

**FINAL NARRATIVE REPORT
IRFFI/UNDG IRAQ TRUST FUND (UNDG ITF)**

<p align="center">Participating UN Organization(s)</p> <p>UNICEF</p>	<p align="center">Sector(s)/Area(s)/Theme(s)</p> <p>Water and Sanitation Sector Outcome Team (SOT)</p>
<p align="center">Programme/Project Title</p> <p>E3-13a: Rehabilitation of sewerage facilities in select facilities in Basra City</p> <p>E3-13b: Rehabilitation of water supply systems in select locations in Wasit governorate</p> <p>E3-13c: Extension of storm water and sewer network in select locations in Kerbala governorate</p> <p>E3-13d: Rehabilitation/ extension of water and sewerage networks in select locations in Kirkuk City</p>	<p align="center">Programme/Project Number</p> <p>E3-13 (a, b, c and d)</p> <p>ATLAS Project Number: 54879</p> <p>ATLAS Award Number: 66879</p>
<p align="center">Programme/Project Budget</p> <p>UNDG ITF:</p> <p>E3-13a: Original: US\$1,526,844 Revised: US\$2,054,226</p> <p>E3-13b: Original: US\$1,643,985 Revised: US\$1,537,933</p> <p>E3-13c: Original: US\$1,934,940 Revised: US\$1,942,928</p> <p>E3-13d: Original: US\$2,937,664 Revised: US\$2,563,207</p> <p>Govt. Contribution: US\$0</p> <p>Agency Core:</p>	<p align="center">Programme/Project Location</p> <p>Region(s):</p> <p>Governorate(s): E3-13a: Basra E3-13b: Wasit E3-13c: Kerbala E3-13d: Kirkuk</p>

Other:	District(s): E3-13a: Basra governorate Basra City E3-13b: Wasit governorate Al-Sewaira, Al-Numaniyah, Al-Hay and Al-Kut E3-13c: Kerbala governorate Kerbala City and Al-Hur E3-13d: Kirkuk governorate Kirkuk City
Total:	Original: US\$8,043,433 Revised: US\$8,098,294

Final Programme/ Project Evaluation	
Evaluation Done	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Evaluation Report Attached	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No

Programme/Project Timeline/Duration
Overall Duration E3-13a: 8 Mar 2007 – 30 Sep 2009 (30 months) E3-13b: 8 Mar 2007 – 8 Sep 2008 (18 months) E3-13c: 8 Mar 2007 – 30 Sep 2009 (30 months) E3-13d: 8 Mar 2007 – 8 Nov 2008 (20 months)
Original Duration E3-13a: 8 Mar 2007 – 8 Mar 2008 (12 months) E3-13b: 8 Mar 2007 – 8 Mar 2008 (12 months) E3-13c: 8 Mar 2007 – 8 Mar 2008 (12 months) E3-13d: 8 Mar 2007 – 8 May 2008 (14 months)
Programme/ Project Extensions E3-13a: First extension: 8 Mar 2008 – 8 Sep 2008 Second extension: 8 Sep 2008 – 31 Mar 2009 Third extension: 31 Mar 2009 – 30 Sep 2009 E3-13b: First extension: 8 Mar 2008 – 8 Sep 2008 E3-13c: First extension: 8 Mar 2008 – 8 Sep 2008 Second extension: 8 Sep 2008 – 31 Mar 2009 Third extension: 31 Mar 2009 – 30 Sep 2009 E3-13d: First extension: 8 May 2008 – 8 Nov 2008

FINAL NARRATIVE REPORT

I. PURPOSE

- a. Provide a brief introduction to the programme/project (*one paragraph*)

E3-13a - Basra Governorate

The project addresses the inadequacies in the sewerage infrastructure in select under-served locations in Basra city, while simultaneously contributing to strengthened capacities of Sewerage Authority staff in the proper management of sewerage systems to realize the full beneficial impact on the population. Approximately 400,000 inhabitants in Basra city will have enhanced access to improved sanitation through the rehabilitation of sewerage system in Al-Muwaffaqiya and sewage treatment plant in Hamdan. Significant quantities of wastewater that is presently being discharged into the environment without adequate treatment will be treated thereby minimizing the adverse impact on the environment.

E3-13b - Wasit Governorate

The project addresses the inadequacies in the water supply infrastructure in select underserved locations in Wasit governorate, while simultaneously contributing to strengthened capacities of Water Authority staff in the proper management of water supply systems to realize the full beneficial impact on the population. Approximately 225,000 inhabitants will have improved access to potable water through the rehabilitation of the 200 cubic meters per hour capacity water treatment plant in Al-Sewaira, and water distribution networks in Al-Numaniyah, Al-Hay, and Al-Kut Districts. The whole community stands to benefit from the project irrespective of gender. Women will benefit more from the improved basic services, allowing them more time to devote to other useful/developmental activities. Children will receive better attention, which will be reflected on their enhanced survival and well-being. Rehabilitation works while restoring critical services would also generate both direct and indirect employment and help ease infrastructure bottlenecks and enhance Iraq's economic competitiveness.

E3-13c - Kerbala Governorate

The project addresses the unsanitary conditions in select locations in Kerbala City and the inadequacies in the sewerage infrastructure in select under-served locations in Kerbala governorate, while simultaneously contributing to strengthened capacities of Sewerage Authority staff in the proper management of sewerage systems to realize the full beneficial impact on the population. Nearly 600,000 residents of Kerbala city and the numerous pilgrims who visit Kerbala on a regular basis will benefit from the improved environment in the city. Another 40,000 people in Al-Intesar, and Hai Al-Askari and sector 19 in Al-Hur sub-district will have enhanced access to improved sanitation through the rehabilitation/ extension of sewer network in these locations. The project while addressing the basic services will also bring about considerable improvement in the environment and a consequent improvement in the lives of ordinary people. Rehabilitation works while restoring critical services would also generate both direct and indirect employment.

E3-13d - Kirkuk Governorate

The project addresses the inadequacies in the water and sewerage infrastructure in select unserved and under-served locations in Kirkuk city, while simultaneously contributing to

strengthened capacities of Water and Sewerage Authority staff in the proper management of Water and Sewerage facilities to realize the full beneficial impact on the population.

Approximately 158,000 inhabitants in Kirkuk city will have enhanced access to safe water and improved sanitation through the rehabilitation of water network in Al Nedaa and rehabilitation/extension of sewer networks in Hai Al-Askari, Al-Musalla, Shaterlo, and Hai Al-Baath. Women and girls will particularly benefit from the improved basic services, allowing them more time to devote to other useful/developmental activities. Rehabilitation works while restoring critical services would also generate both direct and indirect employment and help ease infrastructure bottlenecks and enhance Iraq's economic competitiveness.

- b. List programme/project outcomes and associated outputs as per the approved Project Document.

E3-13a - Basra Governorate

Outcome	Output
1. Effective and enhanced water and sewerage services coupled with enhanced environment	1.1. Enhanced access to improved sanitation for 150,000 inhabitants of Basra city through rehabilitated sewerage system
	1.2. Improved functioning of sewage treatment plant benefiting 250,000 inhabitants
2. Capacity of governmental staff strengthened in management, operating and maintenance of water and sewerage systems	2.1. Six government staff has enhanced capacity in the implementation, operation and management of sanitation facilities
3. Temporary employment generated for local residents as skilled and unskilled labour during the implementation period	3.1. About 73,000 person-days of employment generated for local residents as skilled and unskilled labour temporarily during the implementation period

E3-13b - Wasit Governorate

Outcome	Output
1. Effective and enhanced water and sewerage services coupled with enhanced environment	1.1. 200,000 inhabitants have access to increased quantity and improved quality of water by rehabilitating Al-Sewaira Old WTP
	1.2. 25,000 inhabitants receive increased quantity and improved quality of water by rehabilitating water networks in Al-Jameya, Al-Zahra and Hay Tamooz
2. Capacity of governmental staff strengthened in management, operating and maintenance of water and sewerage systems	2.1. Five government staff have enhanced capacity in project implementation, operation and management of water facilities

Outcome	Output
3. Temporary employment generated for local residents as skilled and unskilled labour during the implementation period	3.1. About 66,000 person-days of employment generated for local residents as skilled and unskilled labour temporarily during the implementation period

E3-13c - Kerbala Governorate

Outcome	Output
1. Effective and enhanced water and sewerage services coupled with enhanced environment	1.1. 600,000 inhabitants have access to clean and hygienic environment in the selected locations in Kerbala City through improved collection and disposal of wastewater in Kerbala City
	1.2. Increased coverage to 60,000 inhabitants through rehabilitated/ extended sewer networks in Hai Al-Askari and sector 19 in Al-Hur sub-district
2. Capacity of governmental staff strengthened in management, operating and maintenance of water and sewerage systems	2.1. Six government staff has enhanced capacity in project implementation, operation and management of sanitation facilities
3. Temporary employment generated for local residents as skilled and unskilled labour during the implementation period	3.1. About 95,000 person-days of employment generated for local residents as skilled and unskilled labour temporarily during the implementation period

E3-13d - Kirkuk Governorate

Outcome	Output
1. Effective and enhanced water and sewerage services coupled with enhanced environment	1.1. 3,750 inhabitants have access to increased quantity and improved quality of water through rehabilitated/extended water networks
	1.2. Enhanced access to improved sanitation for 155,000 inhabitants of Kirkuk city through rehabilitated sewer networks
2. Capacity of governmental staff strengthened in management, operating and maintenance of water and sewerage systems	2.1. Six government staff have enhanced capacity in the implementation, operation and management of sanitation facilities
3. Temporary employment generated for local residents as skilled and unskilled labour during the implementation period	3.1. About 122,000 person-days of employment generated for local residents as skilled and unskilled labour temporarily during the implementation period

- c. List the UN Assistance Strategy Outcomes, MDGs, Iraq NDS Priorities, ICI benchmarks relevant to the programme/project.

The project particularly contributes towards attaining the following MDGs:

1. Direct relation with MDG-7 in terms of reducing by half the proportion of people without access to safe drinking water and improved sanitation.
2. Indirect relation with the following MDGs
 - MDG-4 reducing child mortality
 - MDG-1 poverty reduction
 - MDG-2 Achieve universal primary education
 - MDG-3 promote gender equality and empower women
3. The project is fully in line with the NDS, ICI and UN assistant strategy as follows:

NDS 2007-2010,

Pillar Three: Improving the quality of life;

Goal 1: Improving access to water and sanitation.

ICI Benchmarks (as per the Joint Monitoring Matrix 2008):

4.4.1.5. Improve access to water and sanitation by one third

4.4.1.5.2. Undertake specific measures to ensure universal access to services
(WatSan, housing, etc.)

UN Strategy for Assistance to Iraq

Sector Team Outcome(s):

Sector Outcome 1: Sustainable access to safe water for urban and rural populations increased

Sector Outcome 2: Sustainable access to improved sanitation for urban and rural populations increased

Sector Outcome 3: Government of Iraq has enhanced capacities for effective management of WatSan sector

- d. List primary implementing partners and stakeholders including key beneficiaries.
- UNICEF
 - General Directorate of Water / Ministry of Municipality and Public Works (GDW)
 - General Directorate of Sewerage / Ministry of Municipality and Public Works (GDS)
 - General Directorate of Human Resources / Ministry of Municipality and Public Works (GDHR)
 - Wasit and Kirkuk Water Directorates
 - Basra, Kerbala and Kirkuk Sewerage Directorates

II. ASSESSMENT OF PROGRAMME/ PROJECT RESULTS

- a. Report on the key outputs achieved and explain any variance in achieved versus planned results. Who have been the primary beneficiaries and how they were engaged in the programme/ project implementation?

E3-13a - Basra Governorate

Original Outputs	Achieved Outputs
1.1. Enhanced access to improved sanitation for 150,000 inhabitants of Basra city through rehabilitated sewerage system	Number of beneficiaries is 94,000 according to government records on actual population served
1.2. Improved functioning of sewage treatment plant benefiting 250,000 inhabitants	Number of beneficiaries is 500,000 according to government records on actual population served
3.1. About 73,000 person-days of employment generated for local residents as skilled and unskilled labour temporarily during the implementation period	About 12,000 person-days of employment had been generated for local residents as skilled and unskilled labour temporarily during the implementation period based on UNICEF facilitators' assessment of employees directly employed by the contractors with additional estimate of material suppliers

E3-13b - Wasit Governorate

Original Outputs	Achieved Outputs
1.1. 200,000 inhabitants have access to increased quantity and improved quality of water by rehabilitating Al-Sewaira Old WTP	Number of beneficiaries is 27,500 according to government records on actual population served
1.2. 25,000 inhabitants receive increased quantity and improved quality of water by rehabilitating water networks in Al-Jameya, Al-Zahra and Hay Tamooz	Number of beneficiaries is 50,000 according to government records on actual population served. Al-Zahra and Hay Tamooz water networks had been replaced with Al-Askari and Hay Shuhada water networks respectively as per government request, since the original locations had been covered by the regional development plan
2.1. Five government staff have enhanced capacity in project implementation, operation and management of water facilities	Six government staff have enhanced capacity in the implementation, operation and management of sanitation facilities

Original Outputs	Achieved Outputs
3.1. About 66,000 person-days of employment generated for local residents as skilled and unskilled labour temporarily during the implementation period	About 14,000 person-days of employment had been generated for local residents as skilled and unskilled labour temporarily during the implementation period based on UNICEF facilitators' assessment of employees directly employed by the contractors with additional estimate of material suppliers

E3-13c - Kerbala Governorate

Original Outputs	Achieved Outputs
1.1. 600,000 inhabitants have access to clean and hygienic environment in the selected locations in Kerbala City through improved collection and disposal of wastewater in Kerbala City	Number of beneficiaries is 20,000 directly benefitted from the project and 600,000 indirectly benefitted from the project according to government records on actual population served
1.2. Increased coverage to 60,000 inhabitants through rehabilitated/ extended sewer networks in Hai Al-Askari and sector 19 in Al-Hur sub-district	Number of beneficiaries is 50,000 according to government records on actual population served
2.1. Six government staff has enhanced capacity in project implementation, operation and management of sanitation facilities	Nine government staff have enhanced capacity in the implementation, operation and management of sanitation facilities
3.1. About 95,000 person-days of employment generated for local residents as skilled and unskilled labour temporarily during the implementation period	About 18,200 person-days of employment had been generated for local residents as skilled and unskilled labour temporarily during the implementation period based on UNICEF facilitators' assessment of employees directly employed by the contractors with additional estimate of material suppliers

E3-13d - Kirkuk Governorate

Original Outputs	Achieved Outputs
1.1. 3,750 inhabitants have access to increased quantity and improved quality of water through rehabilitated/extended water networks	Number of beneficiaries is 3,000 according to government records on actual population served
1.2. Enhanced access to improved sanitation for 155,000 inhabitants of Kirkuk city through rehabilitated sewer networks	Number of beneficiaries is 107,000 according to government records on actual population served
2.1. Six government staff have enhanced capacity in the implementation, operation and management of sanitation facilities	Eight government staff have enhanced capacity in the implementation, operation and management of sanitation facilities

Original Outputs	Achieved Outputs
3.1. About 122,000 person-days of employment generated for local residents as skilled and unskilled labour temporarily during the implementation period	About 9,000 person-days of employment had been generated for local residents as skilled and unskilled labour temporarily during the implementation period based on UNICEF facilitators' assessment of employees directly employed by the contractors with additional estimate of material suppliers

- b. Report on how achieved outputs have contributed to the achievement of the outcomes and explain any variance in actual versus planned contributions to the outcomes. Highlight any institutional and/ or behavioural changes amongst beneficiaries at the outcome level

Achieved outputs will contribute to the realisation of outcomes 1 and 2 in medium to long term, while having realised outcome 3 during the implementation period. Target beneficiaries have access to safe water and improved sanitation and government capacity strengthened for improved management of the water and sanitation sector.

- c. Explain the overall contribution of the programme/ project/ to the ICI, NDS, MDGs and Iraq UN Assistance Strategy.

By increasing access to safe water and improved sanitation, the project contributed towards attaining the Water and Sanitation goals as articulated in ICI, NDS and MDG (also see above).

- d. Explain the contribution of key partnerships including national, international, inter-UN agency, CSO or others towards achievement of programme/ project results.

The water and sewerage directorates in target governorates were closely involved in assessment of the needs, preparation of bills of quantities and the day-to-day supervision of work implementation. Similarly, GDHR including the water and sewerage directorates in target governorates were involved in the planning of training programme and selection of candidates for the training courses.

- e. Highlight the contribution of the programme/ project on cross-cutting issues:

- Were the needs of particularly vulnerable or marginalised groups addressed?

Yes. The project addressed marginalized and vulnerable people in un-served/underserved locations in target governorates.

- How did men and women benefit from the programme/project? How were gender inequalities handled?

Access to safe water and improved sanitation benefitted men, women, boys and girls equally. Overall, the percentage of women participating in the various WatSan training programmes was 26%. Though this is less than the 50% envisaged, it is a positive step considering that the number of women involved in some areas like Operation and Maintenance is limited, and some were less inclined to travel.

- Were environmental concerns addressed including environmental impact/risk assessment where relevant?

Target inhabitants have access to clean and hygienic environment through improved collection and disposal of wastewater. Further WatSan projects invariably have a beneficial impact on the environment.

- Were there any specific issues in relation to the security situation?
Security situation in target location was stable and all areas were accessible.
- Did the project contribute to employment generation (gender disaggregated)?
Yes, a total of 53,200 person-days of employment had been generated for local residents as skilled and unskilled labour mostly benefitting men and boys.

f. Provide an assessment of the programme/ project based on performance indicators as per approved project document using the template in Section IV.

The project achieved planned results, and in some cases exceeded them (e.g. Training).

III. EVALUATION & LESSONS LEARNED

a. Report on any assessments, evaluations or studies undertaken relating to the programme/ project and how they were used during implementation. Has there been a final project evaluation and what are the key findings? Provide reasons if no evaluation of the programme/ project have been done yet?

Not carried out.

b. Indicate key constraints including delays (if any) during programme/ project implementation

- Lengthy governmental procedures in releasing the payments and issuing taking over certificates continue to delay project implementation/ completion.
- Some inhabitants in Basra built illegal settlements on the planned routes of the sewer lines. This uncontrolled settlement has caused delays in implementation due to changes made to the sewer line route and resulting adjustment of the network design.
- Kerbala City receives large number of visitors in certain periods all over the year, during these visits tight security measures were applied that either stopped or slowed down the progress of activities in the city.
- Restrictions on visa for the Iraqi staff imposed by the Jordanian Authorities until May 2008 adversely affected the timely conduct of a number of trainings in Amman.

c. Report key lessons learned that would facilitate future programme design and implementation.

Implementation of activities in target governorates was monitored by UNICEF facilitators in Iraq in continuous coordination with concerned staff in Amman office. The facilitators provided regular reports on work progress and constraints, supported by photos.

IV. INDICATOR BASED PERFORMANCE ASSESSMENT

E3-13a - Basra Governorate

	Performance Indicators	Indicator Baselines	Planned Indicator Targets	Achieved Indicator Targets	Reasons for Variance (if any)	Source of Verification	Comments (if any)
IP Outcome 1							
Effective and enhanced water and sewerage services coupled with enhanced environment							
IP Output 1.1	Indicator 1.1.1 No. of beneficiaries served by rehabilitated sewerage systems	0	150,000	94,000	Number corrected as per government record	Government record	
IP Output 1.2	Indicator 1.2.1 No. of beneficiaries served by Improved functioning sewage treatment plant	0	250,000	500,000	Number corrected as per government record	Government record	
IP Outcome 2							
Capacity of governmental staff strengthened in management, operating and maintenance of water and sewerage systems							
IP Output 2.1	Indicator 2.1.1 No. of government staff trained	0	6	6		Government records, UNICEF records	

	Performance Indicators	Indicator Baselines	Planned Indicator Targets	Achieved Indicator Targets	Reasons for Variance (if any)	Source of Verification	Comments (if any)
IP Outcome 3							
Temporary employment generated for local residents as skilled and unskilled labour during the implementation period							
IP Output 3.1	Indicator 3.1.1 person-days of employment generated for local residents as skilled and unskilled labour during the implementation period	0	122,000	12,000	Number corrected as per field assessment carried out by UNICEF facilitators	UNICEF facilitators' assessment of employees directly employed by the contractors with additional estimate of material suppliers	

E3-13b - Wasit Governorate

	Performance Indicators	Indicator Baselines	Planned Indicator Targets	Achieved Indicator Targets	Reasons for Variance (if any)	Source of Verification	Comments (if any)
IP Outcome 1							
Effective and enhanced water and sewerage services coupled with enhanced environment							
IP Output 1.1	Indicator 1.1.1 No. of beneficiaries served by Al-Sewaira Old WTP	0	200,000	27,500	Number corrected as per government record	Government record	
IP Output 1.2	Indicator 1.2.1 No. of beneficiaries served by rehabilitated water networks	0	25,000	50,000	Number corrected as per government record	Government record	

	Performance Indicators	Indicator Baselines	Planned Indicator Targets	Achieved Indicator Targets	Reasons for Variance (if any)	Source of Verification	Comments (if any)
IP Outcome 2							
Capacity of governmental staff strengthened in management, operating and maintenance of water and sewerage systems							
IP Output 2.1	Indicator 2.1.1 No. of government staff trained	0	5	6	Pooling of various funding sources enabled better utilisation of available funds	Government records, UNICEF records	
IP Outcome 3							
Temporary employment generated for local residents as skilled and unskilled labour during the implementation period							
IP Output 3.1	Indicator 3.1.1 person-days of employment generated for local residents as skilled and unskilled labour during the implementation period	0	66,000	14,000	Number corrected as per field assessment carried out by UNICEF facilitators	UNICEF facilitators' assessment of employees directly employed by the contractors with additional estimate of material suppliers	

E3-13c - Kerbala Governorate

	Performance Indicators	Indicator Baselines	Planned Indicator Targets	Achieved Indicator Targets	Reasons for Variance (if any)	Source of Verification	Comments (if any)
IP Outcome 1							
Effective and enhanced water and sewerage services coupled with enhanced environment							
IP Output 1.1	Indicator 1.1.1 No. of beneficiaries having access to improved collection and disposal of wastewater	0	600,000	20,000 (Direct) 600,000 (Indirect)	Number corrected as per government record	Government record	
IP Output 1.2	Indicator 1.1.2 No. of beneficiaries served by rehabilitated/ extended sewer networks	0	60,000	50,000	Number corrected as per government record	Government record	
IP Outcome 2							
Capacity of governmental staff strengthened in management, operating and maintenance of water and sewerage systems							
IP Output 2.1	Indicator 2.1.1 No. of government staff trained	0	6	9	Pooling of various funding sources enabled better utilisation of available funds	Government records, UNICEF records	

	Performance Indicators	Indicator Baselines	Planned Indicator Targets	Achieved Indicator Targets	Reasons for Variance (if any)	Source of Verification	Comments (if any)
IP Outcome 3							
Temporary employment generated for local residents as skilled and unskilled labour during the implementation period							
IP Output 3.1	Indicator 3.1.1 person-days of employment generated for local residents as skilled and unskilled labour during the implementation period	0	95,000	18,200	Number corrected as per field assessment carried out by UNICEF facilitators	UNICEF facilitators' assessment of employees directly employed by the contractors with additional estimate of material suppliers	

E3-13d - Kirkuk Governorate

	Performance Indicators	Indicator Baselines	Planned Indicator Targets	Achieved Indicator Targets	Reasons for Variance (if any)	Source of Verification	Comments (if any)
IP Outcome 1							
Effective and enhanced water and sewerage services coupled with enhanced environment							
IP Output 1.1	Indicator 1.1.1 No. of beneficiaries served by rehabilitated water systems	0	3,750	3,000	Number corrected as per government record	Government record	
IP Output 1.2	Indicator 1.2.1 No. of beneficiaries served by improved sewerage systems	0	155,000	107,000	Number corrected as per government record	Government record	

	Performance Indicators	Indicator Baselines	Planned Indicator Targets	Achieved Indicator Targets	Reasons for Variance (if any)	Source of Verification	Comments (if any)
IP Outcome 2							
Capacity of governmental staff strengthened in management, operating and maintenance of water and sewerage systems							
IP Output 2.1	Indicator 2.1.1 No. of government staff trained	0	6	8	Pooling of various funding sources enabled better utilisation of available funds	Government records, UNICEF records	
IP Outcome 3							
Temporary employment generated for local residents as skilled and unskilled labour during the implementation period							
IP Output 3.1	Indicator 3.1.1 person-days of employment generated for local residents as skilled and unskilled labour during the implementation period	0	122,000	9,000	Number corrected as per field assessment carried out by UNICEF facilitators	UNICEF facilitators' assessment of employees directly employed by the contractors with additional estimate of material suppliers	