
 <div> <div>arhitectura</div> <div>proiectare</div> <div>inginerie</div> <div>consultanta tehnica</div> </div>		DATA SHEET								
		CLIENT		CONPET S.A.		PREPARED BY:	NITA R.	ASG CHECKED		
		PROJECT TITLE				DATE	4/1/2017	DATE		
		CONTRACT NO.								
		REQUISITION NO.				CHECKED BY:	STROIE B.	ASG APPROVED		
		PURCHASE ORDER NO.				DATE	4/1/2017	DATE		
ENGINEERING DEPARTMENT		AGITATOR SERVICE		CRUDE OIL						
		AGITATOR TAG NO.		AG		APPROVED BY:	IONESCU A.	QP APPROVED		
		QUANTITY		max.TWO(2)*		DATE	4/1/2017	DATE		
VENDORS DATA *		PROJECT REQUIREMENT		SUPPLIER'S PROPOSAL		ORDER SPECIFICATION				
1	MANUFACTURER NAME									
2	COUNTRY OF ORIGIN									
3	AGITATOR MODEL									
4	AGITATOR TYPE		MECHANICAL MIXER							
5	MOUNTING TYPE		SIDE ENTRY							
6	SERIAL NO.									
7	LIQUID DATA									
8	SERVICE LIQUID		CRUDE OIL							
9	HAZARD		CORROSIVE							
10	CORROSION BY		ALKALINE							
11	Contents of impurities (water + solids) %m/m]		max 1 %							
12	FREEZING POINT [°C]		- 40°C							
13	OPERATING TEMPERATURE DEG. C		AMBIENTAL							
14	SULFUR CONTENT [%m/m]		0,5 %m/m							
15	DENSITY AT OPERATING TEMPERATURE Kg/mc		942							
16	VISCOSITY AT OPERATING TEMPERATURE cP		20°C: 450 cSt							
17	PARAFFIN CONTENT [% m/m]		5 – 6 % m/m							
18	DUTY		HOMOGENISATION							
19	MIXING TIME HOURS/DAY		12							
20	MIXING TIME, ACTUAL MIN,		-							
21	CIRCULATION RATE M3/H		-							
22	OPERATING CONDITIONS									
23	MIXER SPEED RATED RPM		VENDOR TO SPECIFY							
24	POWER SHAFT KW		VENDOR TO SPECIFY							
25	MAX. POWER (RATED IMPELER DIAMETER) KW		VENDOR TO SPECIFY							
26	MAX. POWER (MAX. IMPELER DIAMETER) KW		VENDOR TO SPECIFY							
27	DRIVER OUTPUT KW		VENDOR TO SPECIFY							
28	EFFICIENCY RATED %		VENDOR TO SPECIFY							
29	SELF PRIMING YES / NO		YES							
30	SOUND PROBE LEVEL, 1 METER DB (A)		85							
31	OPERATING MODE		CONTINUOUS (12 HOURS/DAY)							
32	VESSEL DATA		2500m.c.							
33	DIAMETER MM		19100							
34	TOTAL HEIGHT MM		10500							
35	FILLING HEIGHT MM		8.2							
36	MINIMUM HEIGHT MM		~650							
37	ENVIRONMENTAL DATA									
38	LOCATION:		OUTDOOR							
39	ELECTRICAL AREA CLASSIFICATION		ATEX							
40	ALTITUDE m		~							
41	AVE. BAROMETRIC PRESSURE BAR abs.		0.98							
42	RANGE OF AMBIENT TEMP (MIN/MAX) (Deg. C)		0 / 60							
43	MAXIMUM SUN RADIATION (Deg. C)		87							
44	RELATIVE HUMIDITY (MIN/MAX) (%)		0 / 85							
45	UNUSUAL CONDITIONS		DUST							
46	OTHER									
47	OTHER									
48										
49										
50										
NOTES:										
1. ALL DEVIATIONS WITH THIS DATA SHEET & OTHER PROJECT DOCUMENTS MUST BE RESOLVED IN WRITING BY PURCHASER/CONSULTANT.										
2. VENDOR SHOULD FILL UP ALL INFORMATION IN "SUPPLIER PROPOSAL COLUMN".										
3. VENDOR SHOULD REFER TO PROJ. SPEC. 1739-0074 - SPECIFICATION FOR AGITATORS.										
4. MIXER SHALL BE CLAMP MOUNTED WITH GOOD LOCKING SYSTEM AND STABILITY.										
5. MIXER SHALL BE ABLE TO BE ADJUSTED VERTICALLY (90 DEG.) AND HORIZONTALLY (360 DEG.).										
6. VENDOR SHOULD REFER TO PROJECT SPEC. 1739-4703 - SPECIFICATION FOR LV INDUCTION MOTORS.										
(*) Depends on the manufacturer's calculation										
DOC. NO.:		TANK MIXER DATA SHEET			SHEET NO.		1 OF 2		REV. NO.	
									A	

 ELIS '92 arhitectura proiectare inginerie consultanta tehnica		DATA SHEET						
		CLIENT	CONPET S.A.		PREPARED BY:	NITA R.	ASG CHECKED	
		PROJECT TITLE			DATE	4/1/2017	DATE	
		CONTRACT NO.			CHECKED BY:	STROIE B.	ASG APPROVED	
		REQUISITION NO.			DATE	4/1/2015	DATE	
		PURCHASE ORDER NO.			APPROVED BY:	IONESCU A.	QP APPROVED	
ENGINEERING DEPARTMENT	AGITATOR SERVICE	CRUDE OIL		DATE	4/1/2017	DATE		
	AGITATOR TAG NO.	AG		DATE	4/1/2017	DATE		
	QUANTITY	max.TWO (2)*						
		PROJECT REQUIREMENT	SUPPLIER'S PROPOSAL	ORDER SPECIFICATION				
1	AGITATOR DATA							
2	OUTSIDE HEIGHT	MM						
3	SHAFT LENGTH	MM						
4	SHAFT DIAMETER	MM						
5	NUMBER OF IMPELLER							
6	TYPE OF IMPELLER							
7	DIAMETER OF IMPELLER	MM						
8	DIAMETER BOTTOM IMPELLER	MM						
9	SHAFT SEAL							
10	KIND							
11	MANUFACTURER							
12	TYPE / SIZE							
13	AGITATOR CONNECTION							
14	MOUNTING		SIDE ENTRY					
15	NUMBER OF BOLTS							
16	DIAMETER OF BOLTS							
17	MOTOR DATA							
18	MOTOR KIND							
19	SIZE							
20	MANUFACTURER							
21	TYPE		Automatic Oscillating angle					
22	RATED POWER	KW	max. 15kW					
23	RATED SPEED	RPM						
24	RATED VOLTAGE	V	400 / 3 PHASE					
25	FREQUENCY	HZ	50					
26	ENCLOSURE		IP 55					
27	EXPLOSION PROOF		NONE					
28	MATERIAL DATA							
29	AGITATOR SHAFT		HASTELLOY C 276					
30	IMPELLER		HASTELLOY C276					
31	BOTTOM IMPELLER		HASTELLOY C276					
32	MOUNTING CLAMP		STAINLESS STEEL					
33	MECHANICAL SEAL		PTFE COMPOUND					
34	ROTATING RING, MEDIUM SIDE							
35	STATOR RING, MEDIUM SIDE							
36	PAINTING							
37	DOCUMENTATION REQUIREMENTS (WITH BID)							
38	AGITATOR DATA SHEET (FILLED-IN ELECTRONICALLY)		YES					
39	LIST OF DEVIATIONS FROM PROJECT DOCUMENT REQUIREMENTS		YES					
40	GENERAL ARRANGEMENT DRAWINGS		YES					
41	SECTION DRAWINGS WITH BOM		YES					
42	PERFORMANCE CURVES		YES					
43	AUXILIARY EQUIPMENT DRAWINGS		YES					
44	SPARE PARTS LIST (COMMISSIONING & 1-YEAR OPERATION)		YES					
45	PAINTING SPEC. (IF NOT ACC. QP SPC-L-002)		YES					
46	INSPECTION TEST PLAN (ITP)		YES					
47	LIST OF SPECIAL TOOLS (IF ANY)		YES					
48	FABRICATION, QUALITY CONTROL & DELIVERY SCHEDULE (ESTIMATE)		YES					
49	MATERIAL SUB-VENDOR LIST (IF ANY)		YES					
50	QUALITY SYSTEM CERTIFICATION (ISO-9000 SERIES)		YES					
51	MANUFACTURER CATALOGUES		YES					
52	CLIENTS REFERENCE LIST		YES					
53	CALCULATION DOCUMENTS		YES (AFTER AWARD)					
54	OPERATION & MAINTENANCE MANUALS		YES (AFTER AWARD)					
NOTES:								
1. VENDOR TO PROVIDE THREE (3) SETS OF THE LISTED DOCUMENTS TOGETHER WITH BID. ELECTRONIC (SOFT) COPIES IN CD-ROM SHOULD ALSO BE PROVIDED. INCOMPLETE DOCUMENT								
VENDOR'S PROPOSAL EVALUATION PROCESS.								
(*) Depends on the manufacturer's calculation								
DOC. NO.:		TANK MIXER DATA SHEET		SHEET NO.		2 OF 2		
				REV. NO.		A		