1			
	i) 80 mm.	No.	5,079.00	
	ii) 100 mm.	No.	6,116.00	
	iii) 125 mm.	No.	7,151.00	
	iv) 150 mm.	No.	9,620.00	
	v) 200 mm.	No.	17,430.00	
	vi) 250 mm.	No.	24,842.00	
	vii) 300 mm.	No.	34,911.00	
	viii) 350 mm.	No.	50,140.00	
	ix) 400 mm.	No.	54,946.00	
	x) 450 mm.	No.	96,836.00	
	xi) 500 mm.	No.	1,15,001.00	
	xii) 600 mm.	No.	1,75,562.00	
	xiii) 700 mm.	No.	3,69,100.00	
	xiv) 750 mm.	No.	4,64,015.00	
	xv) 800 mm.	No.	5,72,433.00	
	xvi) 900 mm.	No.	6,54,122.00	
	xvii) 1000 mm.	No.	8,43,935.00	

Sr. No.	Description	Unit	Rate (in Rs.) 2007-2008	Rate (in Rs.) 2008-2009
1	2	3	4	5
	c) Without by pass arrangement - PN -1.6			
	i) 50 mm.	No.	2,389.00	
	ii) 65 mm.	No.	2,993.00	
	iii) 80 mm.	No.	3,577.00	
	iv) 100 mm.	No.	4,778.00	
	v) 150 mm.	No.	7,169.00	
	vi) 200 mm.	No.	14,294.00	
	vii) 250 mm.	No.	23,626.00	
	viii) 300 mm.	No.	35,113.00	
	ix) 350 mm.	No.	42,013.00	
	x) 400 mm.	No.	53,688.00	
	xi) 450 mm.	No.	96,618.00	
	xii) 500 mm.	No.	1,16,537.00	
	xiii) 600 mm.	No.	1,95,995.00	
	xiv) 700 mm.	No.	4,21,046.00	
	xv) 750 mm.	No.	5,30,215.00	
	xvi) 800 mm.	No.	6,54,962.00.	
	xvii) 900 mm.	No.	7,48,512.00	
	xviii) 1000 mm.	No.	9,66,849.00	
	xix) 1100 mm.	No.	12,47,548.00	
	xx) 1200 mm.	No.	13,56,706.00	

Sr. No.	Description	Unit	Rate (in Rs.) 2007-2008	Rate (in Rs.) 2008-2009
1	2	3	4	5
	d) With by pass arrangement - PN -1.6			
	i) 50 mm.	No.	2,689.00	
	ii) 80 mm.	No.	3,383.00	
	iii) 100 mm.	No.	4,057.00	
	iv) 125 mm.	No.	5,378.00	
	v) 150 mm	No.	8,069.00	
	vi) 200 mm.	No.	15,494.00	
	vii) 250 mm.	No.	25,126.00	
	viii) 300 mm.	No.	36,913.00	
	ix) 350 mm.	No.	44,113.00	
	x) 400 mm.	No.	56,088.00	
	xi) 450 mm.	No.	99,318.00	
	xii) 500 mm.	No.	1,19,537.00	
	xiii) 600 mm.	No.	1,99,595.00	
	xiv) 700 mm.	No.	4,25,240.00	
	xv) 750 mm.	No.	5,34,715.00.	
	xvi) 800 mm.	No.	6,59,762.00	
	xvii) 900 mm.	No.	7,53,912.00	
	xviii) 1000 mm.	No.	9,72,849.00	
	xix) 1100 mm	No.	12,54,148.00	
	xx) 1200 mm	No.	13,63,906.00	

Sr. No.	Description	Unit	Rate (in Rs.) 2007-2008	Rate (in Rs.) 2008-2009
1	2	3	4	5
	b) Sluice valves - PN -1 (With by pass arrangement)			
	vi) 150 mm.	No.	8,613.00	
	vii) 200 mm.	No.	14,864.00	
	viii) 250 mm.	No.	21,914.00	
	ix) 300 mm.	No.	24,496.00	
	x) 350 mm.	No.	45,854.00	
	xi) 400 mm.	No.	56,428.00	
	xii) 450 mm.	No.	80,439.00	
	xiii) 500 mm.	No.	1,00,768.00	
	xiv) 600 mm.	No.	1,41,191.00	
	xv) 700 mm.	No.	2,87,254.00	
	xvi) 750 mm.	No.	3,80,214.00	
	xvii) 800 mm.	No.	4,18,889.00	
	xviii) 900 mm.	No.	4,81,049.00	
	xix) 1000 mm.	No.	7,26,819.00	
	xx) 1200 mm	No.	10,01,192.00	
	.			

Sr. No.	Description	Unit	Rate (in Rs.) 2007-2008	Rate (in Rs.) 2008-2009
1	2	3	4	5
	<p>c) Sluice valve - PN - 1.6</p> <p>(Without by pass arrangement)</p>			
	i) 50 mm.	No.	3,415.00	
	ii) 65 mm.	No.	4,313.00	
	iii) 80 mm.	No.	4,616.00	
	iv) 100 mm.	No.	6,415.00	
	v) 125 mm.	No.	8,019.00	
	vi) 150 mm.	No.	9,623.00	
	vii) 200 mm.	No.	17,041.00	
	viii) 250 mm.	No.	25,519.00	
	ix) 300 mm.	No.	31,200.00	
	x) 350 mm.	No.	56,239.00	
	xi) 400 mm.	No.	69,485.00	
	xii) 450 mm.	No.	88,620.00	
	xiii) 500 mm.	No.	1,18,842.00	
	xiv) 600 mm	No.	1,67,207.00	
	xv) 700 mm	No.	2,80,198.00	
	xvi) 750 mm	No.	4,31,250.00	
	xvii) 800 mm	No.	4,98,146.00	
	xviii) 900 mm	No.	6,60,505.00	
	xix) 1000 mm	No.	9,09,503.00	
	xx) 1200 mm	No.	12,14,725.00	

Sr. No.	Description	Unit	Rate (in Rs.) 2007-2008	Rate (in Rs.) 2008-2009
1	2	3	4	5
	<p>d) Sluice valve - PN - 1.6</p> <p>(With by pass arrangement)</p>			
	vi) 150 mm.	No.	10,523.00	
	vii) 200 mm.	No.	18,241.00	
	viii) 250 mm.	No.	27,019.00	
	ix) 300 mm.	No.	33,000.00	
	x) 350 mm.	No.	58,339.00	
	xi) 400 mm.	No.	72,245.00	
	xii) 450 mm.	No.	91,320.00	
	xiii) 500 mm.	No.	1,21,842.00	
	xiv) 600 mm	No.	1,70,807.00	
	xv) 700 mm	No.	2,83,698.00	
	xvi) 750 mm	No.	4,35,000.00	
	xvii) 800 mm	No.	5,02,146.00	
	xviii) 900 mm	No.	6,65,005.00	
	xix) 1000 mm	No.	9,14,503.00	
	xx) 1200 mm	No.	12,20,725.00	

Sr. No.	Description	Unit	Rate (in Rs.) 2007-2008	Rate (in Rs.) 2008-2009
1	2	3	4	5
	b) Butterfly valve - PN - 1.6			
	i) 50 mm.	No.	1,836.00	
	ii) 65 mm.	No.	2,045.00	
	iii) 80 mm.	No.	2,562.00	
	iv) 100 mm.	No.	3,006.00	
	v) 125 mm.	No	3,802.00	
		.		
	vi) 150 mm.	No.	4,338.00	
	vii) 200 mm.	No.	12,761.00	
	viii) 250 mm.	No.	18,179.00	
	ix) 300 mm.	No.	28,187.00	
	x) 350 mm.	No.	46,504.00	
	xi) 400 mm.	No.	54,542.00	
	xii) 450 mm.	No.	62,844.00	
	xiii) 500 mm.	No.	74,053.00	
	xiv) 600 mm	No.	99,195.00	
	xv) 700 mm	No.	1,39,907.00	
	xvi) 750 mm	No.	1,59,958.00	
	xvii) 800 mm	No.	1,82,934.00	
	xviii) 900 mm	No.	2,27,866.00	
	xix) 1000 mm	No.	2,83,177.00	
	xx) 1100 mm	No.	3,35,864.00	
	xxi) 1200 mm	No.	4,04,028.00	
	xxii) 1500 mm	No.	-	
	xxiii) 1600 mm	No.	7,70,000.00	
	xxiii) 1800 mm	No.	12,00,000.00	
	xxiv) 2000 mm	No.	-	

Sr. No.	Description	Unit	Rate (in Rs.) 2007-2008	Rate (in Rs.) 2008-2009
1	2	3	4	5
4.	<p>Lowering, laying and jointing in position following C.I.D/F Reflex valves, Butterfly valves and Sluice valves including cost of all labour jointing material, including nut bolts and giving satisfactory hydraulic testing etc. complete. (Rate for all class of valves.)</p>			
	i) 50 mm.	No.	230.00	
	ii) 65 mm.	No.	387.00	
	iii) 80 mm.	No.	563.00	
	iv) 100 mm.	No.	799.00	
	v) 125 mm.	No.	859.00	
	vi) 150 mm.	No.	1,246.00	
	vii) 200 mm.	No.	1,331.00	
	viii) 250 mm.	No.	1,755.00	
	ix) 300 mm.	No.	2,275.00	
	x) 350 mm.	No.	2,783.00	
	xi) 400 mm.	No.	3,110.00	
	xii) 450 mm.	No.	3,291.00	
	xiii) 500 mm.	No.	3,654.00	
	xiv) 600 mm.	No.	4,029.00	
	xv) 700 mm.	No.	4,404.00	
	xvi) 750 mm.	No.	5,590.00	
	xvii) 800 mm.	No.	7,054.00	
	xviii) 900 mm.	No.	7,308.00	
	xix) 1000 mm.	No.	8,736.00	
	xx) 1200 mm.	No.	10,055.00	

Sr. No.	Description	Unit	Rate (in Rs.) 2007-2008	Rate (in Rs.) 2008-2009
1	2	3	4	5
5.	<p>Providing and supplying Air Valves as per IS-10845 and MJP's standard specifications of approved make and quality of following diameters including all taxes (Central and local), railway freight, inspection charges, unloading from railway wagons, loading into truck, transportation upto departmental stores / site, unloading and stacking etc. complete.</p> <p>a) Air Valve Single Ball Flanged / Screwed Type - PN -1</p> <p>i) 12/15 mm.</p> <p>ii) 20 mm.</p> <p>iii) 25 mm.</p> <p>iv) 32 mm.</p> <p>v) 40 mm.</p> <p>vi) 50 mm.</p> <p>b) Air Valve Single Ball Flanged / Screwed Type - PN -1.6</p> <p>i) 12/15 mm.</p> <p>ii) 20 mm.</p> <p>iii) 25 mm.</p> <p>iv) 32 mm.</p> <p>v) 40 mm.</p> <p>vi) 50 mm.</p>	<p>No.</p> <p>No.</p> <p>No.</p> <p>No.</p> <p>No.</p> <p>No.</p> <p>No.</p> <p>No.</p> <p>No.</p> <p>No.</p> <p>No.</p> <p>No.</p> <p>No.</p> <p>No.</p>	<p>508.00</p> <p>613.00</p> <p>844.00</p> <p>922.00</p> <p>1,015.00</p> <p>1,172.00</p> <p>595.00</p> <p>844.00</p> <p>1,015.00</p> <p>1,095.00</p> <p>1,172.00</p> <p>1,531.00</p>	

Sr. No.	Description	Unit	Rate (in Rs.) 2007-2008	Rate (in Rs.) 2008-2009
1	2	3	4	5
6.	<p>Providing and supplying Air Valves as per IS-10845 and MJP's standard specifications double orifice type</p> <p>combined with screw down isolating valve, small orifice elastic ball resting on a gun metal orifice nipple, large orifice vulcanite ball seating on moulded seat ring, inlet face and drilled, including all taxes (Central and local), insurance, third party inspection charges, loading, unloading, transportatoin upto departmental stores / site, etc. complete.</p> <p>a) Air Valve Double Ball Flanged Type - PN -1</p> <p>i) 50 mm.</p> <p>ii) 65 mm.</p> <p>iii) 80 mm.</p> <p>b) Air Valve Double Ball Flanged Type - PN -1.6</p> <p>i) 50 mm.</p> <p>ii) 65 mm.</p> <p>iii) 80 mm.</p>	<p>No.</p> <p>No.</p> <p>No.</p> <p>No.</p> <p>No.</p> <p>No.</p> <p>No.</p>	<p>4,690.00</p> <p>5,472.00</p> <p>6,251.00</p> <p>6,213.00</p> <p>7,035.00</p> <p>8,706.00</p>	

Sr. No.	Description	Unit	Rate (in Rs.) 2007-2008	Rate (in Rs.) 2008-2009
1	2	3	4	5
7.	<p>Providing and supplying Air Valves as per IS-10845 and MJP's standard specifications double orifice type combined with isolating sluice valve, mounted in horizontal position and operated by wheel gearing, small orifice elastic ball resting on a gun metal orifice nipple, large orifice vulcanite ball seating on moulded seat ring, inlet face and drilled, including all taxes (Central and local), insurance, third party inspection charges, loading, unloading, transportation upto departmental storer / site, etc. complete.</p> <p>a) Air Valve Double Ball Flanged Type - PN -1</p> <p>i) 100 mm.</p> <p>ii) 150 mm.</p> <p>iii) 200 mm.</p> <p>b) Air Valve Double Ball Flanged Type - PN -1.6</p> <p>i) 100 mm.</p> <p>ii) 150 mm.</p> <p>iii) 200 mm.</p>	<p>No.</p> <p>No.</p> <p>No.</p> <p>No.</p> <p>No.</p> <p>No.</p> <p>No.</p>	<p>7,904.00</p> <p>14,405.00</p> <p>24,226.00</p> <p>12,084.00</p> <p>17,025.00</p> <p>28,632.00</p>	

Sr. No.	Description	Unit	Rate (in Rs.) 2007-2008	Rate (in Rs.) 2008-2009
1	2	3	4	5
8.	<p>Providing and supplying Kinetic Double Orifice type Air Valves as per MJP's standard specifications combined with screw down isolating valve, small orifice elastic ball resting on a gun metal orifice nipple, large orifice vulcanite ball seating on moulded seat ring, inlet face and drilled, including all taxes (Central and local), insurance, third party inspection charges, loading, unloading, transportation upto departmental stores / site, etc. complete.</p> <p>a) Kinetic Air Valve Flanged Type - PN -1</p> <p>i) 40 mm.</p> <p>ii) 50 mm.</p> <p>iii) 80 mm.</p> <p>b) Kinetic Air Valve Flanged Type - PN -1.6</p> <p>i) 40 mm.</p> <p>ii) 50 mm.</p> <p>iii) 80 mm.</p>	<p>No.</p> <p>No.</p> <p>No.</p> <p>No.</p> <p>No.</p> <p>No.</p> <p>No.</p>	<p>7,189.00</p> <p>9,034.00</p> <p>12,494.00</p> <p>8,539.00</p> <p>10,390.00</p> <p>14,362.00</p>	

Sr. No.	Description	Unit	Rate (in Rs.) 2007-2008	Rate (in Rs.) 2008-2009
1	2	3	4	5
9.	<p>Providing and supplying Kinetic Double Orifice type Air Valves as per MJP's standard specifications having small orifice elastic ball resting on a gun metal orifice nipple, large orifice vulcanite ball seating on moulded seat ring, with built-in Kinetic features, isolating sluice valve mounted in horizontal position and operated by wheel gearing, inlet face and drilled, including all taxes (Central and local), insurance, third party inspection charges, loading, unloading, transportation upto departmental stores / site, etc. complete.</p> <p>a) Kinetic Air Valve Flanged Type - PN -1</p> <p>i) 100 mm. ii) 150 mm. iii) 200 mm.</p> <p>b) Kinetic Air Valve Flanged Type - PN -1.6</p> <p>i) 100 mm. ii) 150 mm. iii) 200 mm.</p>	<p>No. No. No.</p> <p>No. No. No.</p>	<p>17,970.00 28,238.00 42,418.00</p> <p>20,665.00 32,473.00 48,812.00</p>	

Sr. No.	Description	Unit	Rate (in Rs.) 2007-2008	Rate (in Rs.) 2008-2009	
1	2	3	4	5	
11.	c) Kinetic Air Valve (PN-1 and PN - 1.6)				
	i) 40 mm.	No.	139.00		
	ii) 50 mm.	No.	161.00		
	iii) 65 mm.	No.	175.00		
	iv) 80 mm.	No.	194.00		
	v) 100 mm.	No.	213.00		
	vi) 125 mm.	No.	232.00		
	vii) 150 mm.	No.	333.00		
	viii) 200 mm.	No.	363.00		
	Providing erecting Cast Steel/ Spheroidal Graphite (S.G) Iron D/F Sluice Valves / Butterfly Valves with jointing to pipe work (including all hardware and packing) water works quality, having non-rising spindle with hand wheel and without bypass arrangement, spindle of stainless steel as per requirement, excluding C. C. foundation / structural steel support.				
	For Rating Class 150 (Working Pressure 20 kg/cm² and Test Pressure 30 kg/cm²)				
	A)	a) Sluice Valves			
	i) 80 mm dia.	No.	10,179.00		
	ii) 100 mm dia.	No.	16,235.00		
	iii) 150 mm dia.	No.	25,066.00		
	iv) 200 mm dia.	No.	40,079.00		
	v) 250 mm dia.	No.	59,747.00		
	vi) 300 mm dia.	No.	86,564.00		
vii) 350 mm dia.	No.	1,16,564.00			
viii) 400 mm dia.	No.	1,43,151.00			
ix) 450 mm dia.	No.	1,72,353.00			
x) 500 mm dia.	No.	2,95,396.00			
xi) 600 mm dia.	No.	4,05,847.00			

Sr. No.	Description	Unit	Rate (in Rs.) 2007-2008	Rate (in Rs.) 2008-2009
1	2	3	4	5
12.	<p>b) Butterfly Valves</p> <p>i) 300 mm dia. ii) 350 mm dia. iii) 400 mm dia. iv) 450 mm dia. v) 500 mm dia. vi) 600 mm dia.</p> <p>Providing erecting Cast Steel D/F Sluice Valves / Butterfly Valves with jointing to pipe work (including all hardware and packing) water works quality having non-rising spindle with hand wheel and without bypass arrangement, spindle of stainless steel as per requirement, excluding C. C. foundation / structural steel support.</p> <p>For Rating Class 300 (Working Pressure 52 kg/cm² and Test Pressure 78 kg/cm²)</p> <p>A) a) Sluice Valves (Without by pass arrangement)</p> <p>i) 80 mm dia. ii) 100 mm dia. iii) 150 mm dia. iv) 200 mm dia. v) 250 mm dia. vi) 300 mm dia. vii) 350 mm dia. viii) 400 mm dia. ix) 450 mm dia. x) 500 mm dia. xi) 600 mm dia.</p>	<p>No. No. No. No. No. No.</p> <p>No. No. No. No. No. No. No. No. No. No. No.</p>	<p>48,587.00 83,024.00 1,01,948.00 1,12,141.00 1,28,998.00 1,67,697.00</p> <p>11,856.00 18,720.00 28,541.00 48,320.00 64,762.00 93,709.00 1,63,210.00 2,00,410.00 2,41,295.00 3,75,915.00 5,68,186.00</p>	

Sr. No.	Description	Unit	Rate (in Rs.) 2007-2008	Rate (in Rs.) 2008-2009
1	2	3	4	5
14.	<p>Providing erecting Cast Steel D/F Reflux Valves Single door with jointing to pipe work (including all hardware and packing) water works quality with jointing to pipe without bypass arrangement, with gunmetal seat excluding C. C. foundation / structural steel support.</p> <p>For Rating Class 300 (Working Pressure 52 kg/cm² and Test Pressure 78 kg/cm²)</p> <p>i) 80 mm dia. ii) 100 mm dia. iii) 150 mm dia. iv) 200 mm dia. v) 250 mm dia. vi) 300 mm dia.</p>	No. No. No. No. No. No.	8,873.00 17,086.00 26,091.00 43,788.00 63,757.00 89,977.00	
15.	<p>Providing erecting Kinetic Double Orifice Cast Steel Air Valves with an isolating Sluice Valve mounted in horizontal position operated by wheel gear suitable for working pressure of Class-150 rating (20 kg/cm²)</p> <p>i) 80 mm dia. ii) 100 mm dia. iii) 150 mm dia. iv) 200 mm dia.</p>	No. No. No. No.	22,426.00 34,048.00 65,245.00 1,02,473.00	
16.	<p>Providing erecting Kinetic Double Orifice Cast Steel Air Valves with an isolating Sluice Valve mounted in horizontal position operated by wheel gear suitable for working pressure of Class 300 rating (52 kg/cm²)</p> <p>i) 80 mm dia. ii) 100 mm dia. iii) 150 mm dia. iv) 200 mm dia.</p>	No. No. No. No.	31,692.00 43,046.00 80,462.00 1,23,363.00	

Sr. No.	Description	Unit	Rate (in Rs.) 2007-2008
1	2	3	4
17.	<p>Providing and fixing in position air valve shaft including providing and fixing GI Medium Class or 6 mm thick M.S. pipe shaft 2.70 M long over branch flange of air valve tee, providing PCC block of M-150 concrete, 150 mm thick around the air valve tee including encasing of vertical shaft in PCC M-150 as shown in type design together with providing and making flanged joints wherever required and fixing of air valve tee, etc. complete as per type design and as directed by Engineer-in-charge for following diameters of pipe lines (type design attached.)</p> <p>A) Foundation on Murum and Hard Strata</p> <p>i) Upto 150 mm dia pipe line.</p> <p>ii) 200 to 400 mm dia pipe line.</p> <p>iii) 450 to 900 mm dia pipe line.</p> <p>iv) 1000 to 1200 mm dia pipe line.</p> <p>B) Foundation in B.C. Soil or Any Other Soil.</p> <p>i) Upto 150 mm dia pipe line.</p> <p>ii) 200 to 400 mm dia pipe line.</p> <p>iii) 450 to 900 mm dia pipe line.</p> <p>iv) 1000 to 1200 mm dia pipe line</p>	<p>No.</p> <p>No.</p> <p>No.</p> <p>No.</p> <p>No.</p> <p>No.</p> <p>No.</p> <p>No.</p> <p>No.</p>	<p>2,819.00</p> <p>3,303.00</p> <p>6,716.00</p> <p>8,434.00</p> <p>3,340.00</p> <p>4,029.00</p> <p>7,671.00</p> <p>9,620.00</p>

Sr. No.	Description	Unit	Rate (in Rs.) 2007-2008	Rate (in Rs.) 2008-2009
1	2	3	4	5
19.	<p>Lowering, laying and fixing in proper alignment and position all types of C.I. D/F angle type spring loaded pressure relief valves including cost of all material, labour, cost of conveyance from stores to site of work and giving satisfactory hydraulic testing, etc. complete. (For all class of valves.)</p> <p>i) 25 mm.</p> <p>ii) 40 mm.</p> <p>iii) 50 mm.</p> <p>iv) 80 mm.</p> <p>v) 100 mm.</p> <p>vi) 125 mm.</p> <p>vii) 150 mm.</p> <p>viii) 200 mm.</p> <p>ix) 250 mm.</p> <p>x) 300 mm.</p> <p>Note : Only 75% rate is payable till satisfactory hydraulic testing is given.</p>	No.	105.00	
		No.	139.00	
		No.	161.00	
		No.	194.00	
		No.	212.00	
		No.	236.00	
		No.	333.00	
		No.	363.00	
		No.	424.00	
		No.	484.00	

SECTION-I: PIPES APPURTENANCES

Sr. No.	Description	Unit	Rate (in Rs.) 2007-2008	Rate (in Rs.) 2008-2009
1	2	3	4	5
19.	<p>Lowering, laying and fixing in proper alignment and position all types of C.I. D/F angle type spring loaded pressure relief valves including cost of all material, labour, cost of conveyance from stores to site of work and giving satisfactory hydraulic testing, etc. complete. (For all class of valves.)</p> <p>i) 25 mm.</p> <p>ii) 40 mm.</p> <p>iii) 50 mm.</p> <p>iv) 80 mm.</p> <p>v) 100 mm.</p> <p>vi) 125 mm.</p> <p>vii) 150 mm.</p> <p>viii) 200 mm.</p> <p>ix) 250 mm.</p> <p>x) 300 mm.</p> <p>Note : Only 75% rate is payable till satisfactory hydraulic testing is given.</p>	<p>No.</p> <p>No.</p> <p>No.</p> <p>No.</p> <p>No.</p> <p>No.</p> <p>No.</p> <p>No.</p> <p>No.</p> <p>No.</p>	<p>105.00</p> <p>139.00</p> <p>161.00</p> <p>194.00</p> <p>212.00</p> <p>236.00</p> <p>333.00</p> <p>363.00</p> <p>424.00</p> <p>484.00</p>	

SECTION - I : PIPES APPURTENANCES

Sr. No.	Description	Unit	Rate (in Rs.) 2007-2008		Rate (in Rs.) 2008-2009	
1	2	3	4		5	
20.	<p>Cutting and champhering of pipes of following diameters including cost of all materials and labour involved, etc. complete as directed by Engineer-in-charge (for all class of pipes).</p> <p>i) 80 mm. ii) 100 mm. iii) 150 mm. iv) 200 mm. v) 250 mm.</p> <p>vi) 300 mm. vii) 350 mm. viii) 400 mm. ix) 450 mm. x) 500 mm.</p> <p>xi) 600 mm. xii) 700 mm. xiii) 750 mm. xiv) 800 mm.</p> <p>xv) 900 mm. xvi) 1000 mm.</p>	<p>One cut</p> <p>-"-</p> <p>-"-</p> <p>-"-</p> <p>-"-</p> <p>-"-</p> <p>-"-</p> <p>-"-</p> <p>-"-</p> <p>-"-</p> <p>-"-</p> <p>-"-</p> <p>-"-</p> <p>-"-</p> <p>-"-</p> <p>-"-</p>	<p>C.I. pipes</p> <p>18.00</p> <p>22.00</p> <p>33.00</p> <p>42.00</p> <p>61.00</p> <p>71.00</p> <p>73.00</p> <p>93.00</p> <p>108.00</p> <p>129.00</p> <p>157.00</p> <p>185.00</p> <p>221.00</p> <p>242.00</p> <p>266.00</p> <p>290.00</p>	<p>A.C. pipes</p> <p>7.00</p> <p>8.00</p> <p>13.00</p> <p>14.00</p> <p>21.00</p> <p>28.00</p> <p>35.00</p> <p>39.00</p> <p>42.00</p> <p>48.00</p> <p>55.00</p> <p>---</p> <p>---</p> <p>---</p> <p>---</p> <p>---</p>	<p>C.I. pipes</p> <p></p> <p></p> <p></p> <p></p> <p></p> <p></p> <p></p> <p></p> <p></p> <p></p> <p></p> <p></p> <p></p> <p></p> <p></p>	<p>A.C. pipes</p> <p></p> <p></p> <p></p> <p></p> <p></p> <p></p> <p></p> <p></p> <p></p> <p></p> <p></p> <p></p> <p></p> <p></p> <p></p>
21.	<p>Providing and supplying I.S.I. mark rubber gasket suitable for C.I. or D. I. pipe of all class for tyton joints including all taxes (Central and local) inspection charges, transportation to departmental stores / site, etc. complete.</p> <p>a) S.B.R. Gaskets for C. I. / DI Pipes</p> <p>i) 80 mm. ii) 100 mm. iii) 125 mm. iv) 150 mm. v) 200 mm.</p>	<p>No.</p> <p>No.</p> <p>No.</p> <p>No.</p> <p>No.</p>	<p>40.00</p> <p>50.00</p> <p>63.00</p> <p>68.00</p> <p>110.00</p>			

Sr. No.	Description	Unit	Rate (in Rs.) 2007-2008	Rate (in Rs.) 2008-2009
1	2	3	4	5
	vi) 250 mm.	No.	164.00	
	vii) 300 mm.	No.	198.00	
	viii) 350 mm.	No.	230.00	
	ix) 400 mm.	No.	391.00	
	x) 450 mm.	No.	425.00	
	xi) 500 mm.	No.	514.00	
	xii) 600 mm.	No.	634.00	
	xiii) 700 mm.	No.	930.00	
	xiv) 750 mm.	No.	1,088.00	
	xv) 800 mm.	No.	1,254.00	
	xvi) 900 mm.	No.	1,452.00	
	xvii) 1000 mm.	No.	1,716.00	
	b) Sealing 'O' Rings of SBR (for CID joints)			
	i) 80 mm.	Set	22.00	
	ii) 100 mm.	Set	26.00	
	iii) 125 mm.	Set	31.00	
	iv) 150 mm.	Set	36.00	
	v) 200 mm.	Set	46.00	
	vi) 250 mm.	Set.	56.00	
	vii) 300 mm.	Set.	66.00	
	viii) 350 mm.	Set.	102.00	
	ix) 400 mm.	Set.	116.00	
	x) 450 mm.	Set.	163.00	
	xi) 500 mm.	Set.	224.00	
	xii) 600 mm.	Set.	267.00	

Sr. No.	Description	Unit	Rate (in Rs.) 2007-2008	Rate (in Rs.) 2008-2009
1	2	3	4	5
22.	<p>c) Flat Flanged Gaskets moulded out of SBR (For Flanged Joints)</p> <p>i) 80 mm. ii) 100 mm. iii) 125 mm. iv) 150 mm.</p> <p>v) 200 mm. vi) 250 mm. vii) 300 mm. viii) 350 mm.</p> <p>v) 400 mm. vi) 450 mm. vii) 500 mm. viii) 600 mm.</p> <p>Providing and fixing in position and jointing high performance C. I. Air valves for water combination type (Kinetic air valve along with automatic air valves) double ball, double orifice with stainless steel ball, tamper proof air vents rolling seal mechanism for air release and anti vacuum application designed for 16 Kg. Per sq. cm. working pressure and tested for 20 for kg per sq. cm. pressure. (Rate to include cost of gaskets, bolt, nut and any other material required for jointing and its transportation etc. including all taxes and duties except octroi)</p> <p>1. C. I. ARV FLFF PN 16 50mm Dia. 2. C. I. ARV FLFF PN 16 80mm Dia. 3. C. I. ARV FLFF PN 16 100mm Dia. 4. C. I. ARV FLFF PN 16 150mm Dia. 5. C. I. ARV FLFF PN 16 200mm Dia.</p>	<p>No. No. No. No.</p> <p>No. No. No. No.</p> <p>No. No. No. No.</p> <p>No. No. No. No.</p> <p>No. No. No. No.</p>	<p>43.00 57.00 67.00 92.00</p> <p>116.00 159.00 170.00 206.00</p> <p>255.00 260.00 321.00 435.00</p> <p>8,628.00 11,988.00 19,298.00 32,274.00 39,123.00</p>	