

**(A) Technical Specification of 6"(150 mm)dia. x 0.75 mm Slot stainless Steel Strainer with 45 degree bevel welded end rings suitable for deep water well construction.**

**Item Description:** stainless Steel 6"(150 mm) dia. x 0.75 mm slot size regular Grade ERW Stainless Steel Cage Type V-wire wound screen as per IS :8110-95 and material specifications as per AISI type 304, Grade SS -304 suitable for water well construction.

**( 6 m length : 20 Nos (120 m) ; 3m length:15nos (45m)**

**i) Broad Technical Specification:**

SI No.	Description	Tender specification/Bid requirement	Offered specification
1	Screen Size	150 mm (6" Dia)	
2	Internal Dia	152.5 mm	
3	Outer Dia	162.6 mm	
4	Height of Profile Wire	2.57 mm	
5	Screen Thickness	5.15 mm	
6	Diameter of support Rod	3.20 mm	
7	Tensile Load	14.18 MT	
8	Collapse Strength (Kg/Cm2)	9.12 Kg/cm2	
9	Weld Joint Strength (Kgf)	124.0 kgf	
10	% of Open Area	25%	
11	Welded End Ring Length	100 mm	
12	Welded End Ring Thickness	7.1 mm	
13	Plain end connection	Plain beveled ends for butt welding	
14	Size of Slot	0.75 mm	
15	Type of Welding	ERW	
16	Type of Wire	Trapezoidal	
17	IS	8110-95	
18	Material specification	As per AISI, Type 304, Grade SS 304	

ii) **Estimated cost : ₹ 15,00,000/- ( Rupees fiteen lakh only)**