

Annex 2- Technical Course List

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Course No.	Course Title	Course Delivery Location	Course to be Delivered by	Frequency
Distribution Courses				
DST 01	TOT – Training of RMEK Technical Trainers	International	Contractor	Once
DST 02	Induction Training	Iraq	RMEK Trainer	RMEK Responsibility
DST 03	Introduction to Distribution System – Planning and Network Augmentation	Iraq	RMEK Trainer	RMEK Responsibility
DST 04	Geographic Information System (GIS) Digitizing for Distribution Networks	Iraq	Contractor	3 times during contract duration
DST 05	Introduction to Distribution Line – Design, Operation, Maintenance and Repair	Iraq	RMEK Trainer	RMEK Responsibility
DST 06	Distribution System Standards	Iraq	RMEK Trainer	RMEK Responsibility
DST 07	Revenue Metering – Specification, Installation Design and Testing Theory	Iraq	RMEK Trainer	RMEK Responsibility
DST 08	11 & 33 / 0.4kV Transformer Specification, Installation Design, Maintenance and Testing Theory	Iraq	RMEK Trainer	RMEK Responsibility
DST 09	11kV & 33kV Cable Specification, Installation Design, Maintenance and Testing Theory	Iraq	RMEK Trainer	RMEK Responsibility
DST 10	11kV & 33kV Distribution Equipment – Specification, Installation Design, Maintenance and Testing Theory	Iraq	RMEK Trainer	RMEK Responsibility
DST 11	Insulation Co-ordination, Lightning Protection and Earthing System Design, Maintenance and Testing Theory	International	Contractor	3 times during contract duration
DST 12	Distribution System Protection Schemes and Devices Specification, Design, Maintenance and Testing Theory	International	Contractor	3 times during contract duration
DST 13	Street Lighting Specification, Installation Design, Maintenance and Testing Theory and Practical	Iraq	RMEK Trainer	RMEK Responsibility
DST 14	Diesel Generator – Specification, Installation Design Maintenance and Testing Theory (9 – 100 KVA units)	Iraq	RMEK Trainer	RMEK Responsibility
DST 15	Civil and Structural Engineering in a Distribution Environment	Iraq	Contractor	3 times during contract duration
DST 16	Electrical Design Standards for Buildings	Iraq	RMEK Trainer	RMEK Responsibility
DST 17	Distribution Network Switching and Operation - Certification	Iraq	RMEK Trainer	RMEK Responsibility
DST 18	Distribution Network Switching and Operation - Refresher	Iraq	RMEK Trainer	RMEK Responsibility

DST 19	Live Line Training - Certification	Iraq	Contractor	3 times during contract duration
DST 20	Live Line - Refresher	Iraq	Contractor	2 times during contract duration
Course No.	Course Title	Course Delivery Location	Course to be Delivered by	Frequency
DST 21	Pole Climbing and Rescue - Certification	Iraq	RMEK Trainer	RMEK Responsibility
DST 22	Pole Climbing and Rescue - Refresher	Iraq	RMEK Trainer	RMEK Responsibility
DST 23	Meter (Revenue) Testing	Iraq	RMEK Trainer	RMEK Responsibility
DST 24	Meter (Revenue) Reading	Iraq	RMEK Trainer	RMEK Responsibility
DST 25	Street Lighting Pole and Distribution Pole Testing	Iraq	RMEK Trainer	RMEK Responsibility
DST 26	11kV and 33kV Cable – Installation	Iraq	RMEK Trainer	RMEK Responsibility
DST 27	11kV and 33kV Cable – Testing, Jointing and Termination	Iraq	RMEK Trainer	RMEK Responsibility
DST 28	11kV and 33kV Overhead Line insulator Testing and Replacement	Iraq	RMEK Trainer	RMEK Responsibility
DST 29	Stringing, Jointing and Terminating Overhead Phase Conductors	Iraq	RMEK Trainer	RMEK Responsibility
DST 30	Earthing System Testing	Iraq	RMEK Trainer	RMEK Responsibility
DST 31	11kV & 33kV Transformer - Testing	Iraq	RMEK Trainer	RMEK Responsibility
DST 32	11kV & 33kV Transformer - Maintenance and Repair	Iraq	RMEK Trainer	RMEK Responsibility
DST 33	Protection Relay - Configuration and Testing	Iraq	RMEK Trainer	RMEK Responsibility
DST 34	415V MCCB Testing	Iraq	RMEK Trainer	RMEK Responsibility
DST 35	11kV and 33kV Switchgear - Testing	Iraq	RMEK Trainer	RMEK Responsibility
DST 36	11kV and 33kV Switchgear - Maintenance and Repair	Iraq	RMEK Trainer	RMEK Responsibility
DST 37	11kV & 33kV Distribution Equipment Testing	Iraq	RMEK Trainer	RMEK Responsibility
DST 38	11kV & 33kV Distribution Equipment – Maintenance and Repair	Iraq	RMEK Trainer	RMEK Responsibility
DST 39	Testing of New Consumer Installations Prior to Connecting	Iraq	RMEK Trainer	RMEK Responsibility
DST 40	Renewables Technologies - Overview	International	Contractor	3 times during contract duration
DST 41	Vegetation Management Under and Around Lines	Iraq	RMEK Trainer	RMEK Responsibility
DST 42	Customer Relations Management	Iraq	RMEK Trainer	RMEK Responsibility
DST 43	Construction and Rehabilitation Works Planning Distribution Networks	International	Contractor	3 times during contract duration
DST 44	Distribution System Technology and Bench Marking Review	International	Contractor	3 times during contract duration

Course No.	Course Title	Course Delivery Location	Course to be Delivered by	Frequency
Transmission Courses				
TRN 01	TOT – Training of RMEK Technical Trainers	International	Contractor	Once
TRN 02	Induction Training	Iraq	RMEK Trainer	RMEK Responsibility
TRN 03	Introduction to Transmission System – Planning and Network Augmentation	Iraq	RMEK Trainer	RMEK Responsibility
TRN 04	Introduction to Transmission Line – Design, Operation, Maintenance and Repair	Iraq	RMEK Trainer	RMEK Responsibility
TRN 05	Introduction to Substation – Design, Operation, Maintenance and Repair	Iraq	RMEK Trainer	RMEK Responsibility
TRN 06	Transmission System Standards	Iraq	RMEK Trainer	RMEK Responsibility
TRN 07	Substation and Associated Equipment Standards	Iraq	RMEK Trainer	RMEK Responsibility
TRN 08	33kV, 132kV & 400kV Transformer Specification, Installation Design, Maintenance and Testing Theory	International	Contractor	3 times during contract duration
TRN 09	132kV Cable Specification, Installation Design, Maintenance and Testing Theory	International	Contractor	3 times during contract duration
TRN 10	33kV, 132kV & 400kV Transmission Line and Substation Equipment - Specification, Installation Design, Maintenance and Testing Theory	International	Contractor	3 times during contract duration
TRN 11	Insulation Co-ordination, Lightning Protection and Earthing System Design, Maintenance and Testing Theory	International	Contractor	3 times during contract duration
TRN 12	Transmission System Protection Schemes and Devices - Specification, Design, Maintenance and Testing Theory	International	Contractor	3 times during contract duration
TRN 13	Civil and Structural Engineering in a Transmission Environment	International	Contractor	3 times during contract duration
TRN 14	Substation Communication and Control Equipment - Specification, Design, Maintenance and Testing Theory	International	Contractor	3 times during contract duration
TRN 15	Transmission Network Switching and Operation - Certification	Iraq	RMEK Trainer	RMEK Responsibility
TRN 16	Transmission Network Switching and Operation - Refresher	Iraq	RMEK Trainer	RMEK Responsibility
TRN 17	Tower Climbing and Rescue Training - Certification	Iraq	RMEK Trainer	RMEK Responsibility

TRN 18	Tower Climbing and Rescue Training - Refresher	Iraq	RMEK Trainer	RMEK Responsibility
TRN 19	132kV Cable – Installation, Testing, Jointing and Termination	Iraq	RMEK Trainer	RMEK Responsibility
Course No.	Course Title	Course Delivery Location	Course to be Delivered by	Frequency
TRN 20	132kV Overhead Line insulator Testing and Replacement	Iraq	RMEK Trainer	RMEK Responsibility
TRN 21	Transmission Tower (and associated equipment) Inspection, Testing, Maintenance and Repair	Iraq	RMEK Trainer	RMEK Responsibility
TRN 22	Stringing, Jointing and Terminating Single and multiple HV Overhead Phase Conductors	Iraq	RMEK Trainer	RMEK Responsibility
TRN 23	Earthing System Testing	Iraq	RMEK Trainer	RMEK Responsibility
TRN 24	132kV & 400kV Transformer Testing, Maintenance and Repair	International	Contractor	3 times during contract duration
TRN 25	Protection Relay - Configuration and Testing	Iraq	RMEK Trainer	RMEK Responsibility
TRN 26	Substation Communication and Control Equipment Configuration and Testing	Iraq	RMEK Trainer	RMEK Responsibility
TRN 27	132kV AIS Switchgear Testing, Maintenance and Repair	Iraq	Contractor	3 times during contract duration
TRN 28	132kV GIS Switchgear Testing, Maintenance and Repair	Iraq	Contractor	3 times during contract duration
TRN 29	132kV & 400kV Substation AIS Equipment Testing, Maintenance and Repair	Iraq	RMEK Trainer	RMEK Responsibility
TRN 30	Fibre and OPGW Splicing and Testing	Iraq	Contractor	3 times during contract duration
TRN 31	DC System	Iraq	RMEK Trainer	RMEK Responsibility
TRN 32	Use of horizontal boring equipment	Iraq	Contractor	3 times during contract duration
TRN 33	Geographic Information System (GIS) Digitizing for Transmission Networks - Beginners	Iraq	Contractor	3 times during contract duration
TRN 34	Geographic Information System (GIS) Digitizing for Transmission Networks - Advanced	Iraq	Contractor	3 times during contract duration
TRN 35	PLS CADD Software - Beginners	Iraq	Contractor	3 times during contract duration
TRN 36	PLS CADD Software - Advanced	Iraq	Contractor	3 times during contract duration
TRN 37	Soil and Concrete Testing	Iraq	Contractor	3 times during contract duration
TRN 38	Operation of Remote Controlled Copter / Drone for Transmission Line / Transmission Tower Inspections	Iraq	Contractor	3 times during contract duration
TRN 39	Review & approval of design & construct Contractors documentation and	International	Contractor	3 times during contract duration

	acceptance of new installations			
TRN 40	Transmission System Technology and Bench Marking Review	International	Contractor	3 times during contract duration
Generation Courses				
GEN 01	Induction Training	Iraq	RMEK Personnel	RMEK Responsibility
Course No.	Course Title	Course Delivery Location	Course to be Delivered by	Frequency
GEN 02	Hydro Generation Control System – Operation, Programming and Test	International	Contractor	3 times during contract duration
GEN 03	Generation System Standards	Iraq	Contractor	3 times during contract duration
GEN 04	Hydro Generation – Operation, Maintenance, Test and Repair - Theory	International	Contractor	3 times during contract duration
GEN 05	Hydro Generation - Operation - Certification	Iraq	Contractor	3 times during contract duration
GEN 06	Hydro Generation - Operation - Refresher	Iraq	Contractor	2 times during contract duration
GEN 07	Protection and Control System – Configuration and Testing	Iraq	Contractor	3 times during contract duration
GEN 08	Hydro Generator – Mechanical System - Testing and Maintenance	Iraq	Contractor	3 times during contract duration
GEN 09	Hydro Generator – Electrical System - Testing and Maintenance	Iraq	Contractor	3 times during contract duration
GEN 10	Hydro Generation Station – Ancillary Services – Operation Maintenance and Repair	Iraq	Contractor	3 times during contract duration
GEN 11	Hydro Generator – Machine Testing to Confirm Accuracy of Software Model	International	Contractor	3 times during contract duration
GEN 12	Planning and Management of Major Overhaul and Maintenance Projects	International	Contractor	3 times during contract duration
GEN 13	Safety Management in a Hydro Generating Environment	International	Contractor	3 times during contract duration
GEN 14	Generation System Technology and Bench Marking Review	International	Contractor	3 times during contract duration
Common Courses for all DGs				
ADG 01	Economics of Power Generation and Energy Trading	International	Contractor	3 times during contract duration
ADG 02	Risk Assessment and Hazard Identification – Planning and Business Level	International	Contractor	3 times during contract duration
ADG 03	Managing Change	International	Contractor	3 times during contract duration
ADG 04	Negotiation Techniques	International	Contractor	3 times during contract duration
ADG 05	Strategic Management	International	Contractor	3 times during contract duration
ADG 06	Project Management	Iraq	Contractor	3 times during contract duration

ADG 07	Technical Conference – Bi Annual - CPD	Iraq	Contractor	4 times during contract duration
ELC 01	TOT – Electrical Skills Trainer	Iraq	Contractor	Once
ELC 02	Basic Electrical Skills	Iraq	RMEK Trainer	RMEK Responsibility
Course No.	Course Title	Course Delivery Location	Course to be Delivered by	Frequency
Safety Courses for all DGs				
SAF 01	TOT – Training of RMEK Trainers	International	Contractor	Once
SAF 02	Office Safety	Iraq	RMEK Trainer	RMEK Responsibility
SAF 03	Safety Management for Managers and Engineers	Iraq	RMEK Trainer	RMEK Responsibility
SAF 04	Risk Assessment and Hazard Identification – Prior to Commencing Manual Task	Iraq	RMEK Trainer	RMEK Responsibility
SAF 05	Incident Investigation	Iraq	RMEK Trainer	RMEK Responsibility
SAF 06	Occupational Health and Safety (Advanced) – Safety Officer Training	International	Contractor	3 times during contract duration
SAF 07	Safety with Electricity	Iraq	RMEK Trainer	RMEK Responsibility
SAF 08	Manual Handling and Lifting	Iraq	RMEK Trainer	RMEK Responsibility
SAF 09	Safe Working at Heights	Iraq	RMEK Trainer	RMEK Responsibility
SAF 10	Safe Work in Confined Spaces	Iraq	RMEK Trainer	RMEK Responsibility
SAF 11	Safety with Excavations and Safe Operation of Excavators	Iraq	RMEK Trainer	RMEK Responsibility
SAF 12	Safe Driving Techniques	Iraq	RMEK Trainer	RMEK Responsibility
SAF 13	4WD Operation Under Off Road Conditions	Iraq	RMEK Trainer	RMEK Responsibility
SAF 14	Safe Slings of Loads and Communication with Crane Driver	Iraq	RMEK Trainer	RMEK Responsibility
SAF 15	Safe Work with Mobile Cranes	Iraq	RMEK Trainer	RMEK Responsibility
SAF 16	Safe Work with Heavy Lift Cranes	Iraq	RMEK Trainer	RMEK Responsibility
SAF 17	Locating Underground Services	Iraq	RMEK Trainer	RMEK Responsibility
SAF 18	Forklift Safety	Iraq	RMEK Trainer	RMEK Responsibility
SAF 19	Safe Warehouse Operation and Racking Inspection	Iraq	RMEK Trainer	RMEK Responsibility
SAF 20	Basic First Aid – Certification	Iraq	RMEK Trainer	RMEK Responsibility
SAF 21	Basic First Aid – Refresher	Iraq	RMEK Trainer	RMEK Responsibility
SAF 22	Intermediate First Aid – Certification	Iraq	Contractor	3 times during contract duration

SAF 23	Intermediate First Aid – Refresher	Iraq	Contractor	2 times during contract duration
SAF 24	Occupational First Aid – First Aid Officer - Certification	Iraq	Contractor	3 times during contract duration
Course No.	Course Title	Course Delivery Location	Course to be Delivered by	Frequency
SAF 25	Occupational First Aid – First Aid Officer - Refresher	Iraq	Contractor	2 times during contract duration
SAF 26	Basic Fire Fighting	Iraq	RMEK Trainer	RMEK Responsibility
SAF 27	Traffic Control	Iraq	RMEK Trainer	RMEK Responsibility

Annex 3- List of Office Equipment, Testing Equipment and Furniture
Please see separate attached files