TECHNICAL SPECIFICATION OF ITEM NO 1, H-1(C)-HA-13550,GREASE PX-11 (PRESERVATIVE MINERAL JELLY BEES WAX)

Ref:

A. BOF Specification no SYB-1501-56 for Rifle Grease.

B. Standard Handbook for Mechanical Engineers.

C. Fuchs Product Information Brochure for 'Renolit FEP' Product code 503.

D. Mobil Product Guide 'Mobilux EP.

E. Meghna Petroleum Ltd. Brochure for 'BP Anergrease LS and LSEP.

F. Shell Lubricants Handbook.

01. Composition: 9 Parts of PX-6 and 1 Part of Bees wax (100% pure)

02. Characteristics of PX-11:

a.	Base	Lithium
b.	Penetration worked at 25^0C	265~ 295
c.	Reaction	Neutral or alkalescent.
d.	Corrosion test (Steel specimen, 100^0 C, 3 hours	No corrosion should appear.
e.	Ash Content	0.05 % (Max)
f.	Acidity	0.35 mg KOH/gm (Max)
g.	Dropping Point ^{0}C	180 ~ 190

03. Other Terms and Conditions

a. Before preparation of Grease PX-11, its main constituents/ingredients i.e PX-6 and Bees wax must be submitted separately to IA&E for inspection and approval. The accepted ingredients will be mixed in presence of IA&E representative for preparation of Grease PX -11.

b. The grease should be procured from any authorized manufacturer of Bangladesh Petroleum Corporation and should ensure the following points.

(1) Container used in packing should be new, cleaned and sealed.

(2) Quality Certificate from the manufacturer with the results conforming the specified quality of their standard products should be submitted.

(3) Warranty/Guarantee certificate should be submitted to the effect that the store will not deteriorate during use at least for 01 (one) year.

(4) Description of the store with nomenclature, date of production and name of manufacture should be printed on each container.

c. Authority Holding Sealed Particulars :CI, IA&E Gazipur Cantt.

d. Inspecting Officer : CI,IA&E or his authorized representative

e. Inspection Instruction : Before bulk supply, the advance sample must be approved by IA&E.