**REQUEST FOR QUOTATION  
SPECIFICATION OF STANDARD GOODS**

**Procurement No:** 46-G004-26

## Specification

### Background

This project is to support efficiency the safety within the Fuel Farm. Fire Pump is very important when there is Fire in the Depot.

### Requirements

All supporting documentation must be in English.

### Installation services

To be installed at KOIL Branch in Kiritimati Is.

### Delivery Time

44 Days

## Description of the Goods

*Here, list all items to be Tendered*

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  | **Fire Pump Specification** | | | |
|  | **HSSEF** | | | |
| 1 | Containerized fire pump 20f Container | | | |
| 2 | Diesel Driven Engine | | | |
| 3 | Brands (should be popular in Australia & NZ) and SGS approved for China popular brands | | | |
| 4 | System monitor: onsite & remote | | | |
| 5 | Type: Horizontal Split Case | | | |
| 6 | Alignment with the existing layout and wiring system ports and emergency switch | | | |
|  | **Plant Technical Details** | | | |
| 7 | Flow range | 280m3/h | 1250 gpm |  |
| 8 | Operation Pressure | 1500kpa |  |  |
| 9 | Operation Temp | 0-60 |  |  |
| 10 | Engine Speed range | 1670 |  |  |
| 11 | Sunction Flange | 6" /150mm |  |  |
| 12 | Discharge flange | 5” /125mm |  |  |
|  | **Material** | | | |
| 13 | Casing | Cast iron | |  |
| 14 | Impeller | Bronze | |  |
| 15 | Shaft | AISI 316 or equivalent |  |  |
| 16 | Sealing | Gland Packing |  |  |
| 17 | Bearing Hoursing | Rolling bearing |  |  |
| 18 | Suction/Discharge | ANSI/ASME B16.1 |  |  |
|  |  |  | |  |
|  | **Availability of Parts** | | | |
| 19 | Parts should be readily available for 10+ years | | | |
| 20 | Parts includes fittings, and other mechanical parts such as radiator, turbo charger, etc. | | | |
| 21 | 1 Outlet valve 5” | | | |
| 22 | 1 Inlet Valve 6” | | | |
| 23 | 6 hydrant valve 65mm | | | |
| 24 | 6 Hydrant Hose (Fit to Hydrant Valve) | | | |
| 25 | 6 Hydrant Nozzle | | | |