



United Nations Development Programme

Country: Iraq

Project Document

Replacing Project Document signed on 23 April 2013



Project Title

Electricity Sector Reconstruction Project in Kurdistan Region (stage II)

UNDAF Outcome(s):

Priority #2: Inclusive, more equitable and sustainable economic growth

Expected CP Outcome(s):

(Those linked to the project and extracted from the CP)

5. Enabling policy and frameworks for rapid economic recovery, inclusive and diversified growth and private sector development

Expected Output(s):

(Those that will result from the project)

Output 1: Testing equipment delivered and commissioned, Output 2: Mobile substations delivered and commissioned, Output 3: Materials and Equipment for the Distribution system completed, Output 4: Substation and associated transmission line constructed and operation initiated, Output 5: Central Training Center in Erbil and Testing Facilities in three Governorates completed and operation initiated, Output 6: Project completed within the timeframe of the Loan

Implementing Partner:

UNDP Iraq

Responsible Parties:

UNDP Iraq

Brief Description

The "Project" aims to recover the electricity network in the Kurdistan region comprising of three northern governorates, Duhok, Erbil and Sulaimaniyah, through provision of necessary equipment and machinery and rehabilitation for transmission and distribution systems, thereby contributing to improving the levels of reliability and availability of the electricity network and promoting socio-economic stability and expansion. The "Project" is based on the Loan Agreement (IQ-P10), dated 11 June 2008, between Japan International Cooperation Agency (JICA) and Regional Ministry of Electricity in Kurdistan (RMEK). The Project funded by JICA loan is being implemented by RMEK, in which UNDP Iraq's role is to provide management and technical assistance in its implementation of the "Project". The initial Partnership Agreement signed between UNDP and JICA in October 2007 to support RMEK in smooth implementation of the "Project", which fruitfully resulted in this Technical Assistance (T/A) project. This T/A project is contributed by RMEK for UNDP's management and technical assistance to RMEK.

Programme Period: Nine years and 3 months Key Result Area (Strategic Plan): <b>Strengthening responsive governing institutions</b> Atlas Award ID: <u>56620</u>  Start date: 22 January, 2009 End Date: 31 March, 2018 PAC Meeting Date: 22 September, 2008 Management Arrangements: DIM	Total resources required: 19,180,310 USD Total allocated resources: <ul style="list-style-type: none"> <li>13,052,975 USD were already contributed or committed by RMEK through CSA and Amendment 1 and 6,127,335 USD through this Amendment 2</li> <li>Regular: None</li> <li>Other:             <ul style="list-style-type: none"> <li>Government: 6,127,335 USD</li> </ul> </li> </ul> Unfunded budget: N/A In-kind Contributions: _____
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Agreed by (Implementing Partner):

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02 JUL 2015

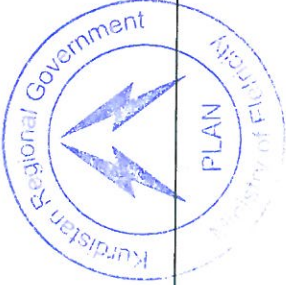

Dr. Salahaddin Babakir  
Minister of elec. - KRG

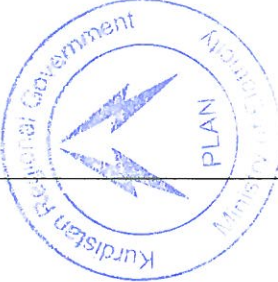

Agreed by (UNDP):

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## I. RESULTS AND RESOURCES FRAMEWORK

<p><b>Intended Outcome as stated in the Country Programme Results and Resource Framework: 5. Enabling policy and frameworks for rapid economic recovery, inclusive and diversified growth and private sector development</b></p> <p><b>Outcome indicators as stated in the Country Programme Results and Resources Framework, including baseline and targets:</b></p> <p><b>Applicable Key Result Area: N.A.</b></p> <p><b>Partnership Strategy: N.A.</b></p> <p><b>Project title and ID (ATLAS Award ID): Electricity Sector Reconstruction Project in Kurdistan II / 00069415 (Award ID 00056620)</b></p>				
INTENDED OUTPUTS	OUTPUT TARGETS FOR (YEARS)	INDICATIVE ACTIVITIES	RESPONSIBLE PARTIES	INPUTS
<p><b>Output 1</b> Testing equipment delivered and commissioned Baseline: NA Indicators: 19 items of testing Equipment procured</p>	Completed (19 items of testing equipment procured)			
<p><b>Output 2</b> Mobile substations delivered and commissioned Baseline: NA Indicators: 13 Mobile Substations procured</p>	Completed (13 Mobile Substations procured and commissioned)			
<p><b>Output 3</b> Materials and Equipment for Rehabilitation of the Distribution system completed Baseline: Technical loss (12%) Indicators: Number of equipment delivered and operational in the distribution system Technical distribution network losses (% of reduction)</p>	<p>Equipment delivered and operational in the distribution system – completed</p> <p>Targets (2016)</p> <ul style="list-style-type: none"> <li>• Distribution Planning applied in their planning activities and loss reduction</li> </ul>	<ul style="list-style-type: none"> <li>• Facilitate necessary trainings for distribution planning and monitor the actual application of distribution planning</li> </ul>	<p>DG of Distribution / UNDP Iraq</p>	<p>Consulting services and capacity building</p> <ul style="list-style-type: none"> <li>• International distribution planning expert and national engineers</li> </ul>

<p>Number of engineers trained for distribution planning</p>	<p><b>Output 4</b> Substation and associated transmission line constructed and operation initiated</p> <p>Baseline: No existing substation and transmission at the target areas</p> <p>Indicators: Construction of new 132/33/11kV Substation and associated transmission line in Sulaimaniyah and Halabja completed</p> <p>Technical transmission network losses</p>	<p>Completed - New 132/33/11kV Substation and associated transmission line constructed and operational</p> <p>Target (2015)</p> <ul style="list-style-type: none"> <li>Construction of Transmission line in Halabja initiated</li> <li>Provision of trainings for transmission sector completed</li> </ul> <p>Target (2016)</p> <ul style="list-style-type: none"> <li>Construction of Transmission line in Halabja completed</li> </ul>	<ul style="list-style-type: none"> <li>Support RMEK in completing the procurement process in awarding and finalizing the contract</li> <li>Organize training programme for transmission sector</li> <li>Support RMEK in reviewing design and technical submittals and attend to the FAT, inspections as required.</li> <li>Supervision of construction works to support RMEK for timely completion</li> </ul>	<p>DG of Planning and DG of Transmission / UNDP Iraq</p> 	<p>Consulting services</p> <ul style="list-style-type: none"> <li>International Transmission engineer and national engineers</li> <li>Transmission related equipment / trainings</li> </ul>
<p><b>Output 5</b> Central Training Center in Erbil (CTC) and Testing Laboratories (TLs) in three governorates established and operationalized</p> <p>Baseline: No CTC and TLs</p> <p>Indicators: Establishment of CTC and TLs Capacity development programme established at RMEK, Number of Trainers developed, Number of Trainees trained at the CTC</p>	<p>Target (2015)</p> <ul style="list-style-type: none"> <li>Selection of contractors complete</li> </ul> <p>Target (2016)</p> <ul style="list-style-type: none"> <li>Construction of CTC and TLs complete</li> </ul> <p>Target (2017)</p> <ul style="list-style-type: none"> <li>Trainings of trainers initiated and complete</li> <li>Trainings by trainers to RMEK official initiated</li> </ul>	<ul style="list-style-type: none"> <li>Support RMEK in finalizing the bidding documents</li> <li>Support RMEK in completing the procurement processes to enter contracts with successful bidders</li> <li>Provide supervisions to EPC and/or civil contractors for timely completion</li> <li>Provide advice in organizing the required training programme for RMEK and organize training programme, especially training for trainers (ToT).</li> <li>Provide supervisions to EPC to assure the ToTs are being conducted in line with requirements and complete as scheduled</li> </ul>	<p>DG of Planning / UNDP Iraq</p> 	<p>Consulting services</p> <ul style="list-style-type: none"> <li>International Training, Equipment Specialist and national engineers</li> </ul>	

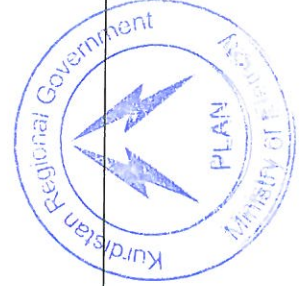
<p><b>Output 6</b> Project completed within the timeframe of the Loan Timely utilization of remaining loan funds to implement relevant new subprojects  Baseline: NA Indicators: Project completed within the timeframe of Loan Agreement with JICA including proper utilization of remaining funds</p>	<p><b>Targets (2015)</b></p> <ul style="list-style-type: none"> <li>Development of new subproject in addition to CTC and TLs subproject by utilizing the remaining loan funds</li> </ul> <p><b>Target (2016)</b></p> <ul style="list-style-type: none"> <li>Other new subproject initiated</li> </ul> <p><b>Targets (2017)</b></p> <ul style="list-style-type: none"> <li>Other new subproject completed</li> </ul>	<ul style="list-style-type: none"> <li>Monitor trainings by trainers for quality assurance</li> <li>Provide project management support to RMEK in preparing project management plan, procurement and disbursement plans.</li> <li>Assist RMEK in developing relevant projects by utilizing the remaining loan funds</li> <li>Provide management, procurement and technical supports for newly identified relevant subprojects. for timely completion</li> <li>(Loan expire in September 2018, so any new projects have to be complete early 2018)</li> </ul>	<p>DG of Planning / UNDP Iraq</p>	<p>Consulting services and capacity building</p> <ul style="list-style-type: none"> <li>Project Management Team (internationals)</li> <li>International Procurement Specialist</li> <li>International and National engineers</li> <li>Travel / Communication / Miscellaneous</li> </ul>
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## II. ANNUAL WORK PLAN (FOR AMENDMENT 2)

Year: 2015

EXPECTED OUTPUTS <i>And baseline, indicators including annual targets</i>	PLANNED ACTIVITIES <i>List activity results and associated actions</i>	TIMEFRAME				RESPONSIBLE PARTY	Funding Source	PLANNED BUDGET	
		Q 1	Q 2	Q 3	Q 4			Budget Description	Amount (USD)
<p>Output 3</p> <p>Materials and Equipment for Rehabilitation of the Distribution system completed</p> <p>Baseline: Technical loss (12%)</p> <p>Indicators: Number of equipment delivered and operational in the distribution system</p> <p>Technical distribution network losses (% of reduction)</p> <p>Number of engineers trained for distribution planning</p> <p>Targets: Loss reduction decreased by 1%</p>	<p>3.1. Activity Result: Distribution Planning applied in their planning activities and loss reduction.</p> <p>-Activity action: Facilitate necessary trainings for distribution planning and monitor the actual application of distribution planning to reduce technical losses</p>	X	X	X	X	UNDP Iraq	RMEK	Contractual Services-Companies (Distribution Planning Engineer)	111,600
<p>Output 4</p> <p>Substation and associated transmission line constructed and operation initiated</p> <p>Baseline: No existing substation and transmission at the target areas</p> <p>Indicators: Construction of new 132/33/11kV Substation and associated transmission line in Sulaimaniyah and Halabja completed</p> <p>Technical transmission network losses</p> <p>Targets: Construction of new Substation and transmission lines completed and operational</p>	<p>4.1. Activity Result: Construction of transmission line in Halabja in progress.</p> <p>-Activity action: Support RMEK in awarding the contract to successful bidder and signing the contract;</p> <p>-Activity action: Support RMEK in reviewing design and technical submittals</p> <p>- Activity action: Attend to the factory acceptance test, inspections as required.</p> <p>- Activity action: Supervision of construction works to support RMEK in having contract completed as scheduled</p> <p>- Activity action: Provide trainings for transmission sector as well as purchase of related equipment</p>	X	X	X	X	UNDP Iraq	RMEK	Contractual Services-Companies - Transmission Engineer - Transmission Planning Engineer Equipment	406,382  283,415



<p>Output 5 Central Training Center in Erbil (CTC) and Testing Laboratories (TLs) in three governorates established and operationalized</p> <p>Baseline: No CTC and TLs</p> <p>Indicators: Establishment of CTC and TLs Capacity development programme established at RMEK, Number of Trainers developed, Number of Trainees trained at the CTC</p> <p>Targets CTC and TLs established and operationalized</p>	<p>5.1. Activity Result: CTC and TLs established and operationalized</p> <p>-Activity action: - Support RMEK in finalizing the bidding documents - Support RMEK in completing the procurement processes to enter contracts with successful bidders</p>	<p>UNDP Iraq</p>	<p>RMEK</p>	<p>Included in the Amendment 1</p>	<p>663,966</p>	
<p>Output 6 Project completed within the timeframe of the Loan Timely utilization of remaining loan funds to implement relevant new subprojects</p> <p>Baseline: NA</p> <p>Indicators: Project completed within the timeframe of Loan Agreement with JICA including proper utilization of remaining funds</p> <p>Targets: All projects completed no later than June 2018</p>	<p>6.1. Activity Result: Project under implementation in line with the revised project implementation schedule and completed within the timeframe of the Loan</p> <p>-Activity action: Provide project management support to RMEK in preparing project management plan, procurement and disbursement plans. - Activity action: Assist RMEK in developing relevant projects by utilizing the remaining loan funds</p>	<p>UNDP Iraq</p>	<p>RMEK</p>	<p>Salary &amp; Post AdjCst-IP Staff Insurance and Security Costs Service Contracts-Individuals Contractual Services – Individual Travel Equipment and Furniture Communication &amp; Audio Visual Equip Supplies Miscellaneous Expenses Facilities &amp; Administration</p>	<p>663,966</p>	
<b>TOTAL</b>					<b>Total</b>	<b>1,465,363</b>



Year: 2016

EXPECTED OUTPUTS And baseline, indicators including annual targets	PLANNED ACTIVITIES List activity results and associated actions	TIMEFRAME				RESPONSIBLE PARTY	PLANNED BUDGET	
		Q 1	Q 2	Q 3	Q 4		Funding Source	Amount (USD)
Output 3 Materials and Equipment for Rehabilitation of the Distribution system completed Baseline: Technical loss (12%) Indicators: Number of equipment delivered and operational in the distribution system Technical distribution network losses (% of reduction) Number of engineers trained for distribution planning Targets: Loss reduction decreased by 1%	3.1. Activity Result: Distribution Planning applied in their planning activities and loss reduction. -Activity action: Monitor the actual application of distribution planning to reduce technical losses	X				UNDP Iraq	RMEK	Contractual Services-Companies (Distribution Planning Engineer) 111,600
Output 4 Substation and associated transmission line constructed and operation initiated Baseline: No existing substation and transmission at the target areas Indicators: Construction of new 132/33/11kV Substation and associated transmission line in Sulaimaniyah and Halabja completed Technical transmission network losses Targets: Construction of new Substation and transmission lines completed and operational	4.1. Activity Result: Construction of transmission line in Halabja initiated and in progress. - Activity action: Supervision of construction works to support RMEK in having contract completed as scheduled - Activity action: Provide trainings for transmission sector as well as purchase of related equipment					UNDP Iraq	RMEK	Contractual Services-Companies - Transmission Engineer - Transmission Planning Engineer 362,700



<p>Output 5 Central Training Center in Erbil (CTC) and Testing Laboratories (TLs) in three governorates established and operationalized Baseline: No CTC and TLs Indicators: Establishment of CTC and TLs Capacity development programme established at RMEK, Number of Trainers developed, Number of Trainees trained at the CTC Targets CTC and TLs established and operationalized</p>	<p>5.1. Activity Result: CTC and TLs established and operationalized -Activity action: - Provide supervisions to EPC and/or civil contractors for timely completion - Provide advice in organizing the required training programme for RMEK and organize training programme, especially training for trainers (ToT). - Provide supervisions to EPC to assure the ToTs are being conducted in line with requirements and complete as scheduled</p>	<p>X X X X</p>	<p>UNDP Iraq</p>	<p>RMEK</p>	<p>Contractual Services-Companies • Training Manager • Equipment Specialist • Training Specialist etc</p>	<p>1,134,600</p>
<p>Output 6 Project completed within the timeframe of the Loan Timely utilization of remaining loan funds to implement relevant new subprojects Baseline: NA Indicators: Project completed within the timeframe of Loan Agreement with JICA including proper utilization of remaining funds Targets: All projects completed no later than June 2018</p>	<p>6.1. Activity Result: Project under implementation in line with the revised project implementation schedule and completed within the timeframe of the Loan -Activity action: Provide project management support to RMEK in preparing project management plan, procurement and disbursement plans. -Activity action: Assist RMEK in developing relevant projects by utilizing the remaining loan funds</p>	<p>X X X X</p>	<p>UNDP Iraq</p>	<p>RMEK</p>	<p>Salary &amp; Post AdjCst-IP Staff Insurance and Security Costs Service Contracts-Individuals Contractual Services – Individual Travel Equipment and Furniture Communication &amp; Audio Visual Equip Supplies Miscellaneous Expenses Facilities &amp; Administration</p>	<p>1,191,504</p>
<b>TOTAL</b>						<b>2,800,404</b>





Year: 2017

EXPECTED OUTPUTS And baseline, indicators including annual targets	PLANNED ACTIVITIES List activity results and associated actions	TIMEFRAME				RESPONSIBLE PARTY	PLANNED BUDGET		
		Q 1	Q 2	Q 3	Q 4		Funding Source	Budget Description	Amount (USD)
		Output 5 Central Training Center in Erbil (CTC) and Testing Laboratories (TLs) in three governorates established and operationalized  Baseline: No CTC and TLs Indicators: Establishment of CTC and TLs Capacity development programme established at RMEK, Number of Trainers developed, Number of Trainees trained at the CTC Targets CTC and TLs established and operationalized	5.1. Activity Result: CTC and TLs established and operationalized -Activity action: - Provide supervisions to EPC and/or civil contractors for timely completion - Provide advice in organizing the required training programme for RMEK and organize training programme, especially training for trainers (ToT). - Provide supervisions to EPC to assure the ToTs are being conducted in line with requirements and complete as scheduled - Monitor trainings by trainers for quality assurance	X	X		X	X	UNDP Iraq
Output 6 Project completed within the timeframe of the Loan Timely utilization of remaining loan funds to implement relevant new subprojects  Baseline: NA Indicators: Project completed within the timeframe of Loan Agreement with JICA including proper utilization of remaining funds Targets: All projects completed no later than June 2018	6.1. Activity Result: Project under implementation in line with the revised project implementation schedule and completed within the timeframe of the Loan -Activity action: Provide project management support to RMEK in preparing project management plan, procurement and disbursement plans. - Activity action: Assist RMEK in developing relevant projects by utilizing the remaining loan funds	X	X	X	X			Salary & Post AdjCst-IP Staff Insurance and Security Costs Service Contracts-Individuals Contractual Services – Individual Travel Equipment and Furniture Communication & Audio Visual Equip Supplies Miscellaneous Expenses Facilities & Administration  1,081,142	1,081,142
<b>TOTAL</b>							<b>Total</b>	<b>1,741,442</b>	

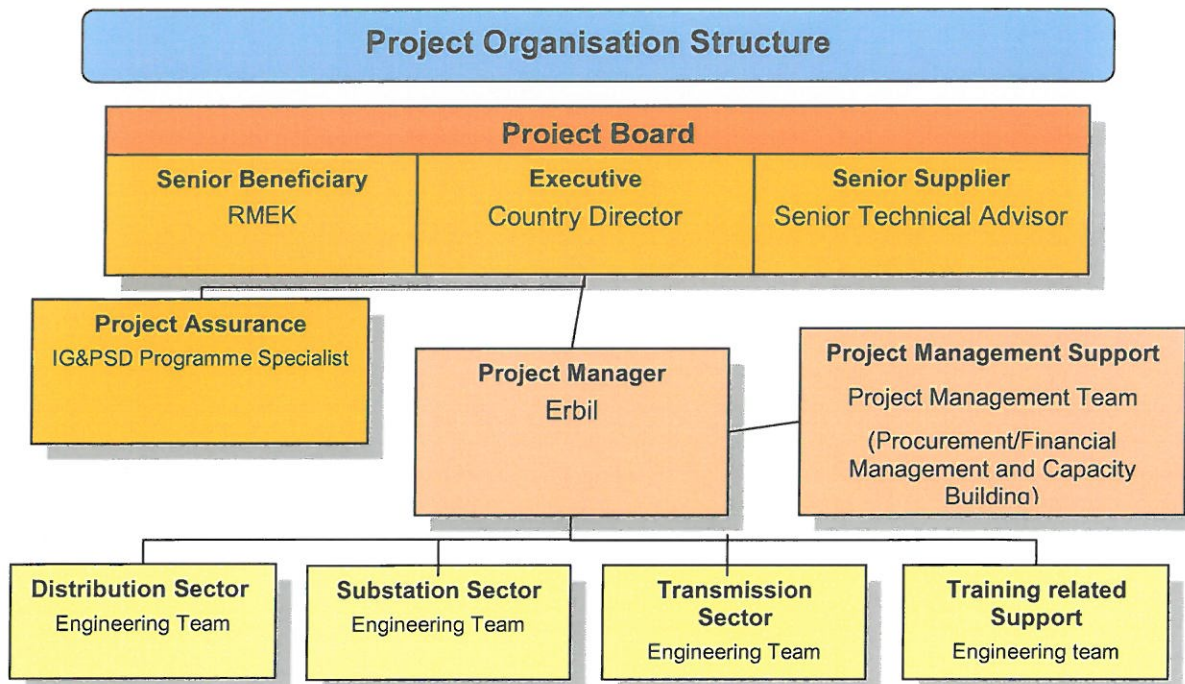


Year: 2018

EXPECTED OUTPUTS <i>And baseline, indicators including annual targets</i>	PLANNED ACTIVITIES <i>List activity results and associated actions</i>	TIMEFRAME				RESPONSIBLE PARTY	PLANNED BUDGET	
		Q 1	Q 2	Q 3	Q 4		Funding Source	Amount (USD)
		Output 6 Project completed within the timeframe of the Loan Timely utilization of remaining loan funds to implement relevant new subprojects  Baseline: NA Indicators: Project completed within the timeframe of Loan Agreement with JICA including proper utilization of remaining funds Targets: All projects completed no later than June 2018	6.1. Activity Result: Project under implementation in line with the revised project implementation schedule and completed within the timeframe of the Loan  -Activity action: Provide project management support to RMEK in preparing project management plan, procurement and disbursement plans. - Activity action: Assist RMEK in developing relevant projects by utilizing the remaining loan funds	X				
<b>TOTAL</b>					<b>Total</b>	<b>120,127</b>		



### III. MANAGEMENT ARRANGEMENTS



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## IV. MONITORING FRAMEWORK AND EVALUATION

In accordance with the programming policies and procedures outlined in the UNDP User Guide, the project will be monitored through the following:

### Within the annual cycle

- On a quarterly basis, a quality assessment shall record progress towards the completion of key results, based on quality criteria and methods captured in the Quality Management table below.
- An Issue Log shall be activated in Atlas and updated by the Project Manager to facilitate tracking and resolution of potential problems or requests for change.
- Based on the initial risk analysis submitted (see annex 1), a risk log shall be activated in Atlas and regularly updated by reviewing the external environment that may affect the project implementation.
- Based on the above information recorded in Atlas, a Project Progress Reports (PPR) shall be submitted by the Project Manager to the Project Board through Project Assurance, using the standard report format available in the Executive Snapshot.
- A project Lesson-learned log shall be activated and regularly updated to ensure on-going learning and adaptation within the organization, and to facilitate the preparation of the Lessons-learned Report at the end of the project
- A Monitoring Schedule Plan shall be activated in Atlas and updated to track key management actions/events such as site visits and supervision of construction and tests.

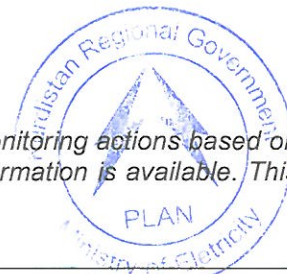
### Annually

- **Annual Review Report.** An Annual Review Report shall be prepared by the Project Manager and shared with the Project Board and the Outcome Board. As minimum requirement, the Annual Review Report shall consist of the Atlas standard format for the QPR covering the whole year with updated information for each above element of the QPR as well as a summary of results achieved against pre-defined annual targets at the output level.
- **Annual Project Review.** Based on the above report, an annual project review shall be conducted during the fourth quarter of the year or soon after, to assess the performance of the project and appraise the Annual Work Plan (AWP) for the following year. In the last year, this review will be a final assessment. This review is driven by the Project Board and may involve other stakeholders as required. It shall focus on the extent to which progress is being made towards outputs, and that these remain aligned to appropriate outcomes.



## Quality Management for Project Activity Results

Replicate the table for each activity result of the AWP to provide information on monitoring actions based on quality criteria. To be completed during the process "Defining a Project" if the information is available. This table shall be further refined during the process "Initiating a Project".



OUTPUT 3: Materials and Equipment for Rehabilitation of the Distribution system completed		
<b>Activity Result 1 and 3 (Atlas Activity ID)</b>	Material and Equipment for distribution network installed Distribution network planning in place which contributes to technical loss deduction	Start Date: Jan 2009 End Date: Jun 2016
<b>Purpose</b>	To support RMEK in implementing the relevant distribution component as scheduled To support RMEK in operating based on proper distribution network planning	
<b>Description</b>	To assist RMEK in project planning, design review, procurement process, contract and project management and execution, incorporating supervision of construction and commissioning, including the warranty (defect liability) To assist RMEK in developing the distribution network planning and applying the planning to its operation	
<b>Quality Criteria</b> <i>how/with what indicators the quality of the activity result will be measured?</i>	<b>Quality Method</b> <i>Means of verification. what method will be used to determine if quality criteria has been met?</i>	<b>Date of Assessment</b> <i>When will the assessment of quality be performed?</i>
Materials and equipment for rehabilitation of the distribution network delivered	Materials and equipment for rehabilitation of the distribution network installed and operational in the network (installation report)	December 2014 (completed and achieved)
Distribution network planning system in place in RMEK	Report to indicate distribution network planning system in use for daily operation Improved network losses (at least 1% reduction)	December 2015 December 2016

OUTPUT 4: Substation and associated transmission line constructed and operation initiated		
<b>Activity Result 1 and 3 (Atlas Activity ID)</b>	Substation and associated transmission line constructed and operational Transmission network planning in place	Start Date: Apr 2012 End Date: Dec 2014
<b>Purpose</b>	To support RMEK in implementing the substation and associated transmission component as scheduled To support RMEK in operating based on proper transmission network planning	
<b>Description</b>	To assist RMEK in project planning, design review, procurement process, contract and project management and execution, incorporating supervision of construction and commissioning, including the warranty (defect liability)	
<b>Quality Criteria</b> <i>how/with what indicators the quality of the activity result will be measured?</i>	<b>Quality Method</b> <i>Means of verification. what method will be used to determine if quality criteria has been met?</i>	<b>Date of Assessment</b> <i>When will the assessment of quality be performed?</i>
Substation constructed in Chwarta	Substation in operation report	April 2014 (completed and achieved)
Associated transmission line constructed	Transmission in operation report	April 2014 (completed and achieved)
Transmission line constructed in Halabja	Transmission in operation report	April 2016
Proper operation and maintenance in place	Substation and transmission line in operation after the warranty period	December 2015

Transmission system planning in place	Report to indicate transmission system planning in place and in use daily operation	
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<b>OUTPUT 5: Central Training Center in Erbil (CTC) and Testing Laboratories (TLs) in three governorates established and operationalized</b>		
<b>Activity Result 1, 2 and 3 (Atlas Activity ID)</b>	Central Training Center in Erbil (CTC) and Testing Laboratories (TLs) in three governorates established and operationalized	Start Date: Jan 2014 End Date: Dec 2017
<b>Purpose</b>	To support RMEK in implementing the CTC and TLs projects and operationalize the CTC and TLs with developed capacity development programme	
<b>Description</b>	Support RMEK in establishing the CTC and TLs from the procurement process until completion of construction and training programme Provide advice in organizing the required training programme for RMEK and organize training programme, especially training for trainers (ToT). Monitor trainings by trainers for quality assurance	
<b>Quality Criteria</b> <i>how/with what indicators the quality of the activity result will be measured?</i>	<b>Quality Method</b> <i>Means of verification. what method will be used to determine if quality criteria has been met?</i>	<b>Date of Assessment</b> <i>When will the assessment of quality be performed?</i>
Establishment of CTC and TLs	Physical completion of CTC and TLs	Dec 2017
Capacity development programme established at RMEK	Capacity development programme curriculum	Dec 2017
Number of Trainers developed,	Training record and report	Dec 2017
Number of Trainees trained at the CTC	Training record and report	Dec 2017

<b>OUTPUT 6: Project completed within the timeframe of the Loan</b>		
<b>Activity Result 1, 2 and 3 (Atlas Activity ID)</b>	Project completed within the timeframe of the Loan with capacity development programme	Start Date: Jan 2009 End Date: Mar 2018
<b>Purpose</b>	To support RMEK in implementing the loan funded project as scheduled for timely utilization of remaining loan funds to implement relevant new subprojects Capacity development of RMEK officials	
<b>Description</b>	Provide project management support to RMEK in preparing project management plan, procurement and disbursement plans. Assist RMEK in developing relevant projects by utilizing the remaining loan funds Provide management, procurement and technical supports for newly identified relevant subprojects. for timely completion	
<b>Quality Criteria</b> <i>how/with what indicators the quality of the activity result will be measured?</i>	<b>Quality Method</b> <i>Means of verification. what method will be used to determine if quality criteria has been met?</i>	<b>Date of Assessment</b> <i>When will the assessment of quality be performed?</i>
Project implemented as scheduled	Project progress report and final report within the timeframe of Loan	End of each year
Develop new relevant project components to utilize the remaining loan fund if any	Development of new relevant project concepts	December 2016



## V. LEGAL CONTEXT

This project document shall be the instrument referred to as such in Article 1 of the Standard Basic Assistance Agreement between the Government of Iraq and UNDP, signed on 20 October 1976.

Consistent with the Article III of the Standard Basic Assistance Agreement, the responsibility for the safety and security of the executing agency and its personnel and property, and of UNDP's property in the executing agency's custody, rests with the executing agency.

The executing agency shall:

- a) put in place an appropriate security plan and maintain the security plan, taking into account the security situation in the country where the project is being carried;
- b) assume all risks and liabilities related to the executing agency's security, and the full implementation of the security plan.

UNDP reserves the right to verify whether such a plan is in place, and to suggest modifications to the plan when necessary. Failure to maintain and implement an appropriate security plan as required hereunder shall be deemed a breach of this agreement.


The executing agency agrees to undertake all reasonable efforts to ensure that none of the UNDP funds received pursuant to the Project Document are used to provide support to individuals or entities associated with terrorism and that the recipients of any amounts provided by UNDP hereunder do not appear on the list maintained by the Security Council Committee established pursuant to resolution 1267 (1999). The list can be accessed via <http://www.un.org/Docs/sc/committees/1267/1267ListEng.htm>. This provision must be included in all sub-contracts or sub-agreements entered into under this Project Document.



## VI. ANNEXES

### Annex 1. RISK LOG



Project Title: Electricity Sector Reconstruction Project in Kurdistan Region (stage II)						Award ID:		Date: March 2015	
#	Description	Date Identified	Type	Impact & Probability	Countermeasures / Mngt response	Owner	Submitted, updated by	Last Update	Status
1	Commencement of procurement processes are subject to the conditions required by JICA	September, 2008	Operational	Could affect the project implementation schedule. Enter probability on a scale from 1 (low) to 5 (high) P = 3 Enter impact on a scale from 1 (low) to 5 (high) I = 3	UNDP will coordinate with JICA on a weekly basis to follow up on the issue.	Project Manager	Project Manager	February 2015	Under control
2	Security situation in Iraq may negatively affect reputable international companies joining bids	June 2014	Security	Could delay the project implementation Enter probability on a scale from 1 (low) to 5 (high) P = 3 Enter impact on a scale from 1 (low) to 5 (high) I = 4	In case the project fails to attract qualified companies, the suitable packaging for bidding should be considered 	Project Manager	Project Manager	February 2015	Under assessment
3	Fluctuation of market prices and currency rate may not complete procurement of equipment as expected	January, 2008	Financial	Could reduce the quantities of equipment to be procured P = 4 I = 3	Since this project funded by JICA is a sector loan, RMEK and UNDP will utilize the available funds as much as possible by being conservative in the currency exchange trend (e.g. by reallocating budgets among subprojects).	Project Manager	Project Manager	February 2015	Under control