

Order Efficiency Ltd

Project Health Control (PHC)

Southminster, Essex CM0 7AL, UK

Tel: 44 1621 772110 - Web: www.order-efficiency.com



5th January 2025

To Whom it may Concern.

Proposal for deployment of Project Health Control (PHC) for a prospective project:

Revitalization of the 135MMscfd Gas Processing Plant at ALSCON, Ikot Abasi, Akwa Ibom State

Proposal Summary:

The Project Health Control (PHC) Service, provided by Order Efficiency Ltd, is proposed to be integrated into the revival project of the 135 million standard cubic feet per day (MMscfd) gas processing plant at the Aluminium Smelter Company of Nigeria (ALSCON) in Ikot Abasi, Akwa Ibom State.

This service will provide comprehensive project monitoring, governance, and quality assurance to ensure the successful execution and sustainability of the project.

The agreement between BFI Group and CNCEC International for the \$1.2 billion investment is a pivotal step to reactivate the long-dormant facility, positioning ALSCON as a major aluminium producer in Nigeria and beyond, with an annual production capacity of 300,000 metric tonnes.

Involved Parties:

BFI Group

The core investor and main stakeholder responsible for the strategic management and financial oversight of the project.

CNCEC International

The engineering and construction firm responsible for executing the rehabilitation and expansion of the gas processing plant.

Order Efficiency Ltd

Provider of the PHC Service, tasked with monitoring, governance, and ensuring project delivery on schedule and within budget.

Government of Nigeria

Key supporter and regulator, represented by the Ministry of State for Petroleum Resources - Gas, facilitating investment and policy alignment.

Chinese Government

Facilitating international collaboration through CNCEC's participation.

Objectives:

- To ensure the timely and cost-effective delivery of the ALSCON gas processing plant revival project.
 - To establish a robust governance framework to mitigate risks, maintain transparency, and enhance communication among stakeholders.
 - To support operational excellence and adherence to best practices in project management, engineering, and environmental compliance.
 - To maximize the positive socio-economic impact, including job creation and revenue growth, while positioning Nigeria as a leader in the African aluminium market.
-

Operational Strategy:

Phase 1: Setup Phase (Duration: 2 months)

Initial Assessment and Planning:

- Conduct a comprehensive project review to align PHC Service objectives with the project's core goals.
- Identify critical success factors, key performance indicators (KPIs), and potential risks.
- Engage stakeholders to establish a communication plan and feedback mechanisms.

Governance Structure Design:

- Develop a tailored governance framework with defined roles, responsibilities, and reporting channels.
- Design data monitoring systems for progress tracking, cost management, and quality assurance.

Baseline Documentation and Resources Allocation:

- Compile baseline project documentation, including timelines, cost projections, resource plans, and compliance requirements.
- Allocate PHC personnel across strategic, analytical, and administrative roles to ensure full oversight.

Phase 2: Full Deployment and Continuation (Duration: 12+ months)

Active Monitoring and Control:

- Implement real-time monitoring tools and analytics to oversee construction and operational progress.
- Conduct regular audits and provide feedback loops to ensure adherence to project timelines and budgets.
- Address deviations through corrective action plans coordinated with CNCEC and BFI Group.

Risk Management and Quality Assurance:

- Continuously assess project risks, update mitigation plans, and communicate adjustments.
- Perform quality checks at critical milestones to ensure alignment with international standards and environmental regulations.

Stakeholder Engagement and Reporting:

- Maintain regular engagement with stakeholders through scheduled reports and status meetings.
- Foster collaboration between BFI Group, CNCEC, and governmental bodies to streamline decision-making.

Training and Knowledge Transfer:

- Conduct training sessions for project staff and stakeholders to sustain the PHC framework post-deployment.
 - Document project learnings to inform future large-scale infrastructure projects in Nigeria.
-

Conclusion:

The application of the PHC Service to the revival of the 135MMscfd gas processing plant at ALSCON offers an effective means to ensure project delivery that is timely, efficient, and meets high standards of governance. This strategic approach will not only rejuvenate ALSCON's operational capacity but also reinforce Nigeria's role as a significant player in the global aluminium market, fostering long-term industrial and economic development.

Order Efficiency Ltd is committed to supporting the success of this landmark project through expert oversight, efficient governance, and comprehensive project health control.

Cost Structure

Category	Description	Total Cost
Training and Development	Training for Stakeholders and PHC staff on system use and reporting	[undetermined]
Travel and Logistics	Travel costs for on-site setup, inspections, and team collaboration	[undetermined]
Risk Management	Risk assessment resources, including contingency planning and insurance	[undetermined]
Cloud Services/Data Storage	Data storage for project datasets and real-time reporting	\$1,900
Miscellaneous Expenses	Unexpected costs related to logistics, setup, or project adjustments	[undetermined]
PHC Setup Costs	Costs for PHC Service in Phase 1	\$61,160
PHC Continuation Costs	Costs for PHC Service in Phase 2	\$917,280

This table provides a structured overview of potential expenses, with placeholder values to be filled as budget details are finalized.

Additional Considerations

(1) The cost includes an allowance for trainees on the project as an optional use of the project's Corporate Social Responsibility budget.

For the PHC Setup phase: 3x Trainees at a total cost of \$15,120.

For the PHC Continuation phase: 20x Trainees at a total cost of \$403,200

If the Trainee option is omitted, the PHC costs for Setup and Continuation reduce to \$47,040 and \$514,080 respectively.

(2) The table reflects the costs for PHC core elements of the Setup and Continuation phases only. Other costs remain 'undetermined' pending early-as-possible definition after the PHC Service start. The early stages of PHC Service implementation will help identify these additional costs.

(3) For Cloud Services, costs detailed are for access to the proprietary database from Claris Filemaker allowing 10 seats, sufficient for the PHC Team and selected operational staff from Stakeholder Groups. For the whole project workforce, PHC data is accessed via a browser-based username/password system which we provide free as part of the PHC Service offering.

Order Efficiency Ltd

Project Health Control (PHC)

PHC Service Setup Phase							05/01/2025
P023 – ALSCON Gas Project	Hourly Rate to Person	PHC Provider Markup	Hourly Rate to Client	People in Role	Hours / Week	Contract Hours	Contract Cost
Strategist	\$120	40%	\$168	1	10	120	\$20,160
Analyst	\$80	40%	\$112	1	20	240	\$26,880
Admin	\$45	40%	\$63	0		0	\$0
Trainee	\$15	40%	\$21	3	20	720	\$15,120
Guest	\$0	40%	\$0	0	0	0	\$0
		40%		Months	3		
				1 st Contract	yes	1080	\$62,160
Lump Sum Start	\$12,432		\$12,432	20% (applies only to 1 st Contracts)			
Monthly Split	\$16,576		\$16,576				
Month	Payment	Partner	Transfer				
1	\$29,008	\$2,901	\$26,107				
2	\$16,576	\$1,658	\$14,918				
3	\$16,576	\$1,658	\$14,918				

PHC Service Continuation Phase							05/01/2025
P023 – ALSCON Gas Project	Hourly Rate to Person	PHC Provider Markup	Hourly Rate to Client	People in Role	Hours / Week	Contract Hours	Contract Cost
Strategist	\$120	40%	\$168	1	10	480	\$80,640
Analyst	\$80	40%	\$112	1	30	1,440	\$161,280
Admin	\$45	40%	\$63	3	30	4,320	\$272,160
Trainee	\$15	40%	\$21	20	20	19,200	\$403,200
Guest	\$0	40%	\$0	0	0	0	\$0
		40%		Months	12		
				1 st Contract	no	25440	\$917,280
Lump Sum Start	\$0		\$0	20% (applies only to 1 st Contracts)			
Monthly Split	\$76,440		\$76,440				
Month	Payment	Partner	Transfer				
1	\$76,440	\$7,644	\$68,796				
2	\$76,440	\$7,644	\$68,796				
3	\$76,440	\$7,644	\$68,796				
4	\$76,440	\$7,644	\$68,796				
5	\$76,440	\$7,644	\$68,796				
6	\$76,440	\$7,644	\$68,796				
7	\$76,440	\$7,644	\$68,796				
8	\$76,440	\$7,644	\$68,796				
9	\$76,440	\$7,644	\$68,796				
10	\$76,440	\$7,644	\$68,796				
11	\$76,440	\$7,644	\$68,796				
12	\$76,440	\$7,644	\$68,796				

Project Specific:

1	ALSCON Gas Processing Plant Project Summary
2	PHC Report (including SCALPED documents)
3	PHC Portal Access
4	P023 Rate Calculator.xlsx
5	P023 Rate Calculator Setup Phase.pdf
6	P023 Rate Calculator Continuation Phase.pdf

PHC Generic

1	Order Efficiency Profile.pdf
2	Why Projects Break Budgets.pdf
3	PHC Activities.pdf
4	TNA Activities.pdf
5	QA-13 - The PHC Value Proposition.mp4
6	PHC in Action.mp4
7	PHC Concerns Management Scope.pdf
8	Seven PHC Lists.mp4

Sincerely,



Mr, David Winter – Director - Order Efficiency Ltd

david.winter@order-efficiency.com

<https://www.order-efficiency.com>

<https://www.phcport.com>

Tel: +44 1621 772110

Mob: +44 7484 323339