

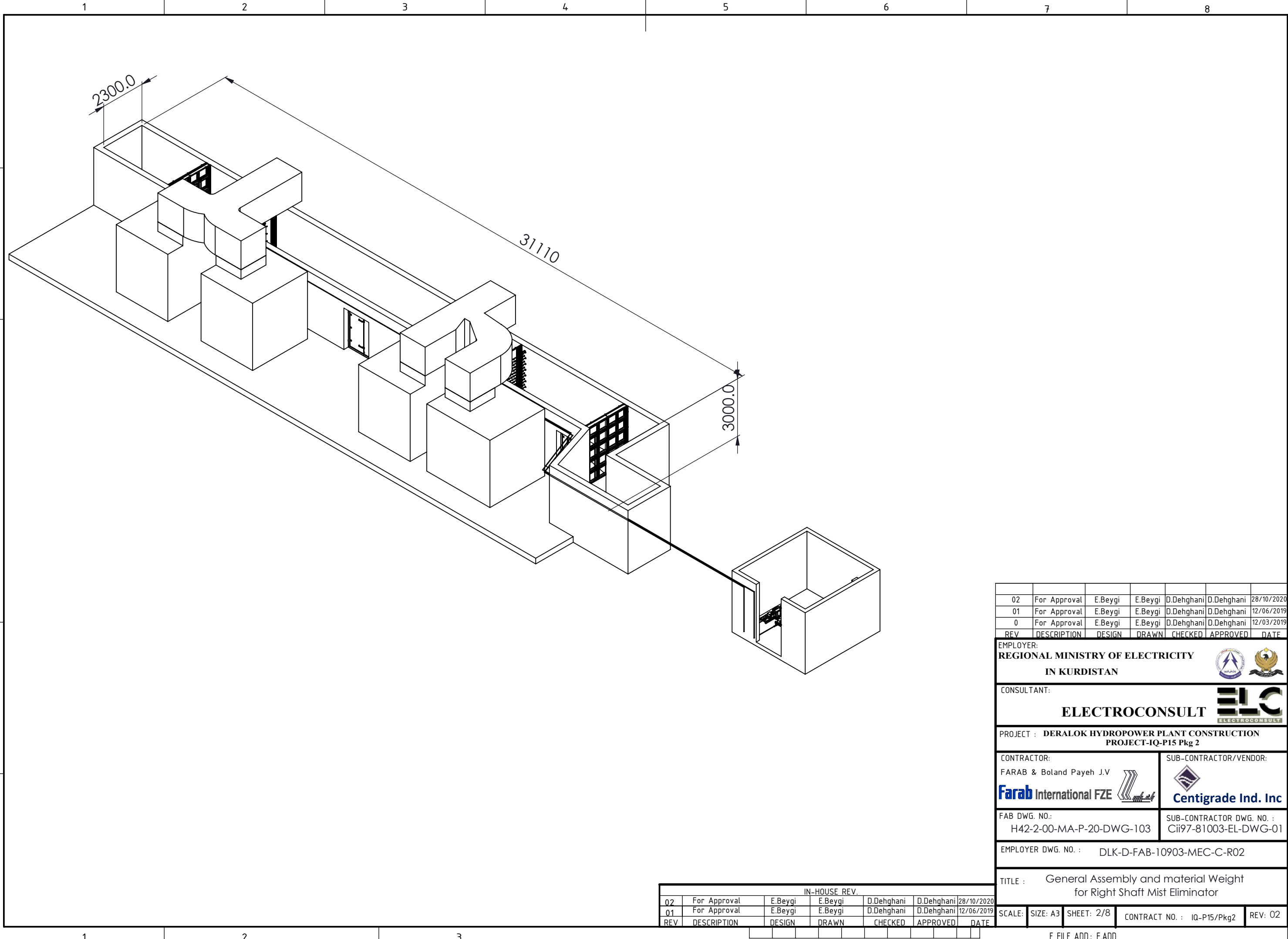


PART LIST FOR "ONE UNIT" 3 way Air Duct						
Item NO.	Part name	Description	Material	Weight	QTY.	T.Weight
1	Assem-masonry1				1	0
2	Right shaft-Nozzle bank				1	0
3	Left shaft-Nozzle bank				1	0
4	Right shaft- Pump unit				1	0
5	Left shaft- Pump unit				1	0
6	Right shaft -Access door				1	0
7	Left shaft -Access door				1	0
8	Left shaft- Air baffle (Louver)				1	0
9	Right shaft- Air baffle(Louver)				1	0
10	Mist Eliminator				2	0
11	Fog nozzle room				1	0
12	Control panel				1	0
13	Right shaft-Piping (As a loose part)	1/2" sch.40	AISI 316		1	0
14	Right shaft-Piping (As a loose part)	1/2" sch.40	AISI 316		1	0
15	Main inspection door				1	0

02	For Approval	E.Beygi	E.Beygi	D.Deoghani	D.Deoghani	28/10/2020
01	For Approval	E.Beygi	E.Beygi	D.Deoghani	D.Deoghani	12/06/2019
0	For Approval	E.Beygi	E.Beygi	D.Deoghani	D.Deoghani	12/03/2019
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 Farab International FZE				SUB-CONTRACTOR/VENDOR:  Centigrade Ind. Inc		
FAB DWG. NO.: H42-2-00-MA-P-20-DWG-103				SUB-CONTRACTOR DWG. NO. : Cii97-81003-EL-DWG-01		
EMPLOYER DWG. NO. : DLK-D-FAB-10903-MEC-C-R02						
TITLE : General Assembly and material Weight for Right Shaft Mist Eliminator						
SCALE:	SIZE: A3	SHEET: 1/8	CONTRACT NO. : IQ-P15/Pkg2		REV: 02	



02	For Approval	E.Beygi	E.Beygi	D.Deighani	D.Deighani	28/10/2020
01	For Approval	E.Beygi	E.Beygi	D.Deighani	D.Deighani	12/06/2019
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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:

Centigrade Ind. Inc

FAB DWG. NO.:
H42-2-00-MA-P-20-DWG-103

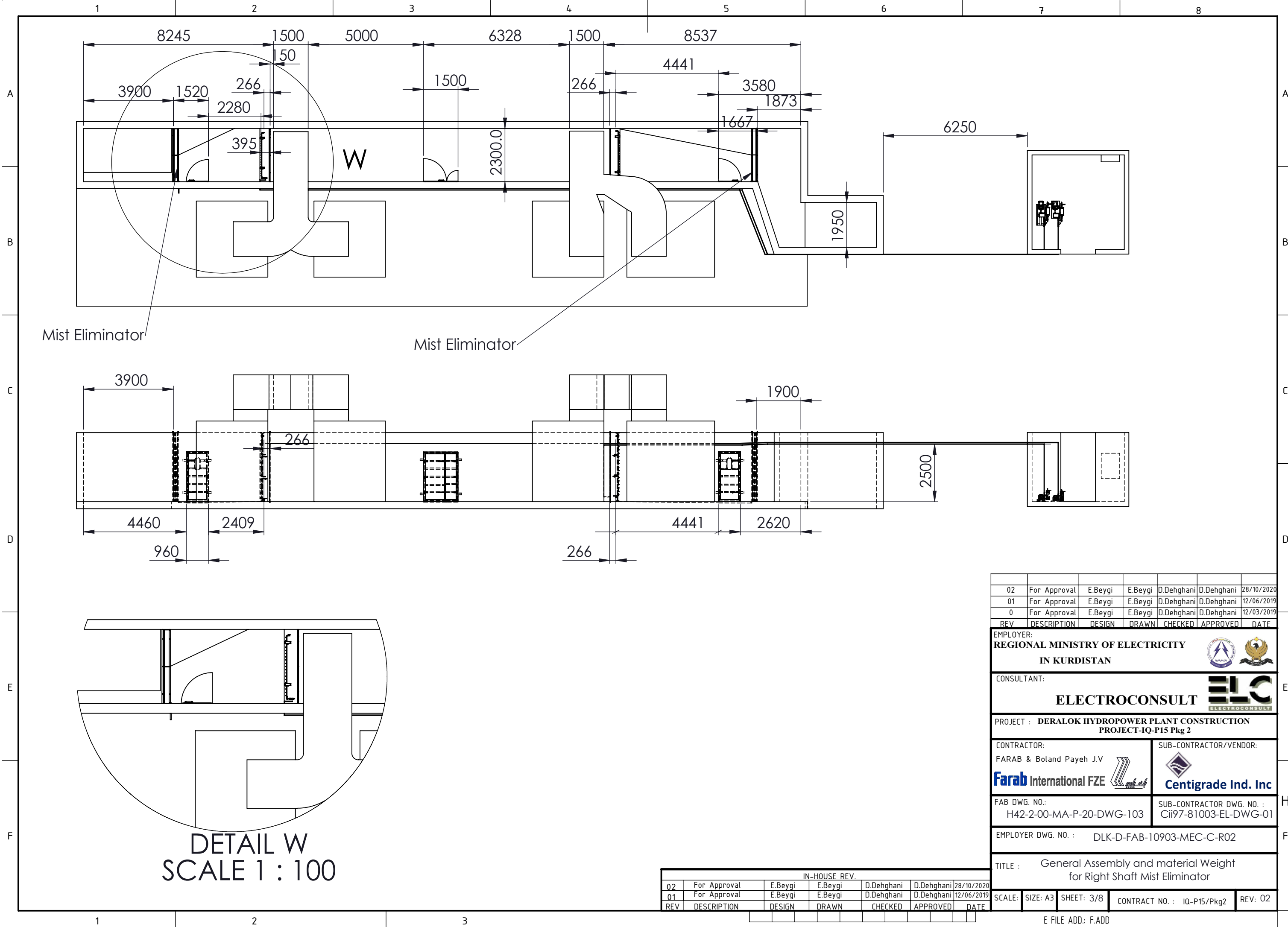
SUB-CONTRACTOR DWG. NO. :
Cii97-81003-EL-DWG-01

EMPLOYER DWG. NO. :
DLK-D-FAB-10903-MEC-C-R02

TITLE :
General Assembly and material Weight
for Right Shaft Mist Eliminator

IN-HOUSE REV.						
02	For Approval	E.Beygi	E.Beygi	D.Deighani	D.Deighani	28/10/2020
01	For Approval	E.Beygi	E.Beygi	D.Deighani	D.Deighani	12/06/2019
REV	DESCRIPTION	DESIGN	DRAWN	CHECKED	APPROVED	DATE

SCALE: SIZE: A3 SHEET: 2/8 CONTRACT NO. : IQ-P15/Pkg2 REV: 02



02	For Approval	E.Beygi	E.Beygi	D.Deighani	D.Deighani	28/10/2020
01	For Approval	E.Beygi	E.Beygi	D.Deighani	D.Deighani	12/06/2019
0	For Approval	E.Beygi	E.Beygi	D.Deighani	D.Deighani	12/03/2019
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
Farab International FZE

SUB-CONTRACTOR/VENDOR:
Centigrade Ind. Inc

FAB DWG. NO.:
H42-2-00-MA-P-20-DWG-103

SUB-CONTRACTOR DWG. NO. :
Cii97-81003-EL-DWG-01

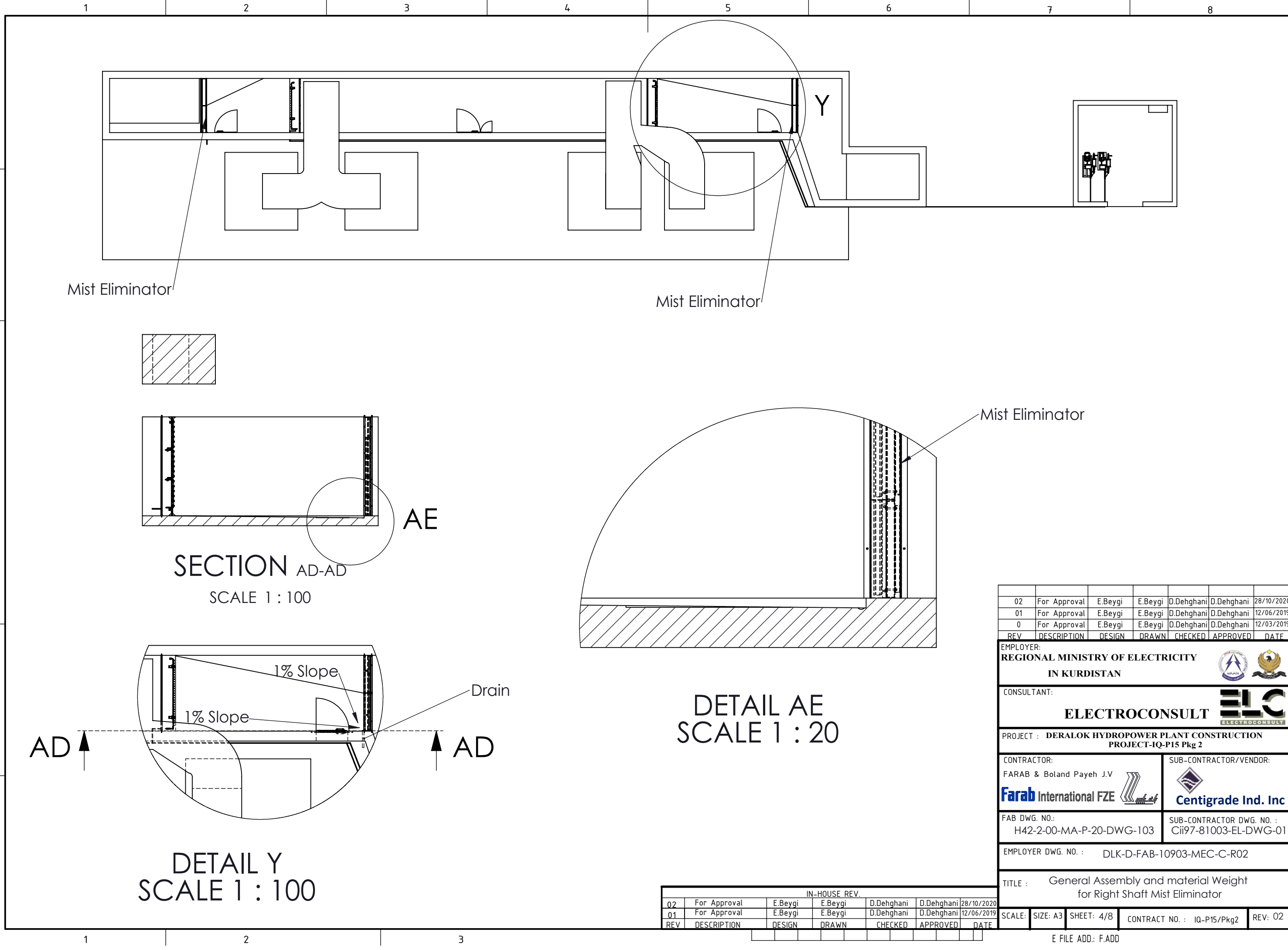
EMPLOYER DWG. NO. :
DLK-D-FAB-10903-MEC-C-R02

TITLE :
General Assembly and material Weight
for Right Shaft Mist Eliminator

02	For Approval	E.Beygi	E.Beygi	D.Deighani	D.Deighani	28/10/2020
01	For Approval	E.Beygi	E.Beygi	D.Deighani	D.Deighani	12/06/2019
REV	DESCRIPTION	DESIGN	DRAWN	CHECKED	APPROVED	DATE

SCALE: SIZE: A3 SHEET: 3/8 CONTRACT NO. : IQ-P15/Pkg2 REV: 02

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02	For Approval	E.Beygi	E.Beygi	D.Deighani	D.Deighani	28/10/2020
01	For Approval	E.Beygi	E.Beygi	D.Deighani	D.Deighani	12/06/2019
0	For Approval	E.Beygi	E.Beygi	D.Deighani	D.Deighani	12/03/2019
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
Farab International FZE

SUB-CONTRACTOR/VENDOR:
Centigrade Ind. Inc

FAB DWG. NO.:
H42-2-00-MA-P-20-DWG-103

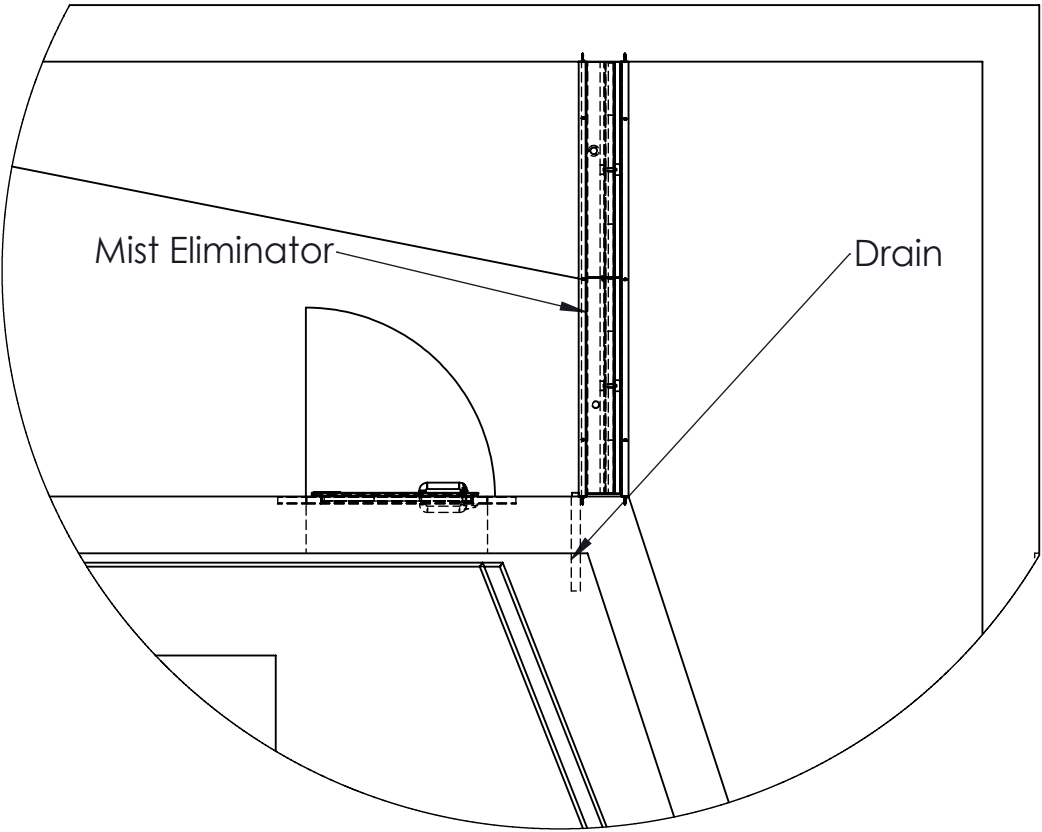
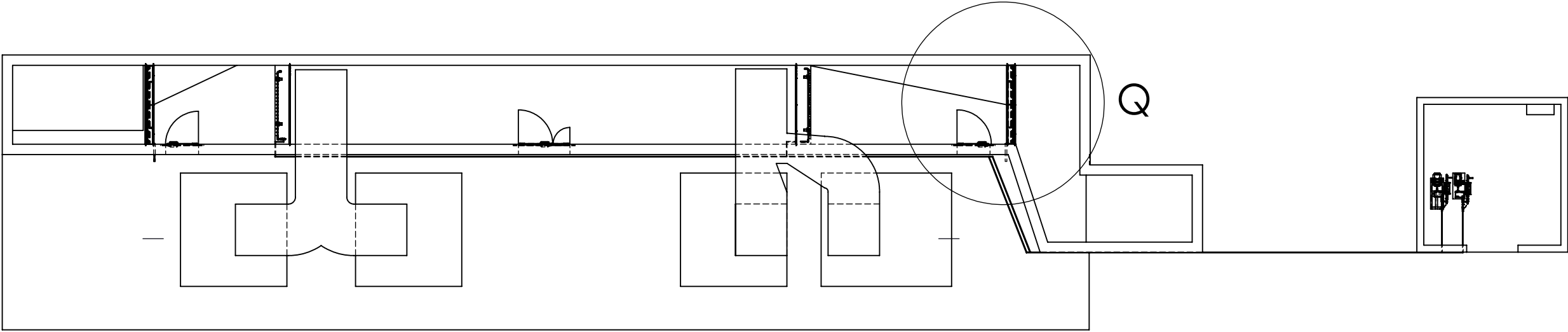
SUB-CONTRACTOR DWG. NO. :
Cii97-81003-EL-DWG-01

EMPLOYER DWG. NO. :
DLK-D-FAB-10903-MEC-C-R02

TITLE :
**General Assembly and material Weight
for Right Shaft Mist Eliminator**

IN-HOUSE REV.						
02	For Approval	E.Beygi	E.Beygi	D.Deighani	D.Deighani	28/10/2020
01	For Approval	E.Beygi	E.Beygi	D.Deighani	D.Deighani	12/06/2019
REV	DESCRIPTION	DESIGN	DRAWN	CHECKED	APPROVED	DATE

SCALE: SIZE: A3 SHEET: 4/8 CONTRACT NO. : IQ-P15/Pkg2 REV: 02



DETAIL Q
SCALE 1 : 40

02	For Approval	E.Beygi	E.Beygi	D.Deoghani	D.Deoghani	28/10/2020
01	For Approval	E.Beygi	E.Beygi	D.Deoghani	D.Deoghani	12/06/2019
0	For Approval	E.Beygi	E.Beygi	D.Deoghani	D.Deoghani	12/03/2019
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:	SUB-CONTRACTOR/VENDOR:
FARAB & Boland Payeh J.V	
Farab International FZE	Centigrade Ind. Inc

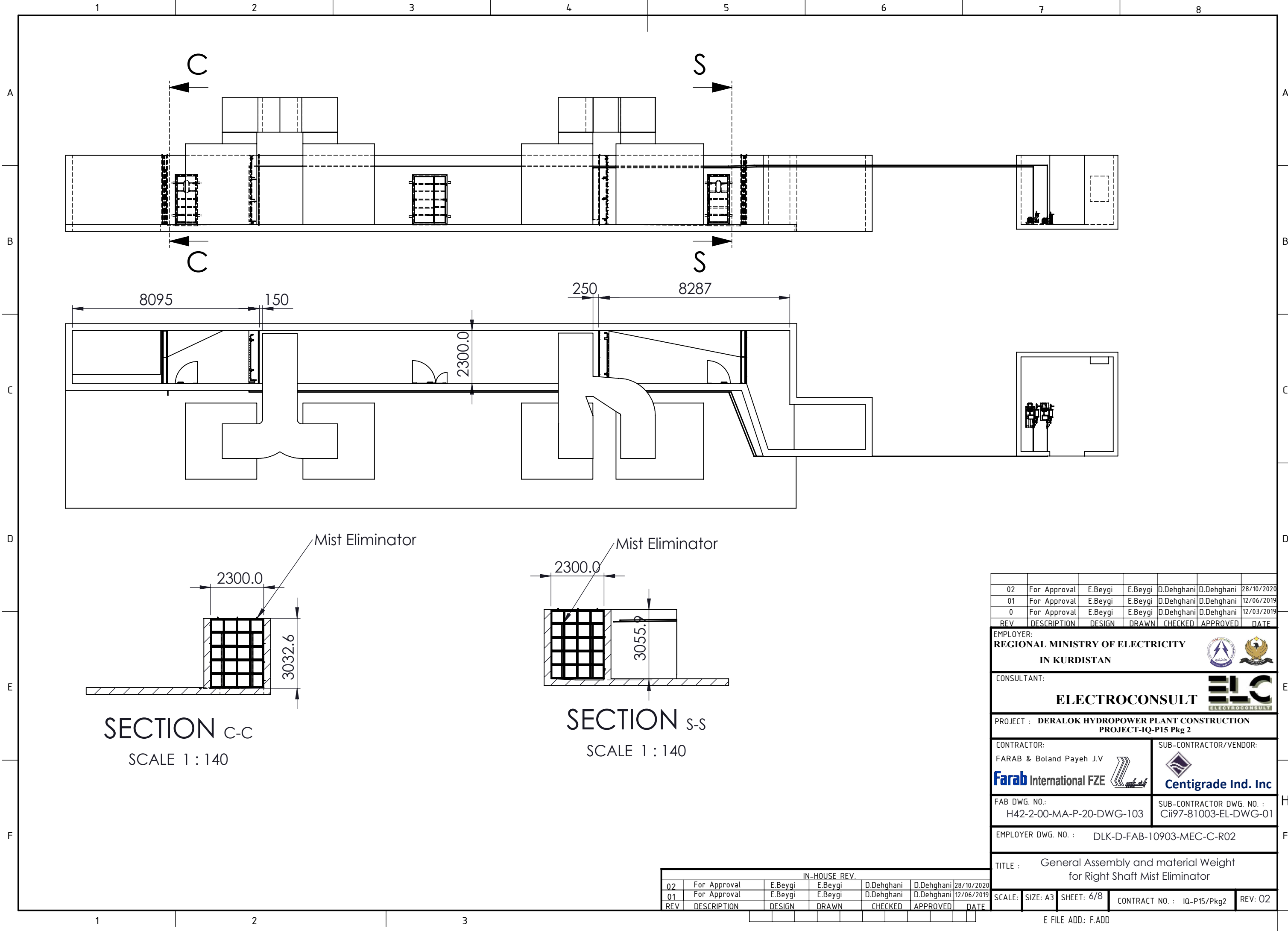
FAB DWG. NO.:	SUB-CONTRACTOR DWG. NO. :
H42-2-00-MA-P-20-DWG-103	Cii97-81003-EL-DWG-01

EMPLOYER DWG. NO. :	DLK-D-FAB-10903-MEC-C-R02
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TITLE :	General Assembly and material Weight for Right Shaft Mist Eliminator
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02	For Approval	E.Beygi	E.Beygi	D.Deoghani	D.Deoghani	28/10/2020
01	For Approval	E.Beygi	E.Beygi	D.Deoghani	D.Deoghani	12/06/2019
REV	DESCRIPTION	DESIGN	DRAWN	CHECKED	APPROVED	DATE

SCALE:	SIZE: A3	SHEET: 5/8	CONTRACT NO. :	IQ-P15/Pkg2	REV: 02
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8095 150

250 8287

2300.0

SECTION C-C
SCALE 1 : 140

SECTION S-S
SCALE 1 : 140

Mist Eliminator

Mist Eliminator

2300.0

2300.0

3032.6

3055.8

02	For Approval	E.Beygi	E.Beygi	D.Deoghani	D.Deoghani	28/10/2020
01	For Approval	E.Beygi	E.Beygi	D.Deoghani	D.Deoghani	12/06/2019
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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
Farab International FZE

SUB-CONTRACTOR/VENDOR:
Centigrade Ind. Inc

FAB DWG. NO.:
H42-2-00-MA-P-20-DWG-103

SUB-CONTRACTOR DWG. NO. :
Cii97-81003-EL-DWG-01

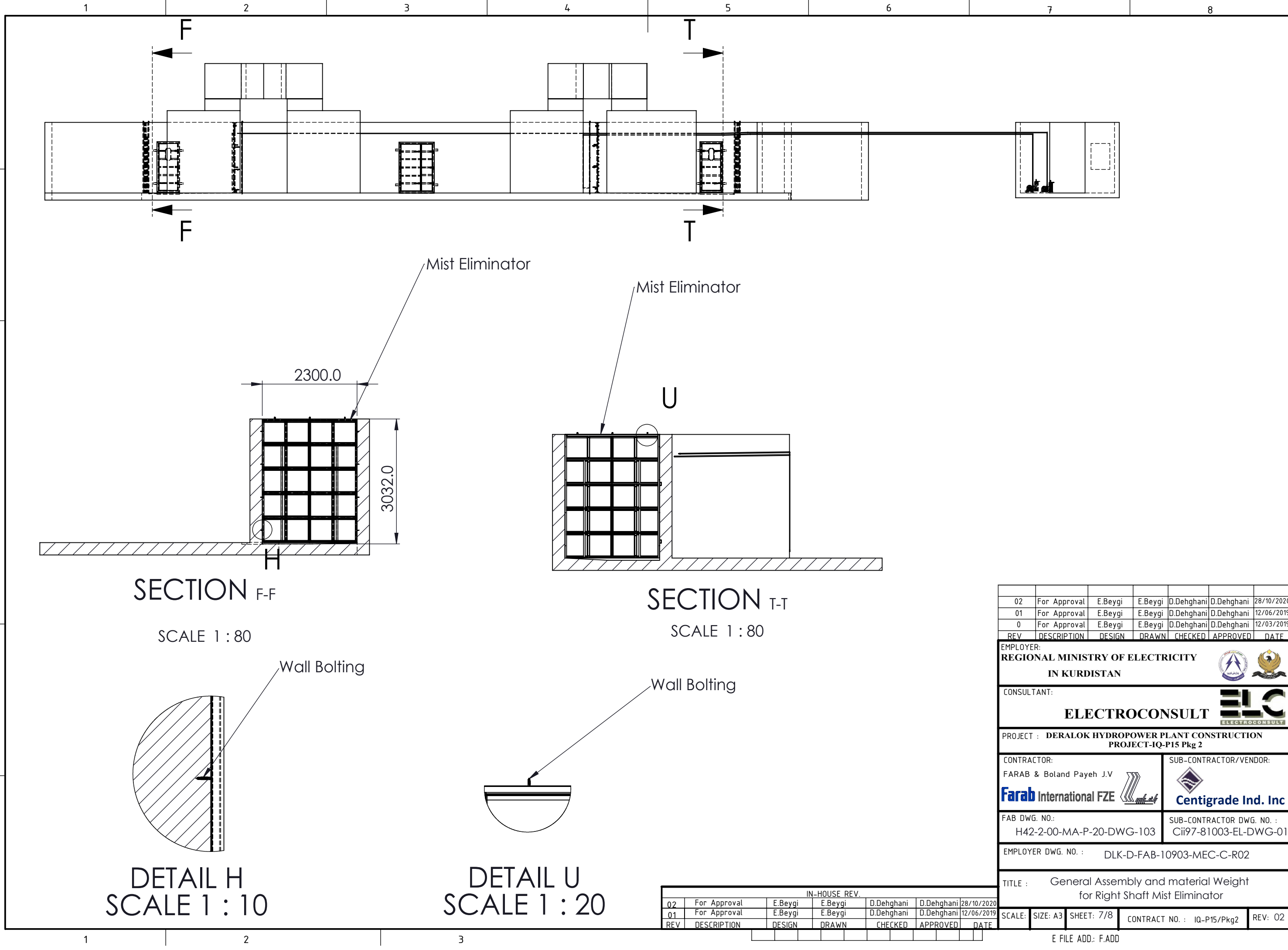
EMPLOYER DWG. NO. : DLK-D-FAB-10903-MEC-C-R02

TITLE : **General Assembly and material Weight
for Right Shaft Mist Eliminator**

IN-HOUSE REV.						
02	For Approval	E.Beygi	E.Beygi	D.Deoghani	D.Deoghani	28/10/2020
01	For Approval	E.Beygi	E.Beygi	D.Deoghani	D.Deoghani	12/06/2019
REV	DESCRIPTION	DESIGN	DRAWN	CHECKED	APPROVED	DATE

SCALE: SIZE: A3 SHEET: 6/8 CONTRACT NO. : IQ-P15/Pkg2 REV: 02

E FILE ADD: F.ADD



02	For Approval	E.Beygi	E.Beygi	D.Deoghani	D.Deoghani	28/10/2020
01	For Approval	E.Beygi	E.Beygi	D.Deoghani	D.Deoghani	12/06/2019
0	For Approval	E.Beygi	E.Beygi	D.Deoghani	D.Deoghani	12/03/2019
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
Farab International FZE

SUB-CONTRACTOR/VENDOR:
Centigrade Ind. Inc

FAB DWG. NO.:
H42-2-00-MA-P-20-DWG-103

SUB-CONTRACTOR DWG. NO. :
Cii97-81003-EL-DWG-01

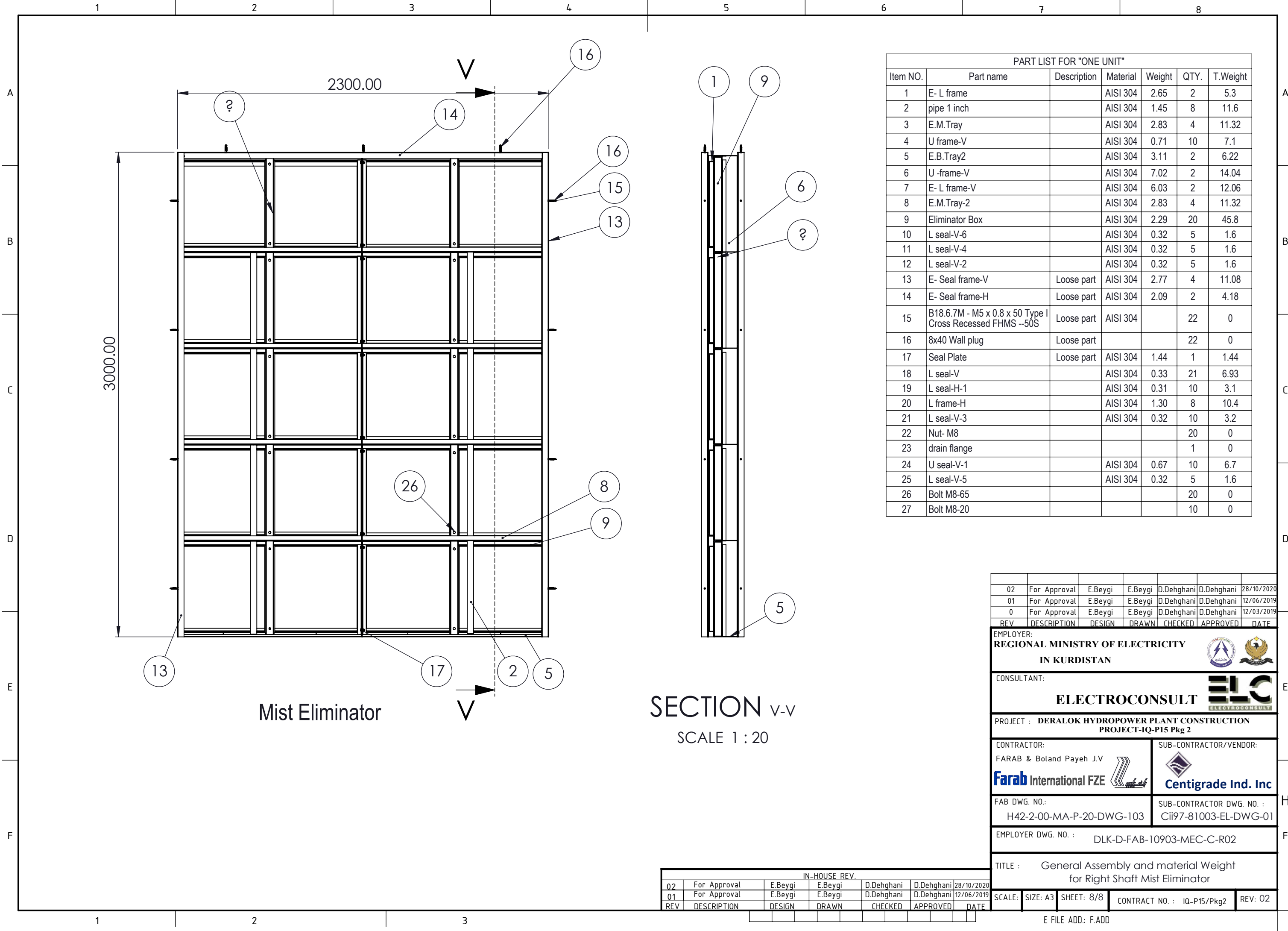
EMPLOYER DWG. NO. :
DLK-D-FAB-10903-MEC-C-R02

TITLE :
General Assembly and material Weight
for Right Shaft Mist Eliminator






SCALE: SIZE: A3 SHEET: 7/8 CONTRACT NO. : IQ-P15/Pkg2 REV: 02

IN-HOUSE REV.						
02	For Approval	E.Beygi	E.Beygi	D.Deoghani	D.Deoghani	28/10/2020
01	For Approval	E.Beygi	E.Beygi	D.Deoghani	D.Deoghani	12/06/2019
REV	DESCRIPTION	DESIGN	DRAWN	CHECKED	APPROVED	DATE

E FILE ADD: F.ADD



PART LIST FOR "ONE UNIT"						
Item NO.	Part name	Description	Material	Weight	QTY.	T.Weight
1	E- L frame		AISI 304	2.65	2	5.3
2	pipe 1 inch		AISI 304	1.45	8	11.6
3	E.M.Tray		AISI 304	2.83	4	11.32
4	U frame-V		AISI 304	0.71	10	7.1
5	E.B.Tray2		AISI 304	3.11	2	6.22
6	U -frame-V		AISI 304	7.02	2	14.04
7	E- L frame-V		AISI 304	6.03	2	12.06
8	E.M.Tray-2		AISI 304	2.83	4	11.32
9	Eliminator Box		AISI 304	2.29	20	45.8
10	L seal-V-6		AISI 304	0.32	5	1.6
11	L seal-V-4		AISI 304	0.32	5	1.6
12	L seal-V-2		AISI 304	0.32	5	1.6
13	E- Seal frame-V	Loose part	AISI 304	2.77	4	11.08
14	E- Seal frame-H	Loose part	AISI 304	2.09	2	4.18
15	B18.6.7M - M5 x 0.8 x 50 Type I Cross Recessed FHMS --50S	Loose part	AISI 304		22	0
16	8x40 Wall plug	Loose part			22	0
17	Seal Plate	Loose part	AISI 304	1.44	1	1.44
18	L seal-V		AISI 304	0.33	21	6.93
19	L seal-H-1		AISI 304	0.31	10	3.1
20	L frame-H		AISI 304	1.30	8	10.4
21	L seal-V-3		AISI 304	0.32	10	3.2
22	Nut- M8				20	0
23	drain flange				1	0
24	U seal-V-1		AISI 304	0.67	10	6.7
25	L seal-V-5		AISI 304	0.32	5	1.6
26	Bolt M8-65				20	0
27	Bolt M8-20				10	0

02	For Approval	E.Beygi	E.Beygi	D.Dehghani	D.Dehghani	28/10/2020
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0	For Approval	E.Beygi	E.Beygi	D.Dehghani	D.Dehghani	12/03/2019
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 Farab International FZE 				SUB-CONTRACTOR/VENDOR:  Centigrade Ind. Inc		
FAB DWG. NO.: H42-2-00-MA-P-20-DWG-103				SUB-CONTRACTOR DWG. NO. : Cii97-81003-EL-DWG-01		
EMPLOYER DWG. NO. : DLK-D-FAB-10903-MEC-C-R02						
TITLE : General Assembly and material Weight for Right Shaft Mist Eliminator						
SCALE:	SIZE: A3	SHEET: 8/8	CONTRACT NO. : IQ-P15/Pkg2			REV: 02

IN-HOUSE REV.						
02	For Approval	E.Beygi	E.Beygi	D.Dezhgani	D.Dezhgani	28/10/2020
01	For Approval	E.Beygi	E.Beygi	D.Dezhgani	D.Dezhgani	12/06/2019
REV	DESCRIPTION	DESIGN	DRAWN	CHECKED	APPROVED	DATE