



Item NO.	Part name	0.5" sch40	Material	Weight	QTY.	weight
1	Top base	2 mm thk.	AISI 304	0.48	4	1.92
2	Main column-L	2 mm thk.	AISI 304	6.31	2	12.62
3	Main column-M	2 mm thk.	AISI 304	0.62	2	1.24
4	Column-UPN	3 mm thk.	AISI 304	0.59	2	1.18
5	clmn-L	2 mm thk.	AISI 304	0.12	2	0.24
6	Clamp	3 mm thk.	AISI 304	0.07	60	4.2
7	Clamp Bolting	M8*35	AISI 304		30	0
8	Column Bolting-M10x80	M10x80	AISI 304		18	0
9	CollectorPipe-Left	1" sch40	AISI 316 (SS)	2.0	3	6
10	Collector end cap	1" sch40	AISI 316 (SS)	0.1	1	0.1
11	90deg Sr inch elbow	1" sch40	AISI 316 (SS)	0.10	5	0.5
12	REDUCER 1 x 0.5 SCH 40	sch 40	AISI 316 (SS)	0.10	5	0.5
13	Close Nipple 0.5 in, Sch 80	0.5" sch80	AISI 316 (SS)	0.012	7	0.084
14	Riser Pipe-Left-1	0.5" sch40	AISI 316 (SS)	2.4	8	19.2
15	Nipple-0.5-sch40	0.5" sch40	AISI 316 (SS)	0.0	17	0
16	universal-joint-0.5-sch.40	0.5" sch40	AISI 316 (SS)	0.1	17	1.7
17	Nozzle		AISI 316 (SS)	0.0	143	0
18	90L LR Metric 0.5 Sch 40	0.5" sch40	AISI 316 (SS)	0.08	1	0.08
19	solenoid valve0.5	0.5"-80 Bar	AISI 316 (SS)	0.6	4	2.4
20	Riser Pipe-Left-2	0.5" sch40	AISI 316 (SS)	2.3	7	16.1
21	end cap 0.5	0.5" sch40	AISI 316 (SS)	0.0	14	0
22	Straight tee-0.5	0.5" sch40	AISI 316 (SS)	0.08	1	0.08
23	Threaded Reducer	0.5"-0.375	AISI 316 (SS)	0.06	1	0.06
24	Hex nipple-0.375-conical	0.5" #2000	AISI 316 (SS)	0.05	1	0.05
25	Hex nipple-0.5-conical	0.5" #2000	AISI 316 (SS)	0.09	4	0.36
26	CLASS 3000 COUPLING, .50 IN	0.5" #3000	AISI 316 (SS)	0.13	2	0.26

0	For Approval	E.Beygi	E.Beygi	D.Deighani	D.Deighani	26/12/2018
REV	DESCRIPTION	DESIGN	DRAWN	CHECKED	APPROVED	DATE

EMPLOYER:
**REGIONAL MINISTRY OF ELECTRICITY
IN KURDISTAN**

CONSULTANT:
ELECTROCONSULT

PROJECT : **DERALOK HYDROPOWER PLANT CONSTRUCTION
PROJECT-IQ-P15 Pkg 2**

CONTRACTOR: FARAB & Boland Payeh J.V	SUB-CONTRACTOR/VENDOR:
Farab International FZE	Centigrade Ind. Inc

FAB DWG. NO.: H42-2-00-MA-P-20-DWG-109	SUB-CONTRACTOR DWG. NO. : Cii97-81003-NB-DWG-02
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EMPLOYER DWG. NO. : **DLK-D-FAB-10909-MEC-C-R00**

TITLE : **General Assembly and material Weight
for Left Shaft Nozzle Bank**

SCALE:	SIZE: A3	SHEET: 1/1	CONTRACT NO. : IQ-P15/Pkg2	REV: 00
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IN-HOUSE REV.						
1						
0	For Approval	E.Beygi	E.Beygi	D.Deighani	D.Deighani	26/12/2018
REV	DESCRIPTION	DESIGN	DRAWN	CHECKED	APPROVED	DATE