

**COMPLETION REPORT FOR PROJECT:**

**Strengthening Secondary Education in Iraq, Phase I**

**Summary**

<b>Participating UN Organisation:</b> UNESCO	<b>Cluster:</b> Sector Outcome Team: Education (Cluster B: Education and Culture)
<b>Project No. and Project Title:</b> B1-15: "Strengthening Secondary Education in Iraq, Phase I"	<b>Project Location/Region/Province:</b> The project is operational in 13 Educational Directorates: Erbil, Karkuk, Baghdad/Rasafa3, Baghdad/Rasafa2, Baghdad/Rasafa1, Baghdad/Karkh1, Baghdad/Karkh2, Baghdad/Karkh3, Najaf, Basrah, Misan, Thi Qar, and Muthana.
<b>Reporting Period:</b> 1 September 2005 - 31 December 2007	<b>Report Number:</b> Final Report
<b>Counterpart organisations / implementing partners:</b> Ministry of Education, Baghdad	<b>Project cost:</b> at approval = USD 4,721,300 at completion = USD 4,718,370 Left over resources = USD 2,930
<b>Abbreviations and acronyms:</b> SSE: Strengthening Secondary Education MoE: Ministry of Education DOE: Directorate of Education MDGs: Millennium Development Goals EFA: Education for All NDS: National Development Strategy	<b>Project Duration:</b> September 2005 – December 2006 Two extensions has been done: 1- till 30 June 2007 2- till 31 December 2007

## I. Purpose

### **Main objectives and outcomes expected as per approved Project/Programme/project document:**

The project aimed at strengthening and rebuilding the secondary levels of education in Iraq through the provision of equipment for school science laboratories and libraries as well as the training of teachers and librarians of these schools. Specific objectives are:

- To support the reconstruction of secondary schools and school facilities in Iraq. In particular, it aims to contribute in relevant terms to quality science teaching in secondary schools through the provision of science teaching facilities and capacity building of science teachers.
- To rehabilitate secondary school libraries in Iraq by providing up-to-date books, maps and other teaching/learning materials and also by equipping them with IT facilities and trained staff to maintain/use the facilities for ensuring access to a wide range of relevant materials to secondary school teachers and students.

### **Reference to how the programme/project related to the UN Assistance Strategy to Iraq and how it aimed to support Iraq national development goals and the Millennium Development Goals :**

#### **UN Assistance Strategy for Iraq / UN Millennium Development Goals:**

This project aims to address the joint UN Assistance Strategy for Iraq within cluster B as well as the UN Millennium Development Goals through enhancing the quality level of secondary education. This is addressed in all activities of the project that comprise all aspects of the secondary education sector. The project focuses on rehabilitating science laboratories at 55 secondary schools and provides them with science laboratories and furniture, IT, data loggers and AV equipment, developing and printout of 30 science experiment manuals. Rehabilitate 55 libraries at 55 secondary schools; provide them with library furniture and up-to-date books. The project includes capacity building programmes for science laboratory teachers, principals, supervisors and technicians as well as capacity building programme for school library principals, supervisors and teachers aiming at upgrading their knowledge, experience and to enable the existing educators to meet the full range of diverse needs in the learner population.

This project fits well within the framework of the Millennium Development Goals as it aims to reduce poverty by enhancing the quality level of secondary education that will lead to increasing employment opportunities and decreasing income generation (MDG1 T1), including widening employment opportunities to youth (MDG 8 T16) and ensuring access to skills in new technologies in partnership with private sector (MDG 8 T18). Finally, the project endeavours to achieve main EFA Goals: progress towards better quality in education.

#### **Joint Needs Assessment / Iraqi National Development Strategy:**

The project addressed the following issues and goals that fit within the Joint Needs Assessment and the Iraqi National Development Strategy:

- Support the reconstruction of secondary schools facilities in Iraq and in particular contribute to relevant and quality science teaching in secondary schools through the provision of science teaching facilities and capacity building of science teachers.
- Rehabilitate secondary school libraries in Iraq by providing up-to-date books, maps and other teaching/learning materials and also by equipping them with IT facilities and trained staff to maintain/use the facilities for ensuring access to a wide range of relevant materials to secondary school teachers and students.

### Project Management arrangements

The implementation and supervision arrangements of the project activities are mainly carried out by the UNESCO-Iraq Office, Amman, Jordan. UNESCO in consultation with the Iraqi MoE has reviewed the detailed equipment lists, terms of reference for the training programs, and carried out the monitoring of progress in the implementation of the project through the UNESCO Monitoring Team - to be set up right from the inception of the project.

The delivery and installation of equipment, monitoring the operation of computer laboratories, preparations for the training of library staff to ensure the effective and efficient use of the equipment has been undertaken in close consultation with MOE.

The Ministry of Education was responsible for planning and supervision with close cooperation and consultation of national staff and UNESCO Amman. The MoE was responsible for the assessment of the schools' needs in terms of the objectives contained in each sub-programme.

UNESCO relied and sought cooperation from both UNICEF and UN-HABITAT for the identification of the secondary schools which are relatively better-off in terms of both structures and students' threshold for reasons of widespread students' participation, easy implementation and cost effectiveness based on their experiences and documentation on school rehabilitation programme and activities currently in place. Cooperation of ILO and UNIDO was also sought in identifying respectively the potential subject areas to be strengthened and for skills development, organization of technical workshops, apprenticeship training and for obtaining specification of equipment to ensure relevance and quality of education.

UNESCO has an established financial and legal monitoring system, which assured compliance with agreed norms within the UN system for operating such projects. Every effort has been made to relate estimated costs of the project to existing pay scales, contractual procedures and existing administrative structures.

## II. Resources

**Total approved budget and summary of resources used for the programme/project from the UNDG Iraq Trust Fund (and non-Trust Fund resources where applicable):**

### UNDG ITF funds received.

Total funds allocated for the project: US\$ 4,721,300.-

Total funds assigned: US\$ 4,718,370 (99.94%)

Total funds available: US\$ 2,930 (0.06%)

Details:

BL	Category	Allocation	Assigned	Actual Disbursed	Available
10'	Staff Travel	54,000	44,000	37,236	0
11 Staf f	Consultants	106,000	106,000	106,000	0
13	Salaries	37,200	37,216	37,216	9
20	Contracts	1,110,000	1,015,307	1,011,681	1

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30	Training	990,000	373,665	373,665	2
40	Equipment	2,089,000	2,809,926	2,786,131	74
50 Mis	Miscellaneous	26,000	26,000	25,002	0
50 Sec	Security	88,244	88,244	2,192	0
80	Agency Management Support Cost	220,856	218,013	218,013	2,843
TOTAL		4,721,300	4,718,371	4,597,136	2,929

Approved budget revisions:

Comments:	Budget Revision
1st Extension & Budget Revision	24th January 2007
Second Budget Revision	23rd March 2007
2nd Extension & 3rd Budget Revision	16th May 2007
4th Budget Revision	25th November 07

**Justification:** The initial allocated budget for the equipment was less than originally estimated. This is due to the fact that the project documents foresaw equipping one Science laboratory in each secondary school. Upon the Ministry's request, UNESCO re-adjusted the action plan in order to cater for the need of three laboratories in each school, which amounts to a total of 165 laboratories at 55 schools.

Additionally, some activities were re-scheduled to take place in other countries following the events which took place in Jordan on 9 November 2005 and the revised UN security level. Such changes obliged UNESCO Iraq to change the venue of several workshops to more expensive countries, which also led to the increase in the budget requirements.

#### **Human Resources**

The project is managed by one International Consultant. The national staff working on this project includes: 6 National Officers in Amman, 6 Project Assistants in Amman (both cross-funded from different projects).

#### **Project Assets**

N/A

See the final resources utilisation overview at annex 2.

### III. Results

#### **An assessment of the extent to which the programme/project component / programme /project has achieved the outcomes and outputs expected**

The project aimed at strengthening secondary education in 55 of the most devastated and destroyed secondary schools in 13 pre-selected educational directorates: Erbil, Karkuk, Najaf, Basrah, Misan, Thi Qar, Muthana, and 6 educational Directorates in Baghdad. The project main components were: 1) The rehabilitation of science laboratories and libraries; 2) The provision of equipment and educational resources; 3) The development of Laboratory Experiment Manuals; and 4) Training programs for teachers, technicians, principals, and librarians in the selected 55 schools.

As a result, Science laboratories in 55 secondary schools were rehabilitated and equipped, science teachers and lab technicians were trained on the maintenance of science laboratories facilities, 55 libraries were rehabilitated and equipped with books, maps and other teaching/learning materials, IT facilities provided, and librarians trained.

#### The project main achievements are:

1. The total of 701 staff members from the 55 schools trained, including school principals, science teachers, science laboratory technicians, and librarians.
2. 31 Laboratory Experiment Manuals developed and 450 copies of each distributed to the schools;
3. Three science laboratories and one library in each selected school rehabilitated; and
4. Furniture, laboratory apparatus, tools, glasses, ICT<sup>1</sup> equipment, books, maps, and other educational resources made available to be used by approximately 33,000 students and 2,100 teachers.

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#### Basic Activities:

- The total of 7 capacity building programs carried out benefiting (701) staff members in the 55 schools trained, including School Principals, Science Teachers, Lab Technicians, and Librarians.
- 165 Science Laboratories were rehabilitated at 55 Secondary Schools.
- 165 Science Laboratories received Laboratory Furniture.
- 165 Science Laboratories received Equipment. Equipment includes: Biology Laboratory Equipment; Physics Laboratory Equipment; and Data Loggers Equipment.
- Library Furniture was delivered to 55 Secondary Schools.
- IT & AV Equipment were delivered to 55 Secondary Schools.
- 15 Teachers' Experiment Manuals printed (400 copies of each to be distributed to the 55 schools).
- 15 Students' Experiment Manuals prepared and delivered to the Ministry of Education in Baghdad.

See log frame results matrix at annex 1.

<sup>1</sup> ICT denotes to *Information and Communication Technologies*

**Main activities undertaken and achievements/ impacts:**

Output 1:

A detailed and adapted inventory for Iraqi secondary schools science labs was formulated, at least 55 secondary schools rehabilitated and equipped with science laboratories, Science teachers trained and auxiliary staff trained on the maintenance of science laboratories facilities.

Activities undertaken include:

1. 165 Science Laboratories were rehabilitated at 55 Secondary Schools in the following directorates: Erbil, Karkuk, Baghdad/Rasafa3, Baghdad/Rasafa2, Baghdad/Rasafa1, Baghdad/Karkh1, Baghdad/Karkh2, Baghdad/Karkh3, Najaf, Basrah, Misan, Thi Qar, and Muthana.
2. 165 Science Laboratories received Laboratory Furniture.
3. 165 Science Laboratories received Equipment. Equipment includes: Biology Laboratory Equipment; Physics Laboratory Equipment; and Data Loggers Equipment.
4. 15 Teachers' Experiment Manuals printed (400 copies of each to be distributed to the 55 schools).
5. 15 Students' Experiment Manuals prepared and delivered to the Ministry of Education in Baghdad.
6. School Principals Training Programme organized in Germany, from 21 till 26 May 2007 benefiting 9 Iraqi officials from the MoE-Iraq. The purpose of the training programme was to improve the Ministry of Education Iraq participants' knowledge, skills, and attitudes in equipping secondary school principals with the necessary basic management concepts and related skills for effective and efficient school management.
7. Laboratory Technicians Training Programme organized in Germany from 27 May till 1 June 2007 benefiting 12 Iraqi officials from MoE- Iraq. The purpose of the training programme was to improve the Ministry of Education Iraq participants' knowledge, skills, and attitudes in helping chemistry, physics, and biology teachers in conducting experiments, tests, and analyses and supervising all activities that are carried out in the laboratory.

Output 2:

Selected schools identified, libraries rehabilitated and equipped with books, maps and other teaching/learning materials, IT facilities provided, library staff trained and a staff development programme, monitoring and evaluation scheme set up.

Activities undertaken include:

1. 35 School Libraries were rehabilitated at 35 Secondary Schools.
2. Library Furniture were delivered to 55 Secondary Schools.
3. IT & AV Equipment were delivered to 55 Secondary Schools.

**Implementation constraints, lessons learned from addressing these and knowledge gained from assessments, evaluations and studies that have taken place during the project:**

1. The greatest obstacle facing the project management team was allocating for the laboratories. As resources were intended for only one laboratory per school, whereas every secondary school in Iraq has three laboratories; physics, chemistry, and biology labs. Equipping all three labs entailed allocating additional funds, by minimizing expenditure on rehabilitation works and training.
2. Due to the language barrier, translations of some of the scientific terminologies used in the

educational tools, equipment and brochures were misleading or not compatible with the scientific terminologies used in Iraq. In the future, in order to ensure the soundness of the Arabic language used in educational tools and brochures, it is preferred that such materials be produced in Arab countries or printed in Iraq.

3. The shipment of chemical materials was delayed due to the abundance of regulations and limitations concerning the exchange and the transport of chemical materials between countries.
4. The company supplying the chemical products packed all chemical materials in small containers. Containers of similar chemical content were packed together to avoid the danger that might result from packing different chemicals in close proximity. Meanwhile, other equipment and glassware intended for each school were packed together. This arrangement delayed the equipment delivery. Suppliers need to use high-quality shipment packages and to specify their sizes in the equipment contracts, in order to facilitate their transport and the inspection of their content. The supplier should also adhere to the international packaging and sealing specifications and stamp packages with seals that describe the contents of the packages in detail.
5. To avoid the delay in delivering the goods, invitations to tenders should stress that bidding companies should be very specific when estimating the timeline required for delivery of good and should adhere to it.
6. Due to the reduction of the equipment quantities as a result of insufficient allocations, labs were not provided with basic equipment such as the electronic balances and digital microscopes. Therefore, it is planned that such equipment will be provided in Phase Two of the project, thereby meeting the needs of all schools.
7. The installation of the Lab and Lib equipment was carried out by a team from the MoE who received training by UNESCO. It was agreed that installation teams should be selected from the Educational Directorates covered by phase two of the project and not from the MoE.
8. Providing school libraries with books proved to be a very complicated process, starting from the selection of titles, through the selection of the publisher and the copyright issues, till the purchase of the books (where in most cases one offer received for each title). Thus, purchasing library books by means of tendering is neither reasonable nor practical. It must be added that it is also difficult to put precise technical specifications for each book. At the same time, UNESCO procurement manual does not allow direct purchasing, such as from exhibitions. Therefore, many of the complications, pending issues, and delays are mainly the result of the mechanism by which books are provided to schools. Therefore, a new mechanism needs to be established that would address the specific nature of books as protected intellectual property.
9. The low participation of Iraqi suppliers in the project activities was mainly due to the lack of internet services in Iraq, it has been recommended that UNESCO publish tender invitations in Iraqi newspapers, in order to encourage the participation of Iraqi institutions and companies in UNESCO's tendering activities.

**Key partnerships and inter-agency collaboration, impact on results:**

UNESCO relied on cooperation from both UNICEF and UN-HABITAT for the identification of the secondary schools which are relatively better-off in terms of both structures and students' threshold for reasons of widespread students' participation, easy implementation and cost effectiveness based on their experiences and documentation on school rehabilitation programme and activities currently in place.

**Highlights and cross cutting issues pertinent to the results e.g. gender disaggregation, policy engagement and participation of the public:**

*Security:* Security issues are being addressed fully in accordance to the mechanisms and modalities and put in place for the on-going activities. However, every effort will be made to seek the cooperation of all UN agencies currently working in Iraq for the successful implementation of these project activities.

*Gender:* The project covers 55 Secondary Schools (28 for Boys and 27 for Girls)

*Human Rights:* The project work plan includes the production of the following teaching materials for the Secondary Schools:

1. Guidebook for Helping Students Cope with Stress, Violence and Disasters
2. Teaching Special Need Children Guidebook in Iraqi Schools
3. Teaching Gifted Student Guidebook

*Employment:* After the completion of secondary level education, graduates can be utilized to create more national resources, and adopt a more efficient rate of growth to reduce the disparity between developed and underdeveloped regions of Iraq. At the national level, the project seeks to provide short-term (6-12 months) employment opportunities to 100-150 Iraqi nationals during the rehabilitation process of science laboratories and libraries.

*Environment:* The project work plan includes the production of Safety Rule and Guidelines in Science Laboratories and School Libraries and how to deal with chemicals and hazardous materials.

## IV. Follow up actions and sustainability

**Priority actions that should be supported/implemented following completion of project to build on achievements and partnerships rectify shortcomings encountered and use the lessons learned during the project with strong emphasis on achieving sustainability of the outcomes:**

### **Project Proposal: Strengthening Secondary Education in Iraq-Phase II**

Upon requests from Iraqi MoE in Baghdad and Kurdistan Regional Governorate (KRG), second phase of the project will take the same approach to help achieve quality education in 62 of the most devastated and destroyed secondary schools in 10 educational directorates in Iraq. Both Iraqi MoEs in Baghdad and KRG consider that strengthening and provision of equipment to science laboratories and libraries are important to successfully launch secondary education reform in the context of overall development of the Iraqi Education System (see the enclosed support letters).

In line with UNESCO's mandate, the project primarily aims at helping the restoration process for the secondary education system in Iraq. UNESCO has the longstanding expertise in providing needed facilities and educational resources including science laboratories equipments and libraries books to secondary schools; capacity building/training of principals, teachers, librarians, and technicians; and the development of student's experiment manuals.

### **Anticipated Outputs and Results:**

1. Science laboratories and libraries in 62 of the most devastated and destroyed secondary schools in Iraq rehabilitated.
2. Furniture, equipment, and learning resources provided to the science laboratories and libraries in the selected secondary schools.
3. Capacity building programs for school staff (including science teachers, principals, technicians, and librarians) organized.
4. Student's Experiment Manual developed and delivered to the selected schools.

### **Indication of major adjustments in the strategies, targets or key outcomes and outputs:**

- It was agreed with the MoE that the implementation of rehabilitation works in the second phase of the project will be the responsibility of the MoE. Therefore, MoE will cover the cost of the rehabilitation works for the Laboratories and Libraries in the selected 62 schools.
- In order to ensure the soundness of the Arabic language used in educational tools and brochures, it is preferred that such materials be produced in Arab countries or printed in Iraq.
- It was agreed with the MoE to arrange for the production of some science lab equipment inside Iraq in collaboration with the Iraqi Ministry of Industry in Baghdad.
- In order to ensure proper time management of project activities, a member of the project management body should be assigned to coordinate the implementation of the project activities according to the set timeframe.
- The amount of electronic balances and digital microscopes to be purchased in Phase Two of the project should cover the needs of both Phase One and Phase Two of the project.
- Phase two will include schools in directorates that were not included in Phase One of the project; which are Al-Sulaymaniyah, Duhuk, Ninawa, Salah al-Din, Al-Anbar, Karbala, Wasit, Al-Diwaniyyah, Diyala, Babil, Al-Rusafah al-Thalitha/ Baghdad.
- The equipment will be the same as that provided to schools in Phase One of the project, but with amending, omitting, adding, and changing the quantity of equipment and updating their technical specifications. The project management will organize a workshop at the MoE to amend the list of equipment and specify the quantities, while taking into account lessons learnt from Phase One, in order to save time and activate the MoE's role in taking decisions regarding the equipment, and to ensure that any equipment needs not covered during Phase One of the project are covered in Phase Two.
- Providing the schools with modern projection equipment.
- Obtaining additional ink for printers provided to schools.

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- Refraining from obtaining multifunctional equipment (3 in 1 equipment), such as a three-in-one scanner, printer, and copier and to obtain three separate appliances instead. The MoE's will contribute to covering the cost of raw materials required for manufacturing educational printing matters and other equipment.
- Each lab will be provided with one computer, while school libraries will be provided with two computers each.
- Equipment intended for schools in the Kurdistan Region should be shipped by the suppliers directly to Kurdistan.
- The project plan should involve organizing a training program on the manufacturing of glasses.
- Participants asserted that obtaining books should be done through exhibitions and not through tenders.
- Phase Two of the project plan should involve supporting the capabilities of the MoE to produce certain instruments that can be manufactured in the ministry's workshops instead of purchasing them in each phase of the project. This is intended to guarantee the continuance of the project outcomes after the project itself is completed and to meet the needs of all the schools in Iraq. The participants suggested two types of equipment for printing educational brochures.

#### **Estimated Budget required:**

SSE, Phase Two:

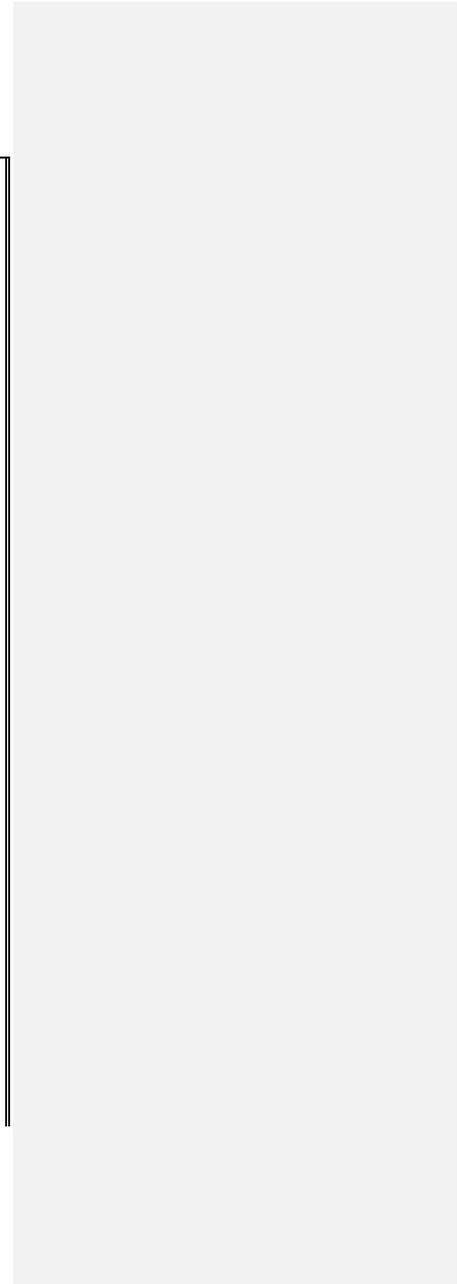
Total Budget: USD 5,880,843

**Annex 1 Key Performance Indicators – Log Frame Matrix**

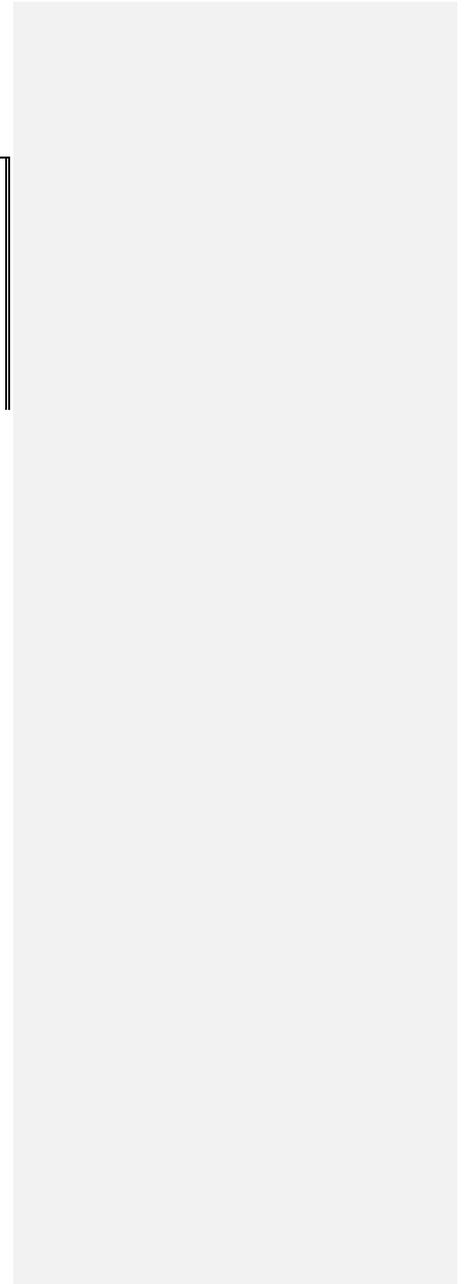
Objectives	Measurable indicators	Means of verification	Outcomes
<p>Development Objective</p> <p>Contribute to the revival and renovation of (secondary) education and promote modernization of teaching and learning activities</p>	<p>Number of secondary school science laboratories and libraries rehabilitated and equipped</p>	<p>Project monitoring team within Iraqi MoE and UNESCO national staff collecting information on levels of implementation</p>	<ul style="list-style-type: none"> <li>• The total of (701) staff members in the 55 schools trained, including School Principals, Science Teachers, Lab Technicians, and Librarians.</li> <li>• 165 Science Laboratories were rehabilitated at 55 Secondary Schools.</li> <li>• 165 Science Laboratories received Laboratory Furniture.</li> <li>• 165 Science Laboratories received Equipment. Equipment includes: Biology Laboratory Equipment; Physics Laboratory Equipment; and Data Loggers Equipment.</li> <li>• Library Furniture was delivered to 55 Secondary Schools.</li> <li>• IT &amp; AV Equipment were delivered to 55 Secondary Schools.</li> <li>• 15 Teachers' Experiment Manuals printed (400 copies of each to be distributed to the 55 schools).</li> <li>• 15 Students' Experiment Manuals prepared and delivered to the Ministry of Education in Baghdad.</li> </ul>

<p><b>Immediate Objectives:</b></p> <p>Secondary schools teachers/pupils provided with access to science laboratories activities, books and other materials available in libraries.</p>	<p>Science laboratories in operation in 55 secondary schools and libraries in operation in 55 secondary schools</p>	<p>MOE's assessment of improvement in teaching/learning</p>	<p>The project aimed at strengthening secondary education in 55 of the most devastated and destroyed secondary schools in 13 pre-selected educational directorates: Erbil, Karkuk, Najaf, Basrah, Misan, Thi Qar, Muthana, and 6 educational Directorates in Baghdad. The project main components were: 1) The rehabilitation of science laboratories and libraries; 2) The provision of equipment and educational resources; 3) The development of Laboratory Experiment Manuals; and 4) Training programs for teachers, technicians, principals, and librarians in the selected 55 schools.</p> <p>Science laboratories in 55 secondary schools rehabilitated and equipped, science teachers trained and lab technicians trained on the maintenance of science laboratories facilities, 55 libraries rehabilitated and equipped with books, maps and other teaching/learning materials, IT facilities provided, and librarians trained.</p>
<p><b>OUTPUTS:</b></p> <p>55 school science laboratories and library facilities equipped; materials delivered; staff trained to serve faculty and pupils</p>	<p>Number of schools reporting use of new facilities and materials</p>	<p>School libraries' records of books circulation and facilities use</p>	<p><u>Output 1:</u> <i>outcomes included:</i></p> <ol style="list-style-type: none"> <li>1. 165 Science Laboratories were rehabilitated at 55 Secondary Schools in the following directorates: Erbil, Karkuk, Baghdad/Rasafa3, Baghdad/Rasafa2, Baghdad/Rasafa1, Baghdad/Karkh1, Baghdad/Karkh2, Baghdad/Karkh3, Najaf, Basrah, Misan, Thi Qar, and Muthana.</li> <li>2. 165 Science Laboratories received</li> </ol>

			<p>Laboratory Furniture.</p> <ol style="list-style-type: none"><li>3. 165 Science Laboratories received Equipment. Equipment includes: Biology Laboratory Equipment; Physics Laboratory Equipment; and Data Loggers Equipment.</li><li>4. 15 Teachers' Experiment Manuals printed (400 copies of each to be distributed to the 55 schools).</li><li>5. 15 Students' Experiment Manuals prepared and delivered to the Ministry of Education in Baghdad.</li><li>6. School Principals Training Programme organized in Germany, from 21 till 26 May 2007 benefiting 9 Iraqi officials from the MoE-Iraq. The purpose of the training programme was to improve the Ministry of Education Iraq participants' knowledge, skills, and attitudes in equipping secondary school principals with the necessary basic management concepts and related skills for effective and efficient school management.</li><li>7. Laboratory Technicians Training Programme organized in Germany from 27 May till 1 June 2007 benefiting 12 Iraqi officials from MoE- Iraq. The purpose of the training programme was to improve the Ministry of Education Iraq participants' knowledge, skills, and attitudes in helping chemistry, physics, and biology teachers in conducting experiments, tests, and analyses and supervising all activities that are carried out in the laboratory.</li></ol> <p><u>Output 2:</u> Outcomes included:</p>
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			<ol style="list-style-type: none"><li>1. 35 School Libraries were rehabilitated at 35 Secondary Schools.</li><li>2. Library Furniture were delivered to 55 Secondary Schools.</li><li>3. IT &amp; AV Equipment were delivered to 55 Secondary Schools.</li></ol>
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## Annex 2 PROJECT COSTS

<b>BL</b>	<b>Category</b>	<b>UNDG ITF Approved Budget</b>	<b>Budget Revision</b>	<b>2nd Budget Revision</b>	<b>TOTAL Assigned</b>	<b>TOTAL Disbursed</b>	<b>Available on Allocation</b>
<b>10'</b>	Staff Travel	<b>54,000</b>	25th November 07	5.1%	44,000	37,236	0
<b>11Staff</b>	Consultants	<b>106,000</b>	-	-	106,000	106,000	0
<b>13</b>	Salaries	<b>37,200</b>	-	-	37,216	37,216	9
<b>20</b>	Contracts	<b>1,110,000</b>	23rd March 2007	9.5%	1,015,307	1,011,681	1
<b>30</b>	Training	<b>990,000</b>	16th May 2007	62.2%	373,665	373,665	2
<b>40</b>	Equipment	<b>2,089,000</b>	16th May 2007	34.5%	2,809,926	2,786,131	74
<b>50 Mis</b>	Miscellaneous	<b>26,000</b>	-	-	26,000	25,002	0
<b>50 Sec</b>	Security	<b>88,244</b>	-	-	88,244	2,192	0
<b>80</b>	Agency Management Support Cost	<b>220,856</b>	-	-	218,013	218,013	2,843
<b>Total</b>		<b>4,721,300</b>	-	-	4,718,371	4,597,136	2,929

**Annex 3 List of contract awards by procurement method**

<b>FR #</b>	<b>Description</b>	<b>BL</b>	<b>Allocated</b>
3240134250	ASSOCIATED ARCH REHAB MONITORING	20	76,740.00
3240133583	BME CENTER TRAINING LAB TECH	30	69,711.00
3240098094	BUSNIESS CARDS QASEM AL NEWASHI	50	28.25
3240142510	CHEMISTRY LAB EQUIP SSE ALTAY SC	40	174,951.64
3240141578	CNTRCT ORCHID HOTEL CO MEETING 12-14 JUNE 07	30	271.19
3240109406	FEE CNTRCT KHAIR SULEIMAN REVIEWNG EXP MANUALS	20	7,350.28
3240096472	FEE CNTRCT ORGANIZING WRKSHOPS SRDC	20	26,271.18
3240112888	FEE CNTRCT SALEH LAMEI SAMARRA PROJECT	20	0.00
3240116329	FEE CNTRCT YUKLEM CO. 4-5TH OCT 06 SALEH LAMEY	20	0.00
3240114233	FEE CONTRACT AL SAMI TRADE CO.	20	6,658.50
3240136833	FEE CONTRACT STARS ORBIT BGHD MONITORS	20	8,389.00
3240136353	FIRST AID TRAINING UNESCO STAFF	50	700.00
3240131745	FUEL COUPON PURCHASES FOR OFFICE VEHICLES	50	855.93
3240145366	FUEL COUPONS FOR OFFICE VEHICLES	40	1,283.90
3240139243	FURNITURE INSTALLAION TOOLS AL SAMI	40	2,168.00
3240113056	HOSPITALITY EXPENSES SAMARRA PRJCT MEETNG AUG	30	0.00
3240098578	HP COLOR INKJET 5943 PRINTER DJELID	40	103.11
3240123281	IT EQUIP GCE CO. SSE	40	214,255.00
3240123280	LAB FURNITURE PROTECH SSE	40	1,096,934.00
3240095870	LAPTOP MS SUMIA ED MISD	40	1,377.12
3240090356	LAPTOP PURCHASE QASEM AL NEWASHI MISD SSE	40	1,257.06
3240148295	LIBRARY BOOKS DAR WAEL SSE	40	193,809.00
3240087138	MANAGER CHAIR OFFICE FURNITURE	40	231.64
3240102200	MIS OFFICE EXPENDITURES	50	4.24
3240120267	MOE WORKSHOP LOW COST EQUIP JORDAN 24NOV SSE	30	6,820.00
3240120268	MOE WORKSHOP LOW COST EQUIP JORDAN 24NOV SSE	30	13,200.00
3240134570	MONITORING CONTRACT SAMI CO.	20	23,434.00
3240144785	MONITORING REHAB WORK SC LAB STAR ORBIT	20	500.00
3240142018	ORIENT TRANSP SHIPPING DATA LOGGERS	40	8,344.00
3240114916	PHOTOCOPYING MANUALS SSE WRKSHP NATALIE	30	521.44
3240121290	PHOTOCOPYING TEACHNG MANUALS SSE WRKSHPS	30	105.08
3240134015	PHYSICS EQUIPMENT ALTAY SC	40	217,846.77
3240137247	PREPARING 15 STUDENT EXP MANUALS TO 55 SCHOOL	20	85,200.00
3240133311	PREPRESS PHYSICS EXP MANUALS MAYMOUN CENTER	20	1,299.44
3240131739	PRINTING BIOLOGY-CHEM MANUALS FAST PRINTING CO	40	42,259.89
3240122471	PRINTING PHYSICS MANUALS AD-DUSTOUR SSE	40	22,636.00
3240121379	PROC BIOLOGY LABS ALTAY SCIENTIFIC SSE	40	336,123.00
3240121377	PROC DATA LOGGERS SSE ABU AISHEH EST.	40	171,687.00
3240121381	PROC LIBRARY FURNITURE WOODS VALLEY SSE	40	231,367.00
3240109061	PURCHASE ONE HP PRINTER INTEGRATED SOLUTIONS	40	275.42
3240143677	PURCHASE ONE NOTEBOOK STS	40	981.64
3240135864	PURCHASING 3 LAPTOPS FOR UNESCO IRAQ OFFICE	40	1,419.49
3240141854	PURCHASING 4 LAPTOPS SSE ACMEWARE	40	3,666.67
3240096556	PURCHASING AC SPLIT UNITS QT 6 DARWEESH KHALIL	40	1,857.34
3240088438	PURCHASING INK CARTRIDGES ED OFFICES	50	529.66

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3240135793	PURCHASING OF FOUR CABINETS AND HANGING FILES	40	254.24
3240146655	PURCHASING OF TONERS FOR PRINTERS	40	148.30
3240142314	PURCHASING SERVER FOR OFFICE ISS	50	1,200.00
3240130982	PURCHASING SPARE PARTS FOR PHOTOCOPIER	40	228.32
3240136693	PURCHASING SPARE PARTS FOR PHOTOCOPIER	40	204.80
3240123305	PURCHASING STATIONERY FOR OFFICE	40	1,575.71
3240123306	PURCHASING STATIONERY FOR OFFICE	40	171.61
3240131135	REHAB SC LABS AND LIBRARIES AL MUSTAFA	20	86,649.50
3240131737	REHAB SC LABS AND LIBRARIES DUBAI CONTRACTING	20	33,541.30
3240131738	REHAB SC LABS AND LIBRARIES PRO DEV	20	73,210.88
3240131136	REHAB SC LABS AND LIBRARIES ZAHRA AL MOROUJ	20	294,180.00
3240134573	SAIT REFRESHER TRAINING MD & SK APRIL 2007	50	1,200.00
3240110526	SAMI CONTRACT JULY-AUG 06 MONITORING&IMPLEMNT	20	26,634.00
3240086576	SECURITY REQUIRMENTS	50	86,344.00
3240106295	SIX FILING CABINETS AMWAJ FOR FURNITURE	40	635.59
3240088990	SOFA SET & TABLES FOR DIRECTOR MIDAS FURN.	40	1,661.02
3240138992	SSE COORDINATION MEETING ATK	30	2,531.00
3240138991	SSE COORDINATION MEETING DSA	30	5,134.50
3240120804	SSE SCHOOL LIB SUPERV, BALQAA 17-26DEC06 DSA	30	22,440.00
3240120802	SSE SCHOOL LIB TRAIN, BALQAA 17-26DEC06 ATK	30	9,406.00
3240099944	STATIONERY & BINDING SSE WRKSHOP AMM	30	157.13
3240135424	STATIONERY FOR IRAQ MONITORS	40	402.77
3240121083	STATIONERY SUPPLIES FOR SSE TRAING WRKSHPS	30	28.25
3240104332	SUB FINAL LIST BIOLOGY EXPERIMENTS MAYMOUN	20	20,060.74
3240104329	SUB FINAL LIST CHEMISTRY EXPERIMENTS SRDC	20	20,484.47
3240104335	SUB FINAL LIST PHYSICS EXPERIMENTS AL-WUSL	20	21,190.67
3240120409	SUPPLYING LAB COATS FOR TRAINING WRKSHPS DEC06	30	635.59
3240134893	TA TRAINING LAB INSTALLATION PRO TECH	30	300.00
3240099255	TELECOMMUNICATION EXPENSES	50	379.52
3240117485	TELECOMMUNICATION EXPENSES BGHD OFFICE	50	388.50
3240116947	TELECOMMUNICATION EXPENSES IRAQNA	50	0.00
3240108143	TELECOMMUNICATION EXPENSES-SAMARRA PRJCT	50	0.00
3240106463	TENDER DOCUMENTS CNTRCT MOHAMD HOMMOS SAMARRA	20	0.00
3240118620	TRAIN PROG 2 BRIDGING DIGITAL GAP 2-14DEC06	20	65,490.00
3240118621	TRAIN PROG 4-5 SUSTAINABLE RESEARCH 27-30NOV06	20	61,984.00
3240100566	TRANSLATION SERVICES 13-14TH APRIL 06 SAMARRA	20	0.00
3240121084	TRNSPORTATION 42 PAR SSE WRKSHOP DEC 06	30	324.86