





Project No.: 61041		MATERIAL REQUISITION	 ABAN AIR-COOLER CO.
Req. No.: 1300/02			
Rev. No.: 01			
Preliminary	<input type="radio"/>	Code No.: QF-TE-02	ENGINEERING DEPARTMENT
			ERP : 153969
Final	<input checked="" type="radio"/>	Date & Rev.: 08/Oct/2019-01	SRD : 22.Nov.2022
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MATERIAL REQUISITION FOR LOUVER MECHANISM ASSEMBLY

1	28.May.2023	Issue For Procurement	M.Riahi	M.Riahi	P.Karimzadeh
0	30.Aug2022	Issue For Procurement	M.Riahi	M.Riahi	P.Karimzadeh
Rev.	Date	Description	Prepared	Checked	Approved

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TABULATION OF REVISED PAGE

Page	Revisions							Remarks	Page	Revisions							Remarks
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1	x								35								
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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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6- SCOPE OF WORK , SUPPLY & SERVICES

1

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-003	104	0	10	114
2	CONSOLE II	UNP 160x270	ST 37-2	DA9-033	0	4	-	4
3	CONSOLE III	REF TO DWG	ST 37-2	DA9-033	0	2	-	2
4	CONSOLE IV	REF TO DWG	ST 37-2	DA9-033	0	2	-	2
5	CONSOLE IX	REF TO DWG	REF TO DWG	DA9-032	0	1	-	1
6	CONSOLE X	REF TO DWG	REF TO DWG	DA9-032	0	1	-	1
7	SHAFT I	REF TO DWG	REF TO DWG	DA9-035	0	2	-	2
8	SHAFT II	REF TO DWG	REF TO DWG	DA9-035	0	2	-	2
9	SHAFT III	REF TO DWG	REF TO DWG	DA9-037	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	DA9-029	104	4	10	118
15	ACTUATING LEVER III	REF TO DWG	REF TO DWG	DA9-030	0	2	-	2
16	ACTUATING LEVER IV	REF TO DWG	REF TO DWG	DA9-031	0	4	-	4
17	PULLING ROD JOINT , L=429	REF TO DWG	REF TO DWG	DA9-034	104	0	10	114
18	PULLING ROD JOINT I, L=424	REF TO DWG	REF TO DWG	DA9-034	0	2	-	2
19	PULLING ROD JOINT II, L=382	REF TO DWG	REF TO DWG	DA9-034	0	2	-	2
20	TRANSMISSION ROD II	REF TO DWG	REF TO DWG	DA9-036	0	2	-	2
21	TRANSMISSION ROD III	REF TO DWG	REF TO DWG	DA9-036	0	2	-	2
22	RIGHT-HAND LOUVER ACTUATOR SUPPORT (I) FOR 20m DELTAS	REF TO DWG	ST 37-2	DAZ-003	26	-	3	29
23	LEFT-HAND LOUVER ACTUATOR SUPPORT (II) FOR 20m DELTAS	REF TO DWG	ST 37-2	DAF-001	26	-	2	28
24	RIGHT-HAND LOUVER ACTUATOR SUPPORT (III) FOR 15m DELTAS	REF TO DWG	ST 37-2	DA9-033	-	1	-	1
25	LEFT-HAND LOUVER ACTUATOR SUPPORT (IV) FOR 15m DELTAS	REF TO DWG	ST 37-2	DA9-033	-	1	-	1

7- SPARE PARTS

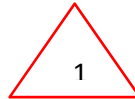
- QTY.1= Main quantity for 106 Delta 20m
- QTY.2= Main quantity for 2 Delta 15m
- QTY.3= Spare Part for project (5 Set)

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




- If any, shall be mentioned by vendor

9- TECHNICAL NOTES



ACTUATING MECHANISM 20m							
ROW	DESCRIPTION		DWG NO.	SPARE	QTY.	TOTAL QTY.	UNIT
1	PRE ASSEMBLY 1		AAC - PRE ASSEMBLY 1	5	52	57	SET
	A	ACTUATING LEVER II	DA9-029	10	104	114	PCS
	B	SHAFT III	DA9-037	5	52	57	PCS
	C	BEARING BOX	-	10	104	114	PCS
	D	BEARING	-	10	104	114	PCS
	E	SPLIT CHUCK	-	10	104	114	PCS
	F	INSERT RING	-	20	208	228	PCS
2	Pulling Rod Joint L=429		DA9-034	10	104	114	PCS
3	CONSOLE I		DAZ-003	10	104	114	PCS


ACTUATING MECHANISM 15m					
ROW		DESCRIPTION	DWG NO.	QTY.	UNIT
1	PRE ASSEMBLY 2		AAC - PRE ASSEMBLY 2	2	SET
	A	ACTUATING LEVER IV	DA9-031	2	PCS
	B	ACTUATING LEVER II	DA9-029	2	PCS
	C	SHAFT I	DA9-035	2	PCS
	D	BEARING BOX	-	4	PCS
	E	BEARING	-	4	PCS
	F	SPLIT CHUCK	-	4	PCS
	G	INSERT RING	-	8	PCS
2	PRE ASSEMBLY 3		AAC - PRE ASSEMBLY 3	2	SET
	A	CONSOLE IX	DA9-032	1	PCS
	B	CONSOLE X	DA9-032	1	PCS
	C	ACTUATING LEVER III	DA9-030	2	PCS
3	PRE ASSEMBLY 4		AAC - PRE ASSEMBLY 4	2	SET
	A	ACTUATING LEVER IV	DA9-031	2	PCS
	B	ACTUATING LEVER II	DA9-029	2	PCS
	C	SHAFT II	DA9-035	2	PCS
	D	BEARING BOX	-	4	PCS
	E	BEARING	-	4	PCS
	F	SPLIT CHUCK	-	4	PCS
	G	INSERT RING	-	8	PCS
4	Transmission Rod II		DA9-036-SH1	2	PCS
5	Transmission Rod III		DA9-036-SH2	2	PCS

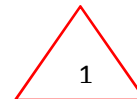
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6	PULLING ROD JOINT I, L=424	DA9-034	2	PCS
7	PULLING ROD JOINT II, L=382	DA9-034	2	PCS
8	CONSOLE II	DA9-033	4	PCS
9	CONSOLE III LEFT HAND	DA9-033	1	PCS
10	CONSOLE III RIGHT HAND	DA9-033	1	PCS
11	CONSOL IV LEFT HAND	DA9-033	1	PCS
12	CONSOL IV RIGHT HAND	DA9-033	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	DA9-029	1
6	LOUVER ACTUATING MECHANISM ACTUATING LEVE III	DA9-030	1
7	LOUVER ACTUATING MECHANISM ACTUATING LEVE IV	DA9-031	1
8	LOUVER ACTUATING MECHANISM CONSOLE IX	DA9-032	1
9	LOUVER ACTUATING MECHANISM LOUVER ACTUATOR SUPPORT & CONSOLES (SIDE & ABOVE THE GATE)	DA9-033	1
10	LOUVER ACTUATING MECHANISM PULLING ROD JOINT	DA9-034	1
11	LOUVER ACTUATING MECHANISM SHAFTS (SIDE & ABOVE THE GATE)	DA9-035	1
12	LOUVER ACTUATING MECHANISM TRANSMISSION ROD II & III	DA9-036	2
13	RIGHT-HAND LOUVER ACTUATING MECHANISM SHAFT & FLANGE	DA9-037	1
14	LEFT-HAND LOUVER ACTUATING MECHANISM LOUVER ACTUATOR SUPPORT & CONSOLES	DAF-001	1
15	RIGHT-HAND LOUVER ACTUATING MECHANISM LOUVER ACTUATOR SUPPORT & CONSOLES	DAZ-003	1
16	ITP FOR Rst37-2	-	4