

**AHMEDABAD MUNICIPAL CORPORATION****CENTRAL ZONE**

**Name of work: Manufacturing ,Supplying and Fixing 900 mm dia Size Kinfe Edge Gate Valve for 900 mm dia SWD Other Civil Works in Diff. places at Sabarmati River Front in Central zone AMC.**

Sr. No.	Qty.	Items	Rate Rs.Ps.	per	Amount Rs.Ps.
1		Job Work of providing, fabricating, and fixing SS Flange tail pieces set of for following dia RCC pipe for fixing of knief Edge Gate Valve with using Grouting materials . Rate to include arranging, transporting, fabricating in SS Sheet flats and Flange with grouting in RCC pipe anchoring them in RCC pipe by anchor bolts and filling the pipe by rich cement mortar mixed with chemicals, etc. complete.			
(i)	0.00	for 300 mm dia	43996.00	Nos.	0.00
(ii)	0.00	for 450 mm dia	61088.00	Nos.	0.00
(iii)	0.00	for 600 mm dia	87718.00	Nos.	0.00
(iv)	1.0	for 900 mm dia	134105.00	Nos.	134105.00
(v)	0.0	for 1200 mm dia	154662.00	Nos.	0.00
(vi)	0.0	for 1400 mm dia	163570.00	Nos.	0.00
(vii)	0.0	for 1600 mm dia	179688.00	Nos.	0.00
(viii)	0.0	for 1800 mm dia	228613.00	Nos.	0.00
(ix)	0.0	for 2000 mm dia	248248.00	Nos.	0.00
2		Job Work of providing, fabricating, and fixing SS Flange Body type knief Edge Gate Valve of following dia (Inside) . Rate to include arranging, transporting, fabricating, laser cutting, plasma cutting, Molding, machining, Drilling in SS Sheet, flats ,SS Ring ,Flange with rubber lining and Nut bolts etc. complete.			
(i)	0.00	for 300 mm dia	101138.00	Nos.	0.00
(ii)	0.00	for 450 mm dia	132737.00	Nos.	0.00
(iii)	0.00	for 600 mm dia	173438.00	Nos.	0.00
(iv)	1.0	for 900 mm dia	258548.00	Nos.	258548.00
(v)	0.0	for 1200 mm dia	302328.00	Nos.	0.00
(vi)	0.0	for 1400 mm dia	338952.00	Nos.	0.00
(vii)	0.0	for 1600 mm dia	376310.00	Nos.	0.00
(viii)	0.0	for 1800 mm dia	517063.00	Nos.	0.00
(ix)	0.0	for 2000 mm dia	576943.00	Nos.	0.00
3		Job Work of providing, fabricating, and fixing SS supports, floor and railings on top of the gate frame to enable the fixing of gearbox, SS frame top ends to be bound with the floor structure of the gear box. Rate to include providing the SS sheets, flats to fabricate the top head stock supporting structure, spindle cover pipe and fixing the top plates by bolts in such a manner that it can be opened easily for future maintenance at site, etc. complete.			
(i)	0.00	for 300 mm dia	20597.00	Nos.	0.00
(ii)	0.00	for 450 mm dia	24013.00	Nos.	0.00
(iii)	0.00	for 600 mm dia	29144.00	Nos.	0.00
(iv)	1.0	for 900 mm dia	32686.00	Nos.	32686.00
(v)	0.0	for 1200 mm dia	43018.00	Nos.	0.00
(vi)	0.0	for 1400 mm dia	48357.00	Nos.	0.00
(vii)	0.0	for 1600 mm dia	53872.00	Nos.	0.00

(viii)	0.0	for 1800 mm dia	73208.00	Nos.	0.00
(ix)	0.0	for 2000 mm dia	82972.00	Nos.	0.00
4		Job Work of providing, turning, fabricating and fixing SS spindle connecting the gear box and barrier and head stock of gearbox on top of the gate. Rate to include providing the SS spindle rod, turning it for the recommended pitch length of teeth, casting the gears from SG grade steel, turning the warm gears ,cutting teeth in to round gear, turning the hole on round gear exactly to match the outer teeth of the spindle, fixing all assembly to form the gear box with housings and bearings, thrust bearing on top and bottom of round gear fixed between SS plates, covering the gear box sides also in by SS plates .fabrication of head stock by plates and pipe to form the standing structure of rotation height required, fixing all on platform, etc. complete.			
(i)	0.00	for 300 mm dia	40009.00	Nos.	0.00
(ii)	0.00	for 450 mm dia	47670.00	Nos.	0.00
(iii)	0.00	for 600 mm dia	53535.00	Nos.	0.00
(iv)	1.0	for 900 mm dia	67677.00	Nos.	67677.00
(v)	0.0	for 1200 mm dia	70642.00	Nos.	0.00
(vi)	0.0	for 1400 mm dia	78536.00	Nos.	0.00
(vii)	0.0	for 1600 mm dia	87087.00	Nos.	0.00
(viii)	0.0	for 1800 mm dia	97531.00	Nos.	0.00
(ix)	0.0	for 2000 mm dia	111041.00	Nos.	0.00
5	0.00	Job Work of providing and fixing 150 NM torque ,36 RPM , ON -OFF type 415 V,50 Hz, AC Three Phase Multi turn Electrical Actuator with enclosure water tight IP 67 , continuous position indicator with limit switches etc. complete.(AMC Approved Rate )	138025.00	Nos	0.00
6		Constructing Valve Chamber / penal Room on following dia SWD line (inside clear)including excavation, refilling, plain cement concrete (1:4:8) for foundation, Pre cast /situ to cast RCC M-30 , 20 mm thick inside cement plaster, PVC foot steps, brick masonry in C.M. (1:5), including cost of manhole cover and RCC slab in RCC M-20 etc complete.			
(i)	0.0	for 2000 mm dia,1800 mm dia,1600 mm dia	139392.00	Nos.	0.00
(ii)	1.0	for 1400 mm dia ,1200 mm dia, 900 mm dia	105653.00	Nos.	105653.00
(iii)	0.0	for 600 mm dia ,450 mm dia,300 mm dia	76032.00	Nos.	0.00
7		providing and fixing pakka dummy in following dia RCC pipe line with using MS plate ,MS garder ,sand bags, Diversion pipe, plug ,Brick work, as per required and removing same after completion work etc comp.Do As Directed.			
(i)	0.0	for 2000 mm dia,1800 mm dia,1600 mm dia	79200.00	Nos.	0.00
(ii)	2.0	for 1400 mm dia ,1200 mm dia, 900 mm dia	52800.00	Nos.	105600.00
(iii)	0.0	for 600 mm dia ,450 mm dia,300 mm dia	30800.00	Nos.	0.00
8		Providing and casting in situ Controlled Cement Concrete (with ordinary portland cement) M-25 for Well curbs including necessary shuttering, laying, vibrating and curing complete.			
(i)	2.00	Flat Top/Bottam Slab with shuttering	8077.00	m3	16154.00
(ii)	2.00	vertical wall above 25 cm	7936.00	m3	15872.00

9		Providing Labour for Mice. Work for Breakdown work related job including required tools etc.comp.			
(i)	24.00	Unskilled Labour for 8 Hrs Shift	640.00	Shift	15360.00
(ii)	4.00	Skilled Labour for 8 Hrs Shift	656.00	Shift	2624.00
10	50.00	Conveyance charge of earth, lime, murrum, building ,rubbish, manual garbage, sludge, excavated rock, fly ash,aggregate of any kind etc. complete. Upto 5.0 Km lead.	124.00	m3	6200.00
11	50.00	ReFilling available excavated earth (excluding rock) in trenches, plinth, sides of foundations etc. in layers not exceeding 20 cm in depth consolidation each deposited layer by ramming and watering.	22.00	m3	1100.00
12	10.00	Barricating the entire break down or excavated area on rental basis using wooden ballies/MS angles at max 2.00 mt center to center ,G I sheet, reflective paint board out side to avoid accident and for smooth traffic diversion and The same shall be removed after completion of work.	1056.00	Rmt	10560.00
13	2.00	Hiring Charge for JCB machine bring for excavation of the break down pit and loading the excavated soil for shifting another place or misce.work etc.complete. as directed.rate for 8 Hrs working in Day.	6412.47	Shift	12824.94
14	1.00	Hiring charges of heavy 12 Tonne capacity Hydro machine for lifting the Any Matrials when required any time. rate for 8 Hrs working in Day.	3334.49	Day	3334.49
15	6.00	Hiring and operating the Tractor for Earth work and other requirements with Arranging fule Set Do As Directed. 8 Hrs working in Day.	2104.09	Day	12624.54
16		Hiring and operating following capacity Mud Pumps incl. Cost of fuel and operator including the cost of to and fro transportation, laying of the delivery hoses as required, lowering and lifting the pumps as and when required etc. complete. Set Do As Directed.for 8 Hrs Shift			
(i)	4.00	5 HP	1056.00	Shift	4224.00
(ii)	0.00	10 HP	1496.00	Shift	0.00
(iii)	0.00	20 HP	2232.00	Shift	0.00
17		Hiring and operating the Following capacity 3 Phase Electric Generator for operating machinery, and lighting and other requirements with Arranging diesel to run the D.G. Set Do As Directed. 8 Hrs Shift.			
(i)	10.00	10 KVA	2464.00	Shift	24640.00
(ii)	0.00	20 KVA	2816.00	Shift	0.00
(iii)	0.00	40 KVA	4018.00	Shift	0.00
18	10.00	Hiring and operating the electric Breaker Machine for Dismantaling work for removing damage manhole and other requirements with Arranging cable Set Do As Directed.	880.00	Shift	8800.00
19	6.00	Providing lighting arrangement for doing work at night time.	132.00	Nos	792.00
<b>Total Rs :</b>					<b>839378.97</b>