



Solar Turbines

A Caterpillar Company

MONTHLY PROGRESS Report
4F14 Shell E8 Mini Compression

Contract Title: Sarawak Shell Berhad Malaysia, 4513914657

Attention: Leow Seng Leong

CC: Alyssa Maiyor, Ian Weinberg, Brian Malo, Monica Vom Schemm
(ITT-B)

1.0 PROJECT SUMMARY

1.1 PO/LOA DATE: 2022-02-23 00:00:00

1.2 CONTRACT DURATION: 15 Months/17 Months (CIP)

1.3 READINESS TO SHIP FORECAST: July 19, 2023 (To match airplane)

1.4 CONTRACTUAL DELIVERY DATE: 2023-07-23 00:00:00

1.5 FORECAST DELIVERY DATE: 2023-07-19 00:00:00

1.6 DELIVERY TERM: Ex-works Solar Facility

1.7 VENDOR/MANUFACTURING LOCATION: San Diego, United States

1.8 SCOPE OF WORK: 1 x Centaur 50 - Multiphase Pump

2.0 HEALTH, SAFETY AND ENVIRONMENT

2.1 No COVID 19 concerns

3.0 PROGRESS SUMMARY - S-CURVE

3.1 EARLY ENGAGEMENT COMPLETE FEBRUARY 2022

3.2 INTERNAL KICK OFF MEETING / TOLLGATE 1 MEETING COMPLETE FEBRUARY 2022

3.3 CKOM MEETING COMPLETE MARCH 2022

3.4 PROJECT DRAWINGS ISSUED MAY 2022

3.5 CDRM MEETING COMPLETE JULY 2022

3.6 TG2 MEETING-COMPLETE - AUG 22, 2022

3.7 DESIGN STUDY - AT ITT-B COMPLETE - OCT 18-20, 2022

3.8 STRING TEST-COMPLETE

3.9 PROJECT SHIPPED-COMPLETE

4.0 PROGRESS SUMMARY - PROCUREMENT

5.0 SCHEDULED DELIVERY

No.	Items	Qty	Unit	Shipping Details	Forecasted RTS	Actual RTS
1	Main Power Generator and WHRU				01st December 2022	

6.0 PAYMENT MILESTONES

No.	Milestone Description	%	Status	Forecast Date
1	Payment after the purchase order has been fully signed and executed, and buyer has received a duly signed original acknowledgement of the order.	15%	PENDING	12/13/2023
2	Payment after receipt of minutes of Kick Off Meeting duly signed by Buyer, initial general arrangement drawing, initial process & instrumentation diagram, and initial electrical loop schematic.	10%	PENDING	
3	Payment after receipt of acknowledged unpriced purchase order for the Waste Heat Recovery Unit (WHRU).	20%	PENDING	
4	Payment after receipt of acknowledged unpriced purchase order for the Generator.	15%	PENDING	
5	Payment after receipt of Generators at Solar's facility.	10%	PENDING	
6	Payment after completion of Solar Factory Acceptance Test of the Turbomachinery at Solar's facility.	15%	PENDING	
7	Payment after readiness to ship notice of goods for the Turbomachinery Packages.	10%	PENDING	10/12/2023
8	Payment after readiness to ship notice of goods for the Waste Heat recovery Unit (WHRU).	5%	PENDING	

7.0 AREAS OF CONCERN

- 7.1 Shell must update PO incoterms to reflect change in transportation. - COMPLETE
- 7.2 Design delays have impacted project delivery, primarily for the LOS and SOS systems. Design clarifications were ongoing until June 20 causing schedule impact for ITT-B and subsequently the overall project delivery
- 7.3 ITT-B Pump Casing failed during the first casting pour. Re-Pour complete, fettling complete, NDT inspections in work
- 7.4 Current Schedule forecasted for July 19, 2023 RTS per request from Shell ship for Antonov

8.0 QUALITY / INSPECTION AND TEST

9.0 NEXT MONTH ACTIONS

