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**TEA Computers  
Final Report  
for  
Contract 90/073  
UNIDO Project No. SI/EGY/89/801**

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## INTRODUCTION

**This report is to summarize the activities undertaken by TEA Computers as per contract 90/073 for UNIDO Project No. SI/EGY/89/801 in the objective of "Development of Special Computer Programmes for CAD/CAM of medium - sized dies and moulds". The Team selected by TEA Computers for these tasks was exactly that specified in the above mentioned contract in article 2.03 "Contractor's Personnel ", and the time frame of this assignment in its globality and per person was accurately observed and timely followed so as to attain the best and most accurate results.**

**At completion of the task the programmes mentioned in article 2 " Annex E " in the above mentioned contract were adopted to run on the hardware stated in that same and particular section and were tested according to functional requirements of this annex and the User Manuals and Technical Reference Manuals delivered to Vespa Misr prior to start of testing.**

**The whole project was successfully executed and the attached user satisfaction and completion of works statement attests to this.**

## **BODY**

**The project was organized in two tightly related activities both in Cairo hence no travelling and/or external services were required and work immediately started were the forthcoming activities were executed:**

- 1. Assessment of requirements.**
- 2. Adoption of software programmes**
- 3. Testing adopted programmes on Vespa Misr hardware.**
- 4. Delivering of the software and acceptance by End User**

**During the entire mission a full coordination between the end- user" Vespa Misr ", and TEA Computers was in lieu by both the Team Leader and the Team coordinator.**

**Organizing the work among the Team and maintaining the work process flow were the job performed by the Team Leader while coordinating the work was carried on by the Team coordinator.**

## **1) Assessment of Requirements**

**Immediately after TEA Computers was awarded the contract no.90/073, TEA Computers Team nominated in Paragraph 2.03 of the contract, started their assignments by assessing the functional requirements described in the "Technical Terms of Reference" for UNIDO project no. SI/EGY/89/801. A plan was set for the integral roles for each person of the team. The plan depicted the activities time required along with the sequencing and coordination of all these activities. The various software programmes were ordered after a full agreement on every module with VESPA MISR**

**Upon acquiring the software programmes the Team started the adoption process of the software on a system similar to that specified and ordered by UNIDO for Vespa. After installation an assessment of the functional requirements was made to ensure the integration presence of all basic functional requirements.**

## **2) Adoption of software programmes**

**The process of adopting the software programmes started by preparing the system software to accommodate the various application programmes, this task was undertaken by the Team System Software Specialist . Following to this task both our Application Specialists worked on adopting the software programmes to conform with the functional requirements. This task covered the examining of the intrinsic functionalities of the programmes to verify its compliance with the requirements. Sample jobs for dies and moulds were performed on the system utilizing the adopted programmes to try their capabilities and ensure their functionalities.**

**The Team was meanwhile and afterwards busy preparing the User Manuals and Technical Reference Manuals of the system and all the resources were made available to ensure that adequate and fully conforming manuals are ready for delivery for the End User who took delivery of these manual and signed a receipt evidency this event. (previously delivered for UNIDO for second payment of this contract).**

**The adopted software programmes and documentation were then available and ready to be tested statically and dynamically by our Team in conjunction with the End User.**

### **3. Testing adopted programmes on Vespa Misr hardware**

**When Vespa Misr informed us of the availability of the hardware as specified and purchased by UNIDO, our specialist moved to the site and helped in inspecting the hardware and attended its installation together with the System Software (Operating System and Basic System Tools). The Software specialist took the charge of properly loading the Adopted Applications on the actual system and a full software testing was run on the hardware to verify systematically all the functions in the presence of the Application Specialist and Vespa Misr anticipated End users**

### **4. Delivering of the software and acceptance by end User**

**Upon running all tests a final acceptance run was done by both our Team and the End User and proved that the adopted software programmes were running and functioning at the end-user site in conformance with the functional requirements described in the Technical Terms of Reference.**

**The End User then took delivery of the adopted software who signed the Acceptance form, a copy of which is enclosed as annex (A) of this report.**

## **CONCLUSION**

**Following the acceptance of Vespa Misr of the adopted software as depicted in Annex (a) we thereby have concluded the task specified in contract 90/073 and all the Technical Terms of reference in that contract were observed and executed.**

**As of the date shown in "Acceptance Certificate" as shown in Annex (a) of this report, the End User, i.e. Vespa Misr has received all requirements as specified in the contract stated above and is aware of all the technical requirements related to its use and can operate it on the hardware mentioned in the contract. The End User was also made aware of the further enhancements and capabilities he can add to the system either by further purchases or developments.**

**To that end TEA Computer's task is fully performed and all its obligations in that contract were executed in full to the satisfaction of the End User.**



**TEA Computers S.A.**

# **ANNEX A**

**Contract 90/073**

**UNIDO Project SI/EGY/89/801**

VESPA MISR



فيسبا مصر

UNDER LICENSE

ACCEPTANCE FORM

We undersigners for and behalf of Vespa Misr certify that the items listed below constituting "Final Installation and adoption of software at Vespa Misr site" of the Immediate Technical Services for Interfacing CAD/CAM with Tool Engineering in Egypt, UNIDO project SI/EGY/89/801, have been delivered to our premises, received and accepted by ourselves.

MODEL NO.	DESCRIPTION
CSSSW4XG-1002	CVMAC Compiler
CSSSW4XF-3522	CVNC-M3
CSSSW4XF-5002	Flat Pattern
CSSSW4XG-1520	Basic Eng. Comp.
ASSSW4XL-307	Calcomp 1025 Support
ASSSW4XS-011	Initial Appl.SW
CSNSW42M-6330	CAD3
CSNSW42F-6311	CAM1

For and on behalf of:

Vespa Misr

Signature : *Fahmy Abdel Meguid*

Name : DR. FAHMY ABDEL MEGUID

Title : MANAGING DIRECTOR

Date : 5TH DECEMBER, 1990

INV1/ACC