

Mission : NGO

Project : Hand Pumps & Casing Pipes

Time Period : 2008 - 2018

Location : Sub-Saharan Africa

Contract Value : USD 2.1 MM+



Reliable Supply Chains

Professional Staff Allocated

Barry Kroon — Managing Director (USA)
 Alexis Pugh — Program Coordinator (USA)
 Jamie Klotz — Project Specialist (USA)

Project Objective:

The objective of this project is to provide clean drinking water to remote locations in sub-Saharan Africa, through the supply of high-quality, stainless-steel hand pumps.



Planning: IPA works closely with local representatives to assess their mission needs and provide total supply chain solutions that minimize risk, while maximizing program budgets. We research durable equipment that will withstand heavy use and be suitable for the local environment. Rather than the standard India Mark-II pumps, we have found that corrosion-resistant stainless steel is much better for long-term projects.



Procurement: We also tailor the design to meet regional preferences. For example, it is more prevalent to use the square flange pedestal in Ghana whereas Zambia uses three-legged pedestals. Furthermore, in hotter climates it can be beneficial to use thicker pipes to prevent warping.



Pre-Shipment Services: Quality and quantity are confirmed by a privately contracted inspector prior to shipping. Pumps are assembled and tested at the factory, and container loading is supervised.



Logistical Solutions: We can provide delivery to any port or main city, but can also offer full-service delivery to remote, inland destinations. If needed, we can also include the purchase of the containers for storage until the program is ready to install the pumps.



After-Sales Support: We regularly communicate with field offices to aid in assessing their current inventory, in order to maintain and replace aging equipment. Year after year we provide ongoing support by replenishing stock of pump sets, pipes and spare parts.



IM-II Pump Components



IM-II Head Assemblies



Screening Pipes



Casing Pipes

