





Project No.: 61041		<b>MATERIAL REQUISITION</b>	 <b>ABAN AIR-COOLER CO.</b>
Req. No.: 1300/02			
Rev. No.: 0			
Preliminary	<input type="radio"/>	Code No.: QF-TE-02	ENGINEERING DEPARTMENT
			ERP : 145145
Final	<input checked="" type="radio"/>	Date & Rev.: 08/Oct/2019-01	SRD : 22.Nov.2022
			PAGE 1 OF 6




# **MATERIAL REQUISITION FOR LOUVER MECHANISM ASSEMBLY**

0	30.Aug2022	Issue For Procurement	M.Riahi	M.Riahi	P.Karimzadeh
Rev.	Date	Description	Prepared	Checked	Approved

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			SRD : 22.Nov.2022
			PAGE 2 OF 6

### TABULATION OF REVISED PAGE

Page	Revisions							Remarks	Page	Revisions							Remarks
	0	1	2	3	4	5	6			0	1	2	3	4	5	6	
1	x								35								
2	x								36								
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9									43								
10									44								
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12									46								
13									47								
14									48								
15									49								
16									50								
17									51								
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21									55								
22									56								
23									57								
24									58								
25									59								
26									60								
27									61								
28									62								
29									63								
30									64								
31									65								
32									66								
33									67								
34									68								

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Final		Date & Rev.: 08/Oct/2019-01	SRD : 22.Nov.2022
			PAGE 3 OF 6

## TABLE OF CONTENTS

CONTENT	PAGE
1-PURPOSE	3
2-DEFINITION	3
3-LIST OF EQUIPMENT INQUIRED	3
4-APPLICABLE CODES & STANDARD	3
5-REQUIRED DOCUMENTATION	3
6-SCOPE OF WORK, SUPPLY & SERVICE	4
7-SPARE PARTS	4
8-DEVIATIONS/EXCEPTION/ALTERNATION FROM MATERIAL REQUISITION'S REQUIREMENTS	4
9-TECHNICAL NOTES	5
10-ATTACHMENTS	6

### 1- PURPOSE

The purpose of this document is to define vendor's scope of supply for **LOUVER MECHANISM ASSEMBLY** of Delta Cooling in LATTAKIA.

### 2- DEFINITION

For the purpose of this material requisition, the following definitions shall apply:

Contractor: ABAN AIR COOLER (AAC)

Vendor: (to be defined)

### 3- LIST OF EQUIPMENT INQUIRED




ITEM NO.	TAG NUMBER	QTY.	DESCRIPTION	LOCATION
1	-	106 Set	DELTA 20m	LATTAKIA
2	-	2 Set	DELTA 15m	LATTAKIA

### 4- APPLICABLE CODES & STANDARD

- N/A

### 5- REQUIRED DOCUMENTATION

- N/A

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			ERP : 145145
Final		Date & Rev.: 08/Oct/2019-01	SRD : 22.Nov.2022
			PAGE 4 OF 6

## 6- SCOPE OF WORK , SUPPLY & SERVICES

POS	DESCRIPTION	DIMENSION (mm)	MATERIAL	DWG. NO.	QTY.1 (PCS)	QTY.2 (PCS)	QTY.3 (PCS)	TOTAL (PCS)
1	CONSOLE I	UNP 160x270	ST 37-2	DAZ-069	104	0	10	114
2	CONSOLE II	UNP 160x270	ST 37-2	DA9-066	0	4	-	4
3	CONSOLE III	REF TO DWG	ST 37-2	DA9-066	0	2	-	2
4	CONSOLE IV	REF TO DWG	ST 37-2	DA9-066	0	2	-	2
5	CONSOLE IX	REF TO DWG	REF TO DWG	DA9-065	0	1	-	1
6	CONSOLE X	REF TO DWG	REF TO DWG	DA9-065	0	1	-	1
7	SHAFT I	REF TO DWG	REF TO DWG	DA9-068	0	2	-	2
8	SHAFT II	REF TO DWG	REF TO DWG	DA9-068	0	2	-	2
9	SHAFT III	REF TO DWG	REF TO DWG	DA9-070	52	0	5	57
10	BEARING BOX	SKF SNE 510	-	-	104	8	10	122
11	BEARING	1210 KC3	-	-	104	8	10	122
12	SPLIT CHUCK	H210	-	-	104	8	10	122
13	INSERT RING	FR 90/6.5	-	-	208	16	20	244
14	ACTUATING LEVER II	REF TO DWG	REF TO DWG	DA9-062	14	4	10	118
15	ACTUATING LEVER III	REF TO DWG	REF TO DWG	DA9-063	0	2	-	2
16	ACTUATING LEVER IV	REF TO DWG	REF TO DWG	DA9-064	0	4	-	4
17	PULLING ROD JOINT , L=429	REF TO DWG	REF TO DWG	DA9-067	104	0	10	114
18	PULLING ROD JOINT I, L=424	REF TO DWG	REF TO DWG	DA9-067	0	2	-	2
19	PULLING ROD JOINT II, L=382	REF TO DWG	REF TO DWG	DA9-067	0	2	-	2
20	TRANSMISSION ROD II	REF TO DWG	REF TO DWG	DA9-069	0	2	-	2
21	TRANSMISSION ROD III	REF TO DWG	REF TO DWG	DA9-069	0	2	-	2
22	RIGHT-HAND LOUVER ACTUATOR SUPPORT (I) FOR 15m & 20m DELTAS	REF TO DWG	ST 37-2	DAZ-069	26	1	3	30
23	LEFT-HAND LOUVER ACTUATOR SUPPORT (II) FOR 15m & 20m DELTAS	REF TO DWG	ST 37-2	DAF-061	26	1	2	29

## 7- SPARE PARTS

- QTY.1= Main quantity for 106 Delta 20m
- QTY.2= Main quantity for 2 Delta 15m
- QTY.3= Spare Part for project ( 5 Set)

## 8- DEVIATIONS/EXCEPTION/ALTERNATION FROM MATERIAL REQUISITION'S REQUIREMENTS




- If any, shall be mentioned by vendor

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			SRD : 22.Nov.2022
			PAGE 5 OF 6

## 9- TECHNICAL NOTES

ACTUATING MECHANISM 20m						
ROW	DESCRIPTION		DWG NO.	SPARE	QTY.	TOTAL QTY.
1	PRE ASSEMBLY 1		AAC - PRE ASSEMBLY 1	5	52	57
	A	ACTUATING LEVER II	DA9-062	10	104	114
	B	SHAFT III	DA9-070	5	52	57
	C	BEARING BOX	-	10	104	114
	D	BEARING	-	10	104	114
	E	SPLIT CHUCK	-	10	104	114
	F	INSERT RING	-	20	208	228
2	Pulling Rod Joint L=429		DA9-067	10	104	114
3	CONSOLE I		DAZ-069	10	104	114

ACTUATING MECHANISM 15m				
ROW	DESCRIPTION		DWG NO.	QTY.
1	PRE ASSEMBLY 2		AAC - PRE ASSEMBLY 2	2
	A	ACTUATING LEVER IV	DA9-064	2
	B	ACTUATING LEVER II	DA9-062	2
	C	SHAFT I	DA9-068	2
	D	BEARING BOX	-	4
	E	BEARING	-	4
	F	SPLIT CHUCK	-	4
	G	INSERT RING	-	8
2	PRE ASSEMBLY 3		AAC - PRE ASSEMBLY 3	2
	A	CONSOLE IX	DA9-065	1
	B	CONSOLE X	DA9-065	1
	C	ACTUATING LEVER III	DA9-063	2
3	PRE ASSEMBLY 4		AAC - PRE ASSEMBLY 4	2
	A	ACTUATING LEVER IV	DA9-064	2
	B	ACTUATING LEVER II	DA9-062	2
	C	SHAFT II	DA9-068	2
	D	BEARING BOX	-	4
	E	BEARING	-	4
	F	SPLIT CHUCK	-	4
	G	INSERT RING	-	8
4	Transmission Rod II		DA9-069-SH1	2
5	Transmission Rod III		DA9-069-SH2	2
6	PULLING ROD JOINT I, L=424		DA9-067	2
7	PULLING ROD JOINT II, L=382		DA9-067	2

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			SRD : 22.Nov.2022
			PAGE 6 OF 6

8	CONSOLE II	DA9-066	4	PCS
9	CONSOLE III LEFT HAND	DA9-066	1	PCS
10	CONSOLE III RIGHT HAND	DA9-066	1	PCS
11	CONSOL IV LEFT HAND	DA9-066	1	PCS
12	CONSOL IV RIGHT HAND	DA9-066	1	PCS

## 10- ATTACHMENTS

Attached For information ☐

Attached is necessary ☒

ROW	DESCRIPTION	DWG. NO.	PGE QTY.
1	PRE ASSEMBLY 1	AAC - PRE ASSEMBLY 1	1
2	PRE ASSEMBLY 2	AAC - PRE ASSEMBLY 2	1
3	PRE ASSEMBLY 3	AAC - PRE ASSEMBLY 3	1
4	PRE ASSEMBLY 4	AAC - PRE ASSEMBLY 4	1
5	LOUVER ACTUATING MECHANISM ACTUATING LEVE II	DA9-062	1
6	LOUVER ACTUATING MECHANISM ACTUATING LEVE III	DA9-063	1
7	LOUVER ACTUATING MECHANISM ACTUATING LEVE IV	DA9-064	1
8	LOUVER ACTUATING MECHANISM CONSOLE IX	DA9-065	1
9	LOUVER ACTUATING MECHANISM LOUVER ACTUATOR SUPPORT & CONSOLES (SIDE & ABOVE THE GATE)	DA9-066	1
10	LOUVER ACTUATING MECHANISM PULLING ROD JOINT	DA9-067	1
11	LOUVER ACTUATING MECHANISM SHAFTS (SIDE & ABOVE THE GATE)	DA9-068	1
12	LOUVER ACTUATING MECHANISM TRANSMISSION ROD II & III	DA9-069	2
13	RIGHT-HAND LOUVER ACTUATING MECHANISM SHAFT & FLANGE	DA9-070	1
14	LEFT-HAND LOUVER ACTUATING MECHANISM LOUVER ACTUATOR SUPPORT & CONSOLES	DAF-061	1
15	RIGHT-HAND LOUVER ACTUATING MECHANISM LOUVER ACTUATOR SUPPORT & CONSOLES	DAZ-069	1
16	ITP FOR Rst37-2	-	4