



TOGETHER
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OCCASION

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22448

Ashrafiat Sahnaya
Industrial Zone
Tel: 11-3734344
Damascus - Syria

Our Ref. UN 99407

Your Ref. 2000/024/TR

Date, 8/4/2000
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United Nations Industrial development Organization (UNIDO)
General Services Branch
Administrative and Financial Control
Field Operations and Administration Division
P.O.Box 300
A-1400 Vienna
AUSTRIA
Attention: V.Koloskov, Contracts Officer

Final Report

Subject: - UNIDO contract No. 2000/024
- page:14 - condition no.2.17 b)- Final report

As per contract no. 2000/024 signed on Feb.2nd by Unido and Feb.19th by us
- page no.14 - condition no.2.17 b)- final report, we send you below our
final report in which we confirm the completion of all works under the
contract no. 2000/024.

Evaluation of engineering layouts:

Al-Hafez representatives provided us with two separate sets of
engineering layouts (one set for Al-Hafez and another for Safa workshops
and warehouses). Our engineers checked and evaluated these engineering
layouts and after inspection the plant sites and careful study to the
safety aspects prepared their reports for the necessary modifications on
plant sites. Following are kind of evaluated layouts:

- Layouts for water networks,
- Layouts for pressurized air networks,
- Layouts for ventilation ducts and systems,

M. Hana C

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- Layouts for air flow systems,
- Layouts for electrical networks,
- Layouts for installed safety networks and systems,
- Layouts for c-pentane tank installation and piping related systems.

Evaluation of civil layouts:

Al-Hafez representatives provided us with two separate sets of civil drawings (one set for Al-Hafez and another for Safa workshops and warehouses). Our engineers checked and evaluated these drawings and after inspection the plant sites and careful study to the safety aspects prepared their reports for the necessary modifications on plant sites.

Review of TUV safety inspection report:

Al-Hafez representatives provided us with safety inspection report that was already prepared by TUV and which include many recommended modifications in civil design at Al-Hafez and Safa factories. Our engineers confirmed that all points that were mentioned in TUV report are necessary and should be done to fulfil international safety standards in such industrial plants.

List of needed construction materials:

In our above reports about modification of civil structure, our engineers included lists and quantities of various construction materials that client should provide. These lists were delivered to AL-Hafez representatives to act accordingly.

M. Nawaz

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New layout design for C-pentane areas:

After reviewing available layouts and drawings and inspection c-pentane areas, new layouts were prepared to erect and handle various safety systems at Al-Hafez and Safa factories.

New layout design for foaming and mixing areas:

After reviewing available layouts and drawings and inspection foaming and mixing areas, new layouts were prepared also to erect and handle various safety systems at Al-Hafez and Safa factories.

New layout design for production areas:

After reviewing available layouts and drawings and inspection production areas, new layouts were prepared to erect and handle various safety systems at Al-Hafez and Safa factories.

New layout design for electrical networks:

After reviewing available electrical layouts and drawings and inspection all sections at Al-Hafez and Safa factories, new modified layouts were prepared taking into consideration the various safety systems that are and will be erected at Al-Hafez and Safa factories.

Inspection of production and office locations:

Our engineers have inspected all equipments and installations that are already exist in all workshops, warehouses, offices and other locations at Al-Hafez and Safa factories to ensure that the recommended modifications and new constructions will not interrupt any installed system especially the safety ones.

M. Hawsa

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Supervision and participation in construction works:

Upon preparing reports of the required modifications in civil engineering design and new construction works, our engineers took into consideration all available systems and accordingly all stated works were studied carefully no to interrupt other system. Our engineers coordinated with AL-Hafez representatives about this point and so participated and supervised on all construction works to ensure about this matter. This was done at both Al-Hafez and Safa factories.

Consulting:

WE have assist Al-Hafez co. to obtain necessary permissions from national authorities to operate with cyclopentane gas at Al-Hafez and Safa factories.

Construction works at c-pentane areas.

As agreed following construction works were completed according to our studies and which conformed with TUV report:

- Building additional concrete bases at c-pentane tank area at Al-Hafez factory.
- Building additional concrete bases at c-pentane tank area at Safa factory.
- Building additional supporting walls at c-pentane area at Al-Hafez factory.
- Building additional supporting walls at c-pentane area at Safa factory.
- Building additional infrastructure for the c-pentane tank area at Al-Hafez factory.
- Building additional infrastructure for the c-pentane tank area at Safa factory.

M. Hafez

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- Construction works to modify the foaming and mixing areas to erect and handle additional safety installations and equipment at Al-Hafez factory.
- Construction works to modify the foaming and mixing areas to erect and handle additional safety installations and equipment at Safa factory.
- Construction works to expand and modify the production areas to erect and handle additional safety installations and equipment at Al-Hafez factory.
- Construction works to expand and modify the production areas to erect and handle additional safety installations and equipment at Safa factory.
- Construction works to expand and modify electrical networks to erect and handle additional safety installations and equipment at most of production sections at Al-Hafez factory.
- Construction works to expand and modify electrical networks to erect and handle additional safety installations and equipment at most of production sections at Safa factory.

As stated above we have finalized all the works that were agreed upon in contract no. 2000/024 - TOR for RfP 99/244. However, we are attaching a confirmation letter from Al-Hafez Co. stating their acceptance for all finalized works.

Thank you again for your interesting to our company to perform above order and hope we have met your needs for this order and that we continue to serve you in the future. In case of any inquiry, please do not hesitate to contact us.

With kind regards

TECNO PLAST ESTABLISHMENT

Mhd Hamzeh

1. Review of the available civil engineering documentation related to the existing buildings and storage places prepared by Al-Hafez or provided by the general contractor as well as the technical documentaion related to the utility systems (e.g. water, air and c-pentane pumps and piping systems, ventilation, canalization etc.).
2. Inspection of the production and office buildings and locations of the supplying and supporting systems and its safety assesments.
3. Review of the TUV safety inspection report and identify/verify the scope or required additional civil engineering design works and construction, modification of layouts of equipment from the integrated safety point of view and in accordance with the international and national construction safety standard requirements.
4. Specification of requirements for additional construction materials.
5. Supervision and participation in required construction works to be coordiated with the practical modification of electrical and mechanical equipment, supplying supporting and safety systems and instrumentation.
6. Implementation of the following construction works at Al-Hafez and Safa factories requested by TUV in coordination with the electrical and machanical safety works:
 - building additional concrete bases at c-pentane tank area;
 - building additional supporting walls at c-pentane tank;
 - making additional underground and overground concrete works for c-pentane pipeline;
 - modifications at the foaming and mixing areas;
 - making necessary expansion and modifcations at the production area.
7. Advise and assist the client in obtaining the relevant permission from local safety authorities to operate with c-pentane.

AL HAFEZ CO.

P.O. Box : 958 / Damascus - Syria

Tel. 6714600 - 2322010

Fax: 6714607 - C.R. 912 I.R. 1



AL-HAFEZ CO.
P. O. Box 958
Damascus - SYRIA

شركة الهافظ

ص. ب. : ٩٥٨ / دمشق - سوريا

هاتف: ٦٧١٤٦٠٠ - ٢٣٢٢٠١٠

فاكس: ٦٧١٤٦٠٧ - ٩١٢ - ص.ب. : ١



We thank you for your kind assistance and cooperation to succeed this project and we believe that all safety requirements are fulfilled now and no other production problems will be arisen.

Yours faithfully

Al Hafez Co.

Adel Suleiman

AL-HAFEZ CO.
P. O. Box 958
Damascus - SYRIA

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فاكس: ٦٧١٤٦٠٧ - س.ت: ٩١٢ - س.ص: ١

TECNO PLAST ESTABLISHMENT

DAMASCUS - ASHRAFIAT SÁHNAYA

مؤسسة تكنو بلاست

دمشق - أشرفية صحنايا

Ashrafiat Sahnaya
Industrial Zone
Tel: 11-3734344
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Our Ref. UN 99407

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United Nations Industrial development Organization (UNIDO)
General Services Section
Financial Performance Control Branch
Field Operations and Administration Division
P.O.Box 300
A-1400 Vienna
AUSTRIA
Attention: V.Koloskov, Contracts Officer

Invoice 362100c

Subject: -Your contract no. 2000/024 TR /

Qty	Specification	Unit Price U.S.Dlrs	Total Price U.S.Dlrs
	Engineering consulting and redesign of technical layouts for c-pentane tank areas, foaming and mixing areas, production areas, and electrical networks at Al-Hafez and Safa factories.		
	Construction works for the modifications and expansion of c-pentane tank areas, foaming and mixing areas, production areas, and electrical networks at Al-Hafez and Safa factories.		
			39403,00
			<u>39403,00 /</u>

Only USD Thirty nine thousand four hundred and three.

M. Hamed

TECNO PLAST ESTABLISHMENT

DAMASCUS - ASHRAFIAT SÀHNAYA

مؤسسة تكنو بلاست

دمشق - أشرفية صحنايا

Ashrafiat Sahnaya
Industrial Zone
Tel: 11-3734344
Damascus - Syria

Our Ref. UN 99407

Your Ref. 2000/024 TR

Date, 8/4/2000
Page: 2/2

Payment: by bank transfer to the following account:

Account name: TECHNO PLAST ESTABLISHMENT

Account no: 6388/1/3

Bank name: BANQUE DU LIBAN ET D'OUTRE MER-SAL

HAMRA BRANCH - P.O.Box 11-1912

TEL: +961-1-346290/1/2/3/4/5/6

FAX: +961-1-602148

BEIRUT - LEBANON

With kind regards

TECNO PLAST ESTABLISHMENT

M. H. H.