

## EPCM-1

**Project No. : 10108**

**Project Name : SATELLITES FIELD DEVELOPMENT PHASE 2**

**Supplier Name: Integrated Flow Solutions**

<b>DeltaAfrik P.O./Contract No:</b>	10108-1004	<b>COMPANY Contract Number</b>		10108	
<b>Supplier Doc No:</b>	EL-25057-01	<b>Supplier Rev:</b>	3	<b>Doc Code(s):</b>	C104
<b>MPN Doc No:</b>	NGBN-CY-VLZZZ-0030572	<b>MPN Rev:</b>	E	<b>Date</b>	7-Dec-2013

**Tag Nos: NGBN-VPBJ999202**

**Document Title: EQUIPMENT LIST-IDOHO N**

Status Code	Description	Reviewer Name: Sign + Print + Date
1	Reviewed and Accepted as Final & Certified Manufacture may proceed	
2	Reviewed with Minor Comments and accepted as marked Manufacture may Proceed. Revise and Resubmit.	
3	Reviewed with Major Comments and Returned. Manufacture may not proceed. Revise and address comments and resubmit.	
4	Not Accepted. Rework to address comments and resubmit. Manufacture may not proceed.	
5	For Information Only Review not Required. Manufacture may Proceed.	

**Authorisation to proceed does not relieve Supplier / Contractor / Sub-Contractor of its  
responsibility or liability under the terms of the Purchase Order / Contract.**

Rev.	By	Checked By	Appr.	Rev. Description	Rev. Date	PROJECT INFORMATION										Num.	NOTE	
3	CA	LB	LA	APPROVED FOR CONSTRUCTION	12/7/2013	Customer: DeltaAfrik Engineering Limited Customer PO: 10108-1004 End User: Project: Satellite Fields Development Project-Phase 2 Equipment IDOHO N Sump Pump Skid  Skid Tag: NGBN-VPBJ999202  IFS Job Number: 25057  IFS Doc Number: EL-25057-01				Qty 1 Shown Qty 1 Required								
2	CA	LB	LA	APPROVED FOR CONSTRUCTION	11/13/2013													
1	CA	LB	LA	APPROVED FOR CONSTRUCTION	2/13/2013													
0	CA	LB	LA	APPROVED FOR CONSTRUCTION	12/17/2012													
A	KC	LB	LA	ISSUED FOR APPROVAL	9/27/2012													
EQUIPMENT LIST																		
Seq.	Qty.	Tag Number	Item Type	Connections			Design Pressure (psig)	Design Temp. Min. / Max. (°F)	Operating Pressure (psig)	Operating Temp. (°F)	Description	Service	Reference P&ID	Reference Datasheet No.	Manufacturer	Model Number	Comments	
				(Inch)	Type	Class												
1	2	NGBN-PBJ999202A NGBN-PBJ999202B	Gas Driven Diaphragm Pump	Liquid: 1" Suction 1" Discharge  Power Gas: 1/2" Supply 3/4" Exhaust	RF  FNPT	150#  NA	125	60/100	20	77	Rated Capacity : 8 GPM @ 20 psigTDH Specific Gravity : 0.83-92; Viscosity: 22.4Cp@60°F Gas Consumption : 3.6 SCFM @ 78 psig Material of Construction : 316 SS wetted parts, Viton diaphragm Dry Weight: 51 lbs	Sump Pump	P-25057-01 (NGBN-CY-VDPID-0050388)	NGBN-DA-PTTDS SC30061 & NGBN-DA-MTTDS-SC30044	WILDEN	XPX200/SS AAA/VTS/V T/SVT/0320	Witness Hydrotest Witness Performance Test Material Certification per EN10204 3.1 Wilden 02-9582-53 Elastomer Spare Parts Kit (2 Year Spare Kit) Single Point Exhaust	