

C.S. for NIQ-1/2019-20 (Group-B).
Supply of Sluice gate materials etc. of different size required in Flow Irrigation scheme

Called Vide No. SEMI / T / 2 / Pt-VIII / 2009 / 150 Dt. 03.10.19

Sl. No	Specification of items	Unit	Lowest Approved Rate in Rs./Unit
1.	M.S. Fabricated Flat with drilled hole of 8mm dia at a distance 100mm apart for fitting fixing of rubber seal. a) 25 mm × 5mm/6 mm	RM.	380.00
	b) 40 mm × 5 mm / 6 mm	RM.	580.00
	c) 50 mm × 5 mm/ 6 mm	RM.	680.00
2.	M.S. Fabricated Flat with drilled hole of 10 mm dia at a distance of 150 mm apart for fitting fixing of rubber seal. a) 40 mm × 5 mm/ 6 mm	RM.	490.00
	b) 50 mm × 5 mm/ 6 mm	RM.	695.00
3.	C.I. Machined guide roller with drilled hole at the centre to accommodate roller shaft of 20mm dia of following specification - a) Collar dia 150 mm × Collar thickness 50 mm & Effective dia 70 mm × Effective length 125 mm	Each.	3700.00
	b) Collar dia 130 mm × Collar thickness 35 mm & Effective dia 70 mm × Effective length 90 mm	Each	3300.00
	c) Collar dia 100 mm × Collar thickness 30 mm & Effective dia 60 mm × Effective length 60 mm	Each.	3050.00
4.	Roller Guide Pin both half threaded with nuts and washer of - a) 275 mm(L) × 20 mm dia	Each.	400.00
	b) 230 mm(L) × 20 mm dia	Each.	420.00
	c) 180 mm(L) × 16 mm dia	Each.	315.00
	d) 180 mm(L) × 12 mm dia	Each.	295.00
5.	M.S. Screw shaft with 2(two) T.P.I. Square thread throughout the length excluding lower part of length 0.3 mtr. with a hole of 16 mm dia at a distance of 75mm from the bottom of unthreaded portion and square shaped at the top for fitting fixing of operating wheel/C.I. Boss of the shaft as directed - a) 40 mm dia	RM.	7000.00
	b) 50 mm dia	RM.	7600.00
	c) 63 mm dia	RM.	9200.00
	d) 75 mm dia	RM.	13000.00
6.	M.S. Screw shaft lock pin	Each.	460.00
7.	G.I. Thimble, 19 mm dia	Each.	280.00
8.	Fabricated M.S. Guide Roller bracket made of 12 mm thick 70 mm width, 175 mm length M.S. Plate to accommodate G.I. Roller of size a) 150 mm dia × 175 mm L	Each.	2500.00
	b) 130 mm dia × 125 mm L	Each.	1890.00
	c) 100 mm dia × 120 mm L	Each.	1300.00
9.	M.S. Fabricated separator stud with lock nut washer etc. a) 300 mm long × 20 mm dia	Each.	800.00
	b) 250 mm long × 16 mm dia	Each.	750.00
	c) 200 mm long × 16 mm dia	Each.	735.00

10.	C.I. Machined Boss having 2(two) T.P.I. Square internal thread to accommodate screw shafts of different size with provision for grooves for placing the bearing, insertion of lock plate and with 4 holes 25 mm/ 20 mm dia for fitting of handle of specification a) 220 mm long × 175 mm dia for 75 mm dia shaft	Each.	12000.00
	b) 200 mm long × 150 mm dia for 63 mm dia shaft	Each.	8100.00
	c) 160 mm long × 130 mm dia for 50 mm dia shaft	Each.	7000.00
	d) 150 mm long × 100 mm dia for 40 mm dia shaft	Each.	6500.00
11.	Fabricated G.I. pipe(MD) handle threaded both end of size :- a) 20 mm dia × 750 mm long	Each.	1300.00
	b) 25 mm dia × 1000 mm long	Each.	1400.00
12.	Fabricated G.I. Pipe handle wheel made of 20mm/25mm dia G.I. Pipe for operation of the C.I. Boss suitable for following size of boss :- a) 175 mm dia of 25 mm dia G.I. pipe	Each.	1575.00
	b) 150 mm dia of 25 mm dia G.I. pipe	Each.	1420.00
	c) 130 mm dia of 20 mm dia G.I. pipe	Each.	1400.00
	d) 100 mm dia of 20 mm dia G.I. pipe	Each.	1200.00
13.	Fabricated M.S. Split lock plate(in two halves), with drilled holes at the four corners to accommodate different size of C.I. Boss a) 300 mm × 300 mm × 10 mm	Each.	3900.00
	b) 250 mm × 250 mm × 8 mm	Each.	3200.00
14.	Heavy duty thrust bearing for : a) 40 mm dia shaft	Each.	1575.00
	b) 50 mm dia shaft	Each.	1700.00
	c) 63 mm dia shaft	Each.	2100.00
	d) 75 mm dia shaft	Each.	2500.00
15.	Fabricated M.S. Tool plate with drilled holes at four corners of size (L × B × T) a) 300 × 300 × 20 mm	Each.	4500.00
	b) 300 × 300 × 12 mm	Each.	3300.00
	c) 300 × 300 × 10 mm	Each.	3000.00
	d) 250 × 250 × 10 mm	Each.	2400.00
16.	Fabricated M.S. Base plate with drilled holes at the four corners of size :- a) 600 × 600 × 10 mm	Each.	7000.00
	b) 500 × 500 × 10 mm	Each.	6400.00
17.	Fabricated M.S. 4 legged Tool post made of 75 × 75 × 5 mm M.S. Angle a) 1000 mm height	Each.	7500.00
	b) 750 mm height	Each.	6000.00
18.	Pulley pin(both end threaded) with lock nut of size : 250 mm long × 25 mm dia	Each.	600.00
19.	C.I. Single grooved Pulley, (H/D) of size :- a) 300 mm dia	Each.	2700.00
	b) 250 mm dia	Each.	2100.00
	c) 200 mm dia	Each.	1600.00

20.	MS Fabricated Pulley stand made of M.S. Channel of size 150x100x6 mm with drilled M.S. Plate welded for Pulley pin complete of height a) 250 mm	Each.	460.00
	b) 200 mm	Each.	420.00
21.	C.I. Slotted counter weight made of B.O. Cast iron free from blow holes with provision to accommodate centre bolt of size 20 mm dia complete of size (D × T) a) 350 mm × 40 mm (Approx. Wt. 30Kg.)	Each.	7800.00
	b) 350 mm × 25 mm (Approx. Wt. 19Kg.)	Each.	5800.00
	c) 300 mm × 25 mm (Approx. Wt. 14Kg.)	Each.	4200.00
	d) 250 mm × 25 mm (Approx. Wt. 9.2Kg.)	Each.	3200.00
22.	M.S. Fabricated hanger for hanging counter weight with a hook at the top and 20 mm thick M.S. Plate welded at the bottom of size:- a) 400 mm × 20 mm dia	Each.	2100.00
	b) 350 mm × 20 mm dia	Each.	2100.00
	c) 300 mm × 20 mm dia	Each.	2000.00
23.	Flat type rubber seal of size :- a) 175 mm	RM.	1260.00
	b) 150 mm	RM.	1000.00
	c) 125 mm	RM.	700.00
	d) 75 mm	RM.	450.00
24.	'J' type rubber seal of size :- a) 75 mm	RM.	500.00
	b) 125 mm	RM.	800.00
25.	'J' type rubber seal corner of size :- a) 75 mm	RM.	300.00
	b) 125 mm	RM.	500.00
26.	Rubber Bostic (100 gm Pkt.)	Pkt.	300.00
27	M.S. Nuts and bolts (full threaded) 6 mm dia × 50 mm L	Kg.	170.00

Approved by the Additional Chief Engineer
(Mechanical), Irrigation, Assam
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GST Extra as applicable.

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