General				
1	Customer		NIOEC	-
2	Location			-
3	Service		Sanitary Water - Sanitary Water Network	-
4	Item No		P-4640 A/B	-
5	Pump Model No.			-
6	Quantity		TWO	No.
Service Conditions				
7	Liquid Handled		WATER	-
8	Liquid Temperature		Ambient	˚C
9	Specific Gravity		0.992	-
10	Viscosity		0.65	cP
Pump Specification				
11	Type		Submersible Centrifugal	-
12	Total Head		10.3	m
13	Shut-off Pressure		1.34	barg
14	Capacity		66.0	m3/hr
15	Differential pressure rated		1	bar
16	Pump Efficiency			%
17	Overall Efficiency			%
18	Shaft Power			kW
19	Pump Speed			rpm
20	Discharge			-
21		Size		inch
22		Type		-
23		Rating		#
24		Facing		-
25		Location		-
26	Impeller	Type		-
27		No. of Stages	1 (ONE)	-
28	Sold Size			mm
29	Mechanical Seal			-
30		Type		-
31		Size		-
32		Lubricating Oil		-
33	Bearing Number			-
34		Upper		-
35		Thrust		-
36		Radial		-
37		Lubrication		-
38	Motor Starting method			-
39	Max. allowable work press.			bar
40	Test Pressure			bar
41	Pump Main Material		Nickel Resist	-
Test				
42	Hydrostatic		Required	-
43	Performance		Required	-
Weight				
44	Pump & Motor			-
45	Automatic Discharge Connector (ADC)			-
Protection (Pump & Motor)				
46	Leakage detector			-
47	Moisture sensor			-
48	Level Switch			-
Motor Specification				
49	Type		squirrel cage Induction	-
50	Power Supply	phase		-
51		Rated Voltage	400	V
52		Frequency	50	Hz
53	Rated Power			kW
54	No. of Poles			-
55	Rated Speed			rpm
56	Rating (Power Output Rating)			kW
57	Rotor Type and Material			-
58	Enclosure Protection			-
59	Insulation Class / Temp. Rise			- / C
60	Efficiency			%

61	Power Factor		-
62	Rated current		A
63	Starting Current		A
64	Full Load Torque		N.m
65	Locked Rotor Torque		N.m
66	Breakdown Torque		N.m
67	Service Factor		-
68	No. of starts per hour (Hot and Cold)		-
69	Design Standard		-
70	Voltage Tolerance	±5	%
71	Frequency Tolerance	±2	%
72	Starting Time (From Cold and Hot condition)		s
73	Stator Winding Type		-
74	Permissible Locked Rotor Time @ 100% and 80% of nominal Voltage From Cold and Hot Condition		s
75	Temperature Protection for Winding		-
76	Cable Type and Size		-

Motor Load Data

77	Load	Unit	50%	75%	100%
78	Input Power	kW			
79	Output Power	kW			
80	Current	A			
81	Efficiency	%			
82	Power Factor	%			
83	Speed	rpm			

Notes:

1- Pump and motor will be installed vertically and submerged in an effluent basin.