Media Report

Cenpower TBM Unveiling And Project Milestone Update Event - 20.04.16

Background

On Wednesday, the 20th of April 2016, Group Five, the EPC contractor, commissioned by Cenpower Generation Company Limited to construct the 350MW Kpone Independent Power Plant (KIPP) in Ghana, set an engineering record with the deployment of a Tunnel Boring Machine (TBM) at the project site.

The TBM will be used to construct the seawater intake and outfall tunnels, which will be used as a cooling system for the Combined Cycle Gas Turbine (CCGT) power plant, which represents an engineering feat yet to be replicated elsewhere in Subsaharan Africa.

In addition to the arrival of the TBM on site, the other key recent project milestone is the arrival and installation of the first Gas Turbine, Generator and auxiliaries.

Project Owners, Cenpower Generation Company Ltd also used the occasion to give a status update on the project, which is over 40 per cent complete.

The following media houses were invited to cover the event: The Daily Graphic, The Graphic Business, The Ghanaian Times, The Business and Financial Times, The Daily Guide, The Ghana Business and Finance Magazine, Joy FM, Citi FM, Starr FM, TV3, GTV, UTV, Metro TV, Ghana News Agency, Xinhua News Agency and Reuters Newswires.

Agency also liaised with Group Five's PR Manager based in Johannesburg, Isabella Makuta, for event release to the South African Media.

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Event Press Pack

In line with Agency's media management policy, an event press pack was produced and given to all journalists who were invited to cover the event. The pack comprised of a hard copy media release, the Cenpower KIPP project fast facts and profiles of a selection of Directors of the KIPP project partners (Cenpower, Group Five and Coleman Tunneling), especially those who will be physically conducting the presentations and giving a tour of the plant's facilities.

A DVD was also included which contained soft-copies of the above documents as well as copies of the various presentations from the CEO of Cenpower Generation Company Ltd, Contracts Director of Group Five and the Managing Director of Coleman Tunneling Africa Ltd. Additional material and pictures on the Tunnel Boring machine was also included in the DVD. A copy of the press pack has been handed over to the client.

The Electronic Broadcast Media – Radio and TV

The event was covered and aired in all major prime time news bulletins of the following networks – Joy FM, Starr FM, Citi FM, TV3, GTV, UTV and Metro TV. Hard copy clips of the reports have been collated and will be handed over to Client.

Online Media Reports

The Ghanaian online media reports were as usual very extensive. Apart from the report appearing on the websites of all the invited media houses, other online platforms with Ghanaian focused news content also culled the report for their own news coverage. Below are the links to the reports, which appeared online.

1. **Ghana News Agency** - http://www.ghananewsagency.org/economics/veep-lauds-cenpower-102928

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- 2. Ghana government website
 - http://www.ghana.gov.gh/index.php/news/2703-veep-lauds-cenpower
- 3. **Ghanaian Times** http://www.ghanaiantimes.com.gh/veep-calls-for-completion-of-cen-project-on-schedule/
- 4. **Daily Graphic** http://www.graphic.com.gh/news/general-news/62495-veep-inspects-work-on-kpone-independent-power-plant.html
- 5. **ModernGhana.com** http://www.modernghana.com/news/687357/well-meet-2017-target-to-add-350mw-to-grid-cenpower.html
- 6. GBC Ghana http://gbcghana.com/1.8968743
- 7. Ghanaweb.com
 - http://www.ghanaweb.com/GhanaHomePage/business/We-ll-meet-2017-target-to-add-350MW-to-grid-Cenpower-432633
- 8. **Starr FM** http://www.starrfmonline.com/1.8969670
- 9. **Ghana Politics Online** http://ghanapoliticsonline.com/inspects-ongoing-cenpower-project/
- 10. Kowaa Radio http://koowaa.com/business/veep-lauds-cenpower/
- 11.**Ghanaman.com** http://www.ghanaman.com/topic/veep-inspects-kpone-independent-power-plant-1/
- 12. **Metro TV** http://www.mymetrotv.tv/index.php/news/item/581-veep-inspects-work-on-kpone-independent-power-plant
- 13.**Citi FM Online** http://citibusinessnews.com/index.php/2016/04/21/350mw-cenpower-project-40-complete-photos/
- 14. Citi FM Business News Report
 - http://citibusinessnews.com/index.php/2016/04/21/empower-vra-financially-to-make-payments-cenpower-ceo/
- 15.Xinhua Chinese News Agency http://news.xinhuanet.com/english/2016-04/22/c_135301661.htm
- 16.**Ghana Trade.com** http://ghanatrade.gov.gh/Latest-News/well-meet-2017-target-to-add-350mw-to-grid-cenpower.html
- 17. **Ghana Politics Online.com** http://ghanapoliticsonline.com/inspects-ongoing-cenpower-project/

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- 18. Ghana Lifestyle.com http://www.ghanalifestyle.com/veep-unveils-tunnelmachine-for-kpone-power-plant/
- 19. Newsghana.com http://www.newsghana.com.gh/veep-lauds-ghanaspartnership-with-cenpower/
- 20. The B&FTonline.com -

http://thebftonline.com/business/economy/18650/cenpower-project-42complete.html

21. Construction Review Online -

http://constructionreviewonline.com/2016/04/combine-cycle-power-plantin-ghana-is-at-42-complete/

22. Business Ghana.com -

http://www.businessghana.com/portal/news/index.php?op=getNews&news_ cat id=&id=210362

23. Vn.com -

http://article.wn.com/view/2016/04/21/Veep inspects work on Kpone Ind ependent Power Plant/

- 24. Ghanaman.com http://ghanaman.com/topic/veep-inspects-kponeindependent-power-plant-1/
- 25. Zipped Multimedia.com http://zippedmultimedia.com/2016/04/22/veepunveils-tunnel-machine-for-kpone-power-plant/74027
- 26. Ghanamma.com http://www.ghanamma.com/2016/04/22/veep-unveilstunnel-machine-for-kpone-power-plant/

Print Media

1. The Ghana Business and Finance Magazine

The Ghana Business and Finance Magazine is published monthly. Agency will provide a hard copy of the magazine to Client when it is published and made available to the public by the first week of May.

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2. The Daily Guide, Friday 22nd April 2016. Page 9



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3. The Daily Graphic, Thursday 21st April 2016. Pages 32 and 49



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4. The Ghanaian Times, Thursday April 21 2016: Page 17



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5. The Graphic Business, Tuesday 26th April 2016: Page 26



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6. The Business and Financial Times, Tuesday 26th April 2016: Page 3



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7. The Business and Financial Times, Tuesday 26th April 2016: Energy Supplement



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8. The Media Release



Cenpower's 350MW IPP Project sets Sub-Saharan African Engineering Record

20 April 2016: Acera - The EPC contractor, commissioned by Cenpower Generation Company Limited to construct the 350MfW Kpone Independent Power Plant (KIPP) in Ghana, is setting an engineering record with the deployment of a unique Tunnel Boring Machine (TBM) at the project site. The TBM will be used to construct the sea water intake and the sea water outfall, which will be used as a cooling system for the Combined Cycle Gas Turbine (CCGT) power plant.

The EPC Contractor for the project is Group Five Power International of South Africa. "We have come to a very critical stage in the plant's construction. The sea water pipelines for the cooling water system cannot be constructed manually using conventional open trench techniques. In order to minimize the environmental impact of construction activities, we need specialised equipment, which up to now have not been deployed in Sub-Saharan Africa," said Stephen Trickett, Contracts Director of Group Five.

Group Five, has therefore subcontracted underground tunnelling experts, Coleman Tunnelling Africa (Pty) Ltd, which will deploy the TBM, the likes of which is used to drill underground passages, subways, and tunnels, to construct the sea water intake and outfall.

"Our task is to tunnel four drives starting from two launching shafts constructed on the seashore. Two of these tunnels will be straight and underneath the seabed (offshore) whilst the other two tunnels will be curved. shaped and onshore under the natural ground to the power plant, without disturbing the natural environment," said Noel Kerr, Managing Director of Coleman Microtunnelling.

Engineering Analysis say the arrival of the TBM opens up very interesting possibilities for engineering and infrastructure development in Ghana in the oil and gas, , transport, water and sewage management industries. This technology can be used to construct underground passages and tunnels without destroying top-level surfaces and can be used to eliminate the construction of open sewerage drains, which are prevalent in Ghana and other parts of Africa.

Currently, the power plant EPC project is over 40 per cent complete. In addition to the arrival of the TBM on site, the other key recent project milestone is the arrival and installation of the first Gas Turbine, Generator

"We are on schedule as per our timelines to complete the project as planned and to provide the full 350MW of electricity supply to the grid by the 4th Quarter of 2017. Congower Generation is highly committed to delivering the project on time and the support from our partners; EPC Contractor, sub-contractors, the Community, the project sponsors, lenders and other Stakeholders is tremendous" said Theo Sackey, Chief Executive Officer of Cenpower Generation Company Limited.

Upon completion, the plant, which comprises the 350MW Combined Cycle Gas Turbine (CCGT) plant, a 161kV power substation as well as fuel delivery, treatment and storage facilities and Working Capital funding for fuel, would add up to approximately 20 per cent of Ghana's total thermal power generation.

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Notes to Editors

About Cenpower Generation: Cenpower Generation Company Limited ('Cenpower Generation') is a special purpose Company set up to develop, build and implement the Kpone IPP (KIPP) project, a 350MW light crude oil and gas fired combined cycle power plant in the municipality of Kpone ('KIPP'), within the Tema industrial zone, near Accra, Ghana. The KIPP, one of the largest infrastructure projects currently under development in West Africa, is the first greenfield thermal project financed IPP in Ghana. The shareholders of Cenpower are:

- Africa Finance Corporation www.africafc.org
- Sumitomo Corporation of Japan www. sumitomocorp.co.jp/English/
- Cenpower Holdings Limited www.cenpowerholdings.com
- Africa Infrastructure Investment Fund 2 of South Africa www.aimafrica.com and
- . FMO of Netherlands www.fmo.nl

For more information, visit www.cenpowergen.com

About Group Five: Group Five was selected as Cenpower's Engineering Procurement and Construction ("EPC") contractor after a rigorous international procurement process. Group Five is a diversified Construction, Infrastructure Concessions and Related Services group engaged in resources, energy, real estate and infrastructure delivery with a growing international client base in South Africa, the rest of Africa and Eastern Europe. For more information, visit www.groupfive.co.ca

About Coleman Tunnelling Africa: Coleman Microtunnelling was established in 1971 and has gained over 40 years' experience providing tunnelling solutions to major role players in the oil, gas and water industries. http://www.colemanmicrotunnelling.com

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9. Cenpower Website Updates

The News Section of the Cenpower Website - http://cenpowergen.com/news.html - is very outdated with the last entries made between April and June 2015, about a year ago.

Agency recommends that all media clips from the event are loaded onto the website in line with what the event sought to achieve as a milestone project update. Subsequently, updated drone videos of the project's progress can also be uploaded as latest updates on infrastructure development on the project site.

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