

PART LIST FOR "ONE UNIT"

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

Note:

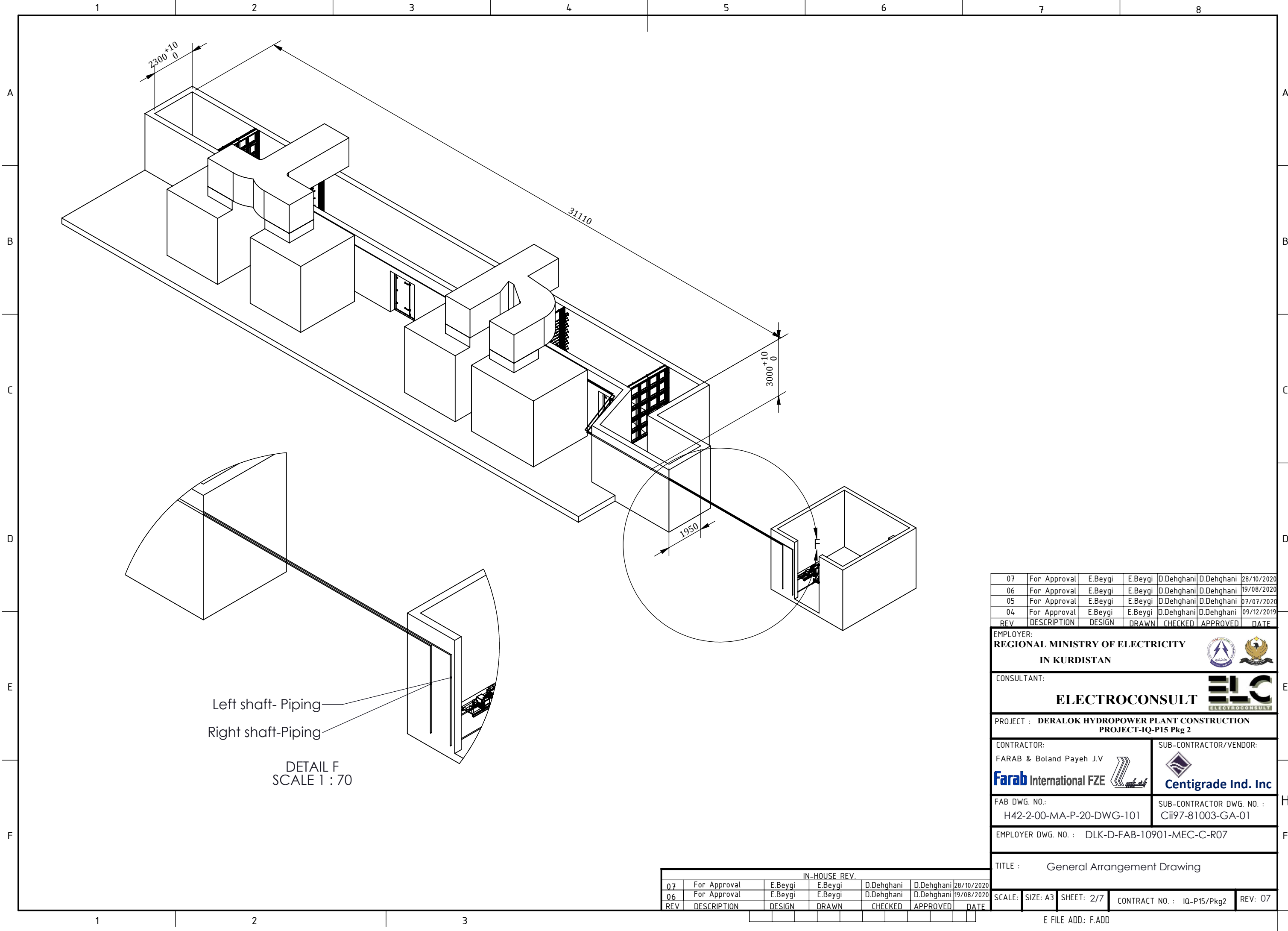
- All of the surfaces between the nozzle bank and eliminator should be smooth and additionally waterproofed with proper material, if using ceramic with Isogam, the minimum distance between ceramic and Isogam should be 100 mm for floor and 80 mm for side walls.
- Eliminator, Air baffle Nozzle Bank frame connected to walls with roll bolts and wall plugs.
- All dimensions are in mm.
- All measurements are finished dimensions in mm and have to be checked on site.
- Please consider door frames in constructions.
- Consider 1% slope in fog area.
- Consider drain in fog area.

IN-HOUSE REV.						
07	For Approval	E.Beygi	E.Beygi	D.Dezhgani	D.Dezhgani	28/10/2020
06	For Approval	E.Beygi	E.Beygi	D.Dezhgani	D.Dezhgani	19/08/2020
REV	DESCRIPTION	DESIGN	DRAWN	CHECKED	APPROVED	DATE

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04	For Approval	E.Beygi	E.Beygi	D.Dezhgani	D.Dezhgani	09/12/2019
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  International FZE 					SUB-CONTRACTOR/VENDOR:  Centigrade Ind. Inc	
FAB DWG. NO.: H42-2-00-MA-P-20-DWG-101					SUB-CONTRACTOR DWG. NO. : Cii97-81003-GA-01	
EMPLOYER DWG. NO. : DLK-D-FAB-10901-MEC-C-R07						
TITLE : General Arrangement Drawing						
SCALE:	SIZE: A3	SHEET: 1/7	CONTRACT NO. : IQ-P15/Pkg2			REV: 07

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07	For Approval	E.Beygi	E.Beygi	D.Dezhgani	D.Dezhgani	28/10/2020
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REV	DESCRIPTION	DESIGN	DRAWN	CHECKED	APPROVED	DATE

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**REGIONAL MINISTRY OF ELECTRICITY**  
**IN KURDISTAN**

CONSULTANT:  
**ELECTROCONSULT**

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

CONTRACTOR: FARAB & Boland Payeh J.V <b>Farab International FZE</b>	SUB-CONTRACTOR/VENDOR: <b>Centigrade Ind. Inc</b>
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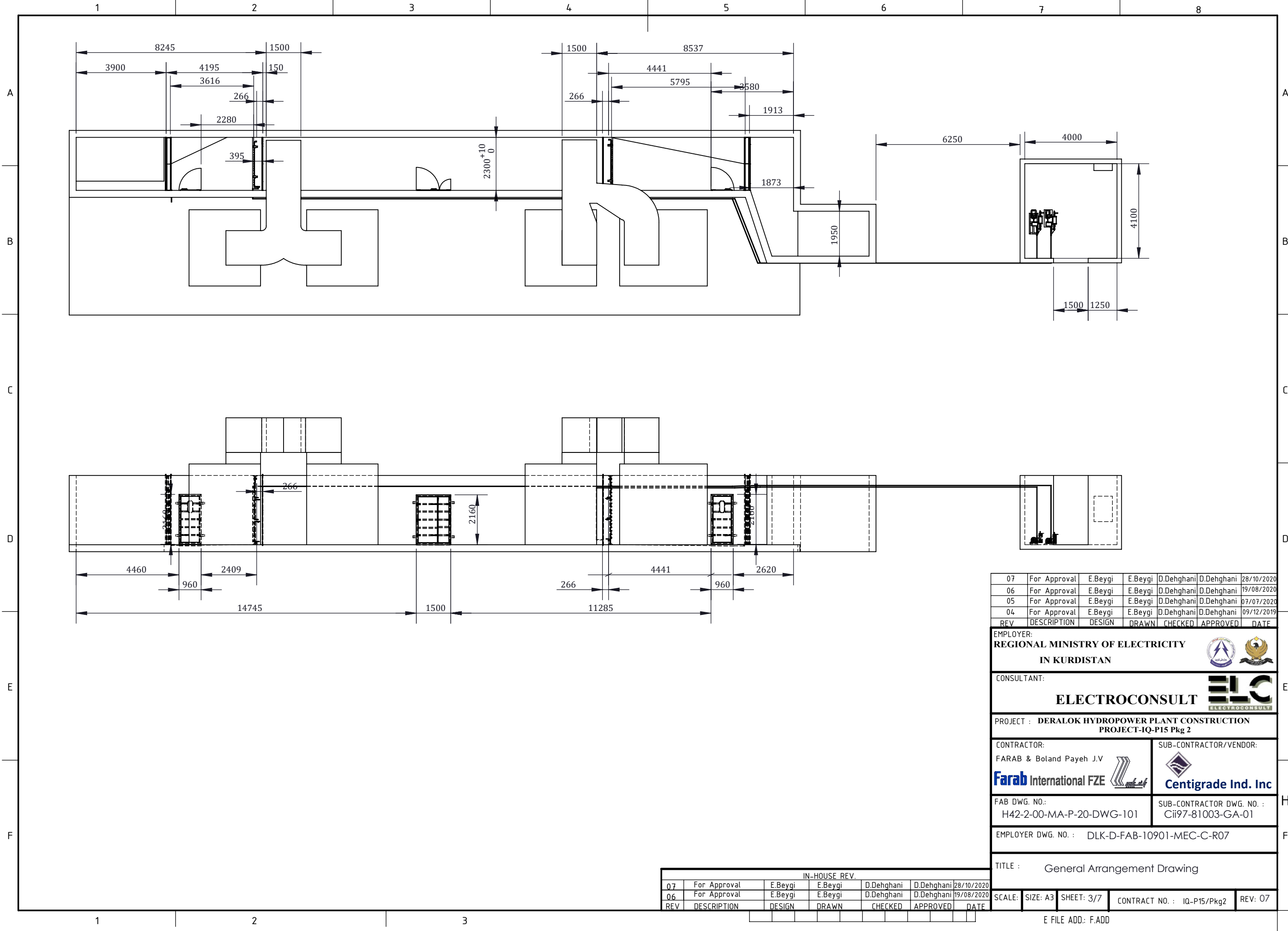
FAB DWG. NO.: H42-2-00-MA-P-20-DWG-101	SUB-CONTRACTOR DWG. NO. : Cii97-81003-GA-01
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EMPLOYER DWG. NO. : DLK-D-FAB-10901-MEC-C-R07

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SCALE:	SIZE: A3	SHEET: 2/7	CONTRACT NO. : IQ-P15/Pkg2	REV: 07
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07	For Approval	E.Beygi	E.Beygi	D.Deoghani	D.Deoghani	28/10/2020
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**Farab International FZE**

SUB-CONTRACTOR/VENDOR:  
**Centigrade Ind. Inc**

FAB DWG. NO.:  
H42-2-00-MA-P-20-DWG-101

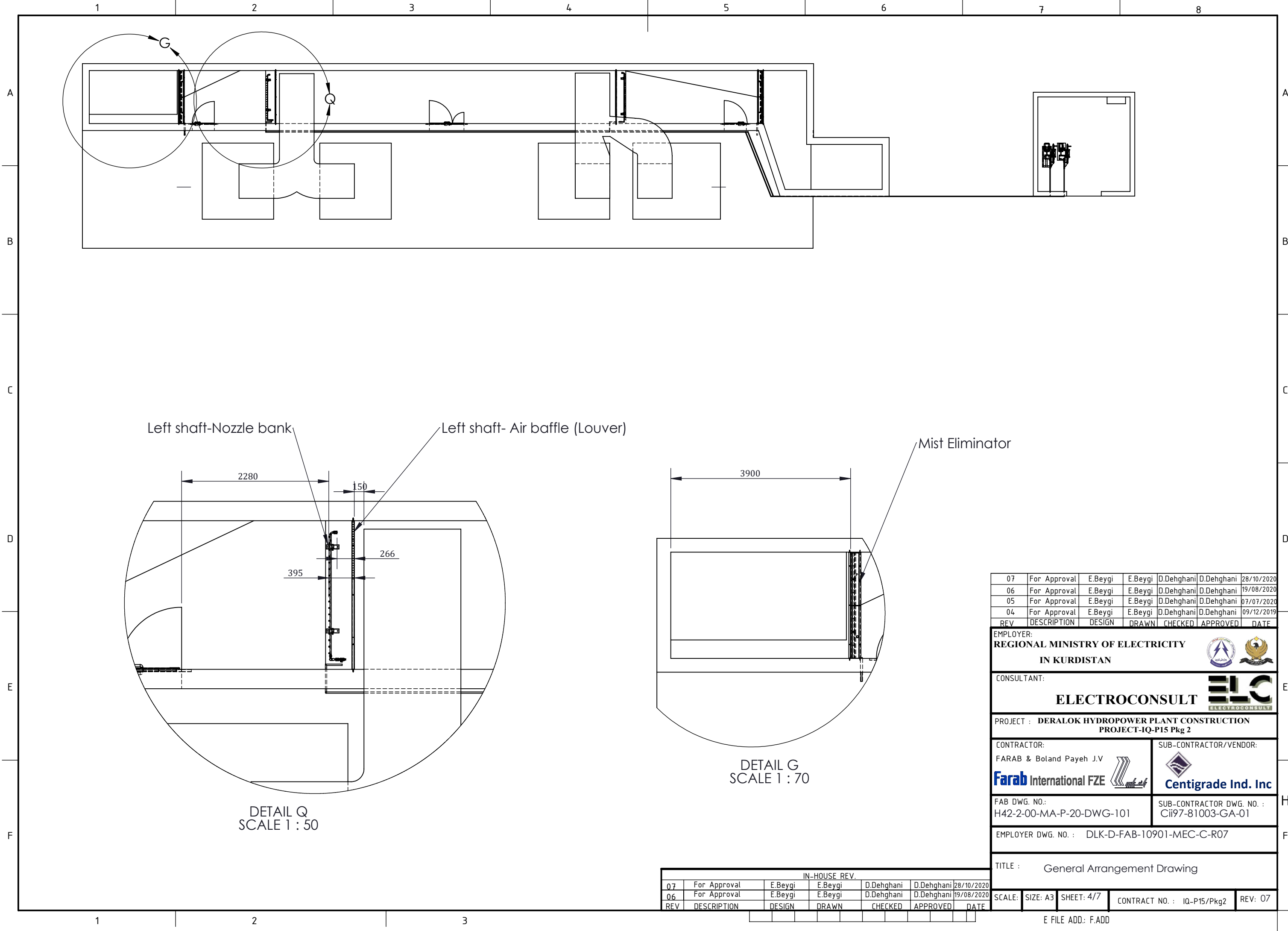
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SCALE: SIZE: A3 SHEET: 3/7 CONTRACT NO. : IQ-P15/Pkg2 REV: 07



Left shaft-Nozzle bank

Left shaft- Air baffle (Louver)

Mist Eliminator

DETAIL Q  
SCALE 1 : 50

DETAIL G  
SCALE 1 : 70

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CONSULTANT:  
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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-101

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

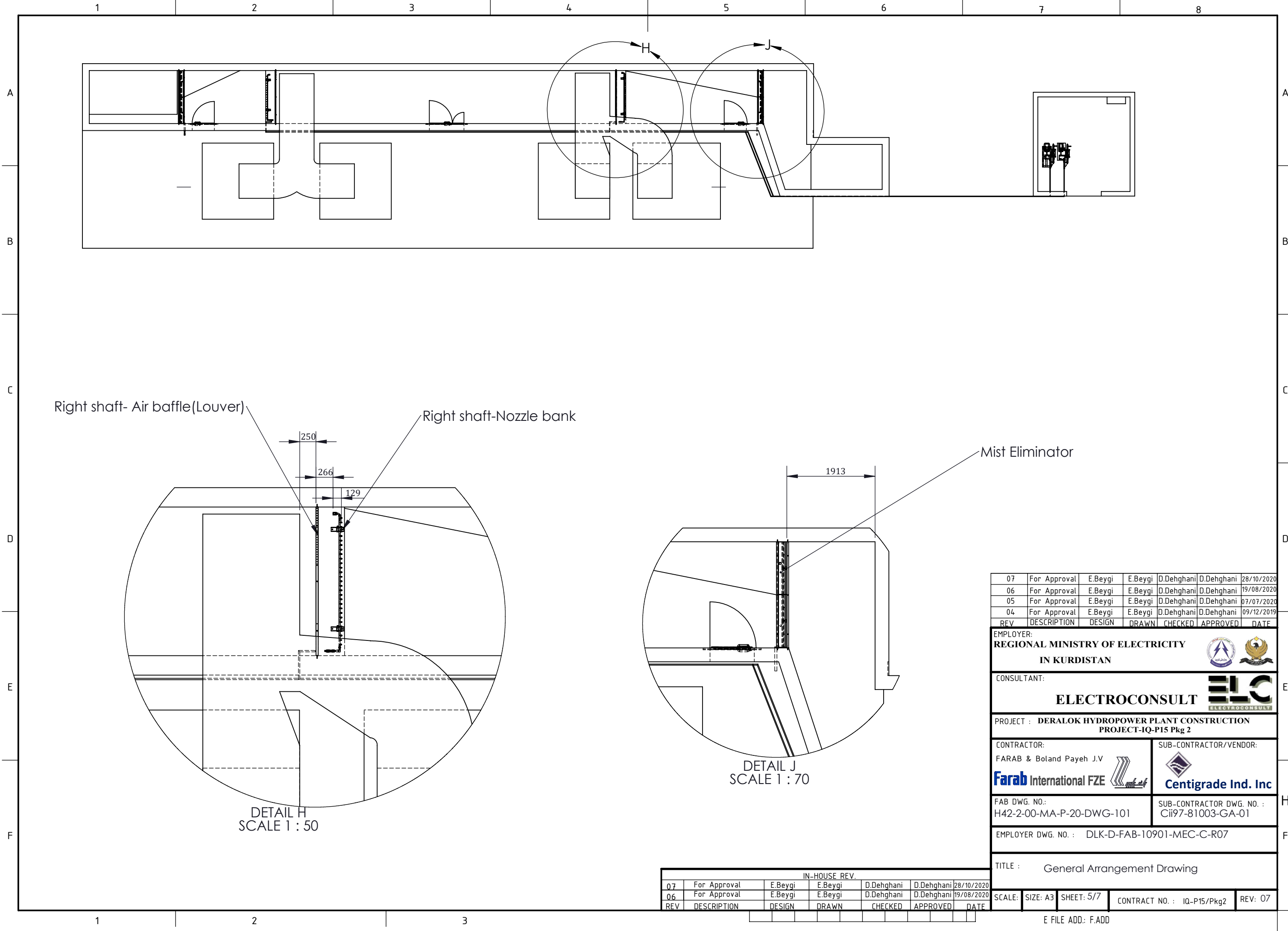
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SCALE: SIZE: A3 SHEET: 4/7 CONTRACT NO. : IQ-P15/Pkg2 REV: 07

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Right shaft- Air baffle(Louver)

Right shaft-Nozzle bank






Mist Eliminator

DETAIL H  
SCALE 1 : 50

DETAIL J  
SCALE 1 : 70

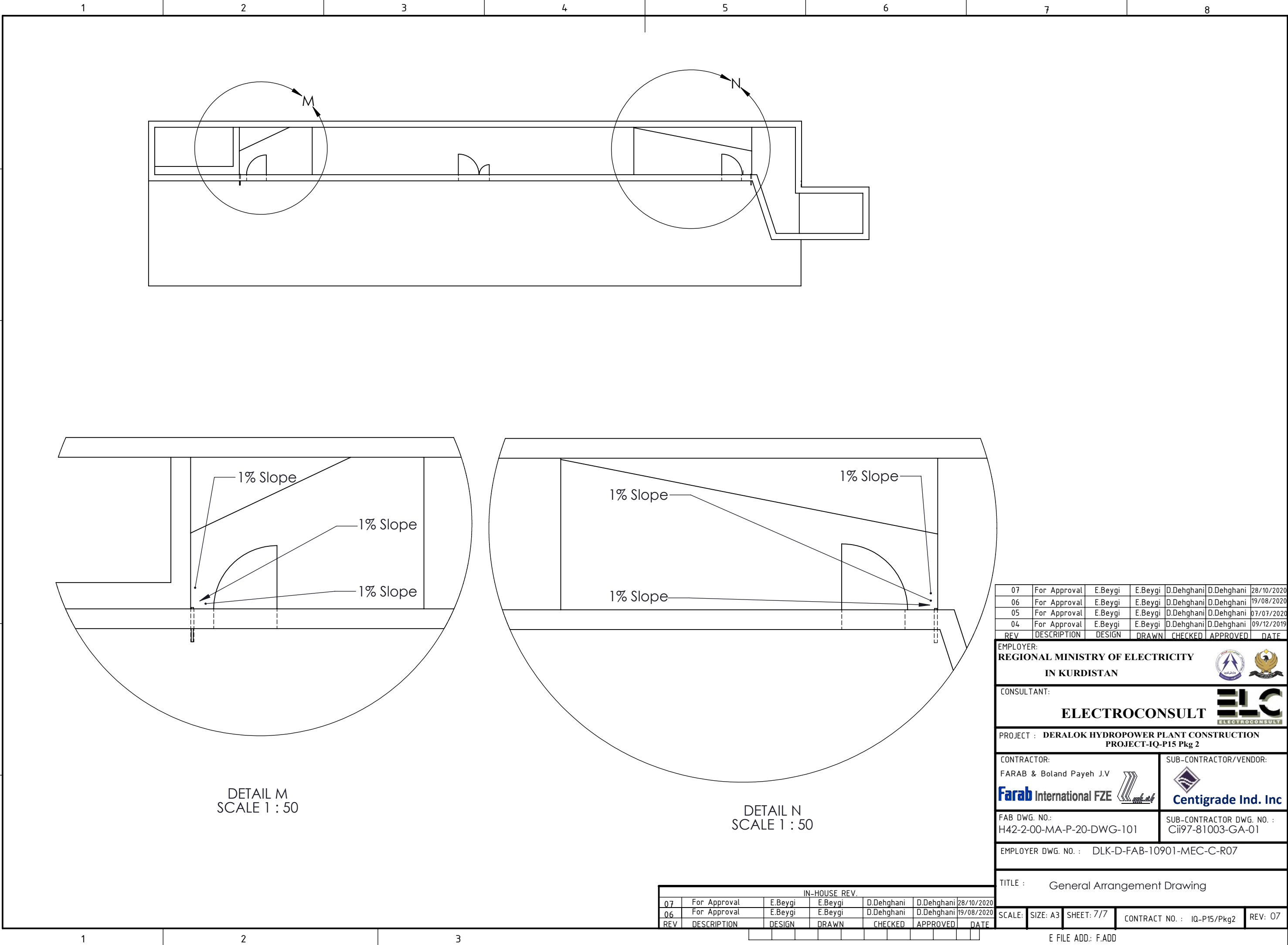
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CONSULTANT:  ELECTROCONSULT					
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TITLE : General Arrangement Drawing					
SCALE:	SIZE: A3	SHEET: 5/7	CONTRACT NO. : IQ-P15/Pkg2		REV: 07

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DETAIL M  
SCALE 1 : 50

DETAIL N  
SCALE 1 : 50

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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-101	Cii97-81003-GA-01

EMPLOYER DWG. NO. :	DLK-D-FAB-10901-MEC-C-R07
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