



# ANNEXURE-A

## FOR

### LPG SAMPLING CYLINDERS (BOMBS)

Project #	061-001-ED-159
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Project	Development of LPG Testing Laboratory at Taftan
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S. No	Description	Qty	Unit	Rate (USD)	Amount (USD)
1.00	The job includes the supply of LPG sample cylinders for the LPG laboratory testing at Taftan, Balochistan. Metal sample cylinders of a type which ensure maximum safety and which are corrosion resistant to the product being sampled should be used. Stainless steel cylinders are recommended to minimize problems of surface adsorption of heavy components (hexanes and heavier components) and to minimize the reaction of carbon dioxide or other contaminants with the container. Sample cylinders and valves must have a working pressure equal to or exceeding the maximum pressure anticipated in sampling, storage, or transportation of the sample cylinders. Soft-seated valves are preferable to those having metal-to-metal seats. The sample cylinder should be fitted with an internal outage (ullage) tube to permit release of 20% of the cylinder capacity. The end of the cylinder fitted with the outage (ullage) tube shall be clearly marked.				
1.01	Supply of 300 ml LPG Sample cylinder (bombs)	35	Nos.		
1.02	Supply of 500 ml LPG Sample cylinder (bombs)	50	Nos.		
1.03	Supply of 1000 ml LPG Sample cylinder (bombs)	15	Nos.		
	<b>TOTAL (USD)</b>				

Note:	
1	All prices shall be CNF Karachi
2	All technical details (Operation & Maintenance) must be provided with the proposal.
3	Quotation shall be provided with Two (2) years operational spares with guaranties.
4	Transportation to site at Taftan Border (Pak.-Iran) border.