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23.27.0000.240.32.01.24.15.01.25

15 January 2025

INVITATION ON EXPRESSION OF INTEREST (EOI) FOR ESTABLISHMENT OF INDUSTRIAL NITRIC ACID PRODUCTION PLANT IN BANGLADESH ORDNANCE FACTORIES (BOF)

Reference:

A. Temporary Industrial Co-ordination Cell, Army Headquarters Letter number 23.01.901.044.003.01.03.01.18 Dated 03 January 2018.

1. Bangladesh Ordnance Factories (BOF) is a Defence Hardware Manufacturing Factory for Bangladesh Armed Forces, providing support in last 54 years. Recently as a step forward, BOF has decided to establish Industrial Nitric Acid Production Plant to enhance the defence production capability of BOF. Interested vendors can submit their Expression of Interest (EOI) with details information mentioned in annexure-A.

2. In this regard, you are requested to collect EOI through Armed Forces Division (AFD) to the Defence Wing/Consulate of Bangladesh to the reputed Principal of said countries mentioned in annexures. The EOI should be submitted by hard copy or soft copy to BOF at e-mail address (dir.plg.maint@bof.gov.bd, bof@army.mil.bd, bofproj@gmail.com) by 28 February 2025.

3. It is forwarded for your necessary and early action please.

AKM JOGLUR RAHMAN KHAN
Brigadier General
For Commandant

Annexure:

A. Establishment of Industrial Nitric Acid Production Plant - 01 (One) page.

Distribution:

External:

Action:

Temporary Industrial Co-ordination Cell (TICC)
(C/O: Directorate of Movement and Quartering)
Quarter Master General's Branch
Army Headquarters, Dhaka Cantonment

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Information:

Armed Forces Division (Admin and Logistics Directorate), Dhaka Cantonment

Army Headquarters, General Staff Branch (Directorate of Weapon, Equipment & Statistics),
Dhaka Cantonment

Army Headquarters, Master General of the Ordnance Branch (Ordnance Directorate),
Dhaka Cantonment

Internal:

Action:

Administration and Material Branch
(Attention: Deputy Director Material)

Information:

Production Branch
(Attention: Director Production)

ANNEXURE A TO

BOF Letter no 23.27.0000.240.32.01.24.15.01.25

Date: 15 January 2025

ESTABLISHMENT OF INDUSTRIAL NITRIC ACID PRODUCTION PLANT IN BANGLADESH ORDNANCE FACTORIES (BOF)

Factors For Expression of Interest

1. Production plant should be capable of manufacturing 98% concentrated Industrial Nitric Acid. For storing the finished product (98% concentrated Nitric Acid), there should be an adequate number of storage tanks or jerry cans available at the plant. Maximum capacity of each jerry can should be 35 litre. Storage tank/Jerry cans should be long lasting.
2. Detail technical specification of associated machinery, equipments, 98% Concentrated acid containers, accessories etc.
3. The capacity of production plant should be minimum 7 litre/hour.
4. Likely time for establishment including installation, commission, trial run, training, trial & sustained production (from opening of LC).
5. Likely area required for the production plant, Safety area around production plant, Raw material and finished product storing area and nature of construction (detail breakdown).
6. Safety measures of production plant (if any).
7. List of machines, equipment and raw materials (metallic and chemicals) for the production plant.
8. Sources, specification and supply chain of raw materials, accessories, tools and other items.
9. Fast moving spare parts with material specification and drawing.
10. Information regarding waste material treatment plant (if necessary).
11. Warranty period.
12. After sales service (duration of service support to be mentioned).
13. Approximate cost with gross breakdown (in a separate envelop).
14. Details of Transfer of Technology (TOT) including cost as follows:
 - (a) Details plan of technology handover and takeover.
 - (b) Stages of implementation.
 - (c) Details of production process.
 - (d) Details of raw material of individual component (technical specification, inspection procedure, consumption rate, procedure of quality control and lab test etc).
 - (e) Training, Installation, Commission, Trial Run, Trial & Sustained Production.
 - (f) Any other related technical know-how to complete the production plant.
15. Payment terms (in details).
16. Country of origin and shipment (Belgium, China, Czech Republic, Pakistan, Russia, Serbia, Spain, South Korea, Turkiye, Germany, UK and others).
17. Manpower requirement (managment, supervisor, technicians, maintenance, etc).
18. Working day and hour per week.
19. Experience of setting up similar production line in other countries.
20. Utility service requirement.
21. Requirement of evaluation visit by BOF to manufacturing country.
22. Any other suggestion/ opinion.