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An Inventory Management for World Food Program (WFP) Beans Distribution to IDPs and Deteriorating Rate with Partial Backlogged Under Boko Haram Terrorists Caliphate in Nigeria.

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This study looks into the challenges of the critical situation faced by the World Food Program (WFP) on inventory management during humanitarian assistance under the stronghold of the Boko Haram terrorists caliphate, in Gwoza, Borno State, Nigeria. However, the EOQ model under such a man-made disaster and a terrorists region with an unavoidable task that required additional cost of military escorts transportation services on foodstuffs (Beans) and other items to the various destinations of internally displaced persons camps (IDPs Camps) that involved military assistance as a backup with a significant increase in holding/carrying cost and the ordering cost. The safety of the humanitarian workers (WFP) and the foodstuff (Beans) consignment and other items are very important. Keeping scenario in mind, and attempt has been made to formulate a suitable EOQ model to optimise the performance of the World Food Program.

Keywords: Inventory Management, EOQ, WFP, Boko Haram Terrorists, Foodstuffs.

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