



REFERENCE LIST



Agent & Distributor Technical Service

Year	Customer	Project Name	Description	Qty
2018	KEPCO KPS	IPP2	Periodic Maintenance for the power plant transformers including all required tests beside tan delta & FRA Main Step up Transformer (GSU)X3 Station Aux. TR (SAT)X2 Distribution & Station Service TR (SFC-SEE & SST)X18	1 Set
2018	TSK-Shweikh Est. for Contracting	50MW Safawi PVPP	Complete Installing, Testing & Commissioning the Electrical work including the 36KV Switchgear, Control, SCADA, 2x75MVA, 33/132KV TR, 2X33/0.4KV TR, 132KV Switchyard including CT, VT, SA & DS with all control, metering & protection panels.	1 Set



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2018	KAWARENERGY	SESAME 7MWPVPP	Complete testing & commissioning	1 Set
2018	KAWARENERGY	ICC 6.2MWPVPP	Complete testing & commissioning	1 Set
2018	SMA	Wadi Alesh PV	Complete testing & commissioning	1 Set
2018	ICCS	Braik 2MW PVPP	Complete Pre-Testing for the PVPP – LV Side including the I-V Curve, Isc – Voc, Earthing Resistance, Insulation Tests & LV Switchboards	1 Set
2018	ICCS	Aum Alrasas 2MW PVPP	Complete Pre-Testing for the PVPP – LV Side including the I-V Curve, Isc – Voc, Earthing Resistance, Insulation Tests & LV Switchboards	1 Set
2018	IDECO	-	Testing MV Current & Voltage Transformers	1 Set
2018	SIEMENS	Tafila 33/11KV S/S	Installing, Testing & commissioning 33&11KV 26 Switchgears, 2 NGR, 110V DC System & 400V AC system.	1 Set
2018	ISRAR	Mafraq PVPP	Testing The Transformer	1 Set
2018	ALGHANEM	IDECO 33/11KV S/S	Oil Analysis for 4 Transformers	1 Set
2018	ISES	Jordan Refinery	SAT for 7500kVA & 800kVA	5 TR's
2018	ATCCO	Carbonate	MV cable Terminations & Test	1 Set
2018	Reliance Power Services Co. Ltd.	Mafraq 100MW PVPP	VLF for MV cables	1 Set



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2018	elecnor	Alrajef Wind Farm	SAT for 33/132KV, 60/80MVA Transformer	2 TR's
			SAT for 33/0.4KV Transformer	4 TR's
			Oil filtration & filling for the for 33/132KV, 60/80MVA Transformer	2 TR's
			Oil analysis for the Power & Aux. Transformers	7 samples
			AC HV Test for the 33KV Switchgear	1 Set
			Contact Resistance for the 33KV Switchgear	1 Set
			Earthing Resistance Test	1 Set
			Step & Touch Voltage Test for the Switchgear & Wind Turbines	1 Set
			VLF for the MV cables	1 Set
2018	ALCAZAR	Maan PVPP	Loading setting & Testing the Protection Relays on Delivery S/S	1 Set
2018	Renegy Power Plant Group	Mafrq PVPP	Oil filtration & Testing Protection Relay	1 Set
2018	Excellent for Energy Consultancy.,LLC	Sulphochemicals 2.4MW PVPP	Engineering Services	1 Set
2018	AES	IPP1	Oil Filtration & Filling	1 Set
2018	ALSAHA	Private PVPP	Supply, Installing & Testing 33KV Delivery Station	1 Set
2018	OHL	Mafrq 100MW PVPP	VLF, Fault Locator for MV Cables	1 Set
2018	OHL	Mafrq 100MW PVPP	Step & Touch Voltage Test	1 Set
2018	KEPCO	IPP3	SAT for 15-15/400KV, 130 & 85MVA Transformer	7 TR's
2018	KEPCO	IPP3	Testing the Protection Relays for 15-15/400KV, 130 & 85MVA Transformer	7 TR's



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2017	Sun Rise	ICCs Project - BRAIK	Electromechanical & Civil Works (PV Project)	2.14 MWP
2017	Kawar Energy	Ettihad Bank- Zarqa (AL Sukhna)	Electromechanical & Civil Works (PV Project)	1.7 MWP
2017	Sun Rise	ICCs Project-UM ALRASSAS	Electromechanical & Civil Works (PV Project)	2.17 MWP
2017	Shweikh contracting	Ministry of Energy Project - Aqaba (Qweira)	-Trenches Excavation -Flexible and conduits laying -Earthing system (PV Project)	51.75 MWP
2017	Ahmad Badawieh contracting	Ministry of Energy Project - Aqaba (Qweira)	ALL LV Electrical Works (PV Project)	51.75 MWP
2017	Tek Energy	Ministry of Energy Project - Aqaba (Qweira)	Mechanical Installation (PV Project)	5 MWP
2017	Kawar Energy	Yarmouk University- Irbid	Electrical Works (PV Project)	3 MWP



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2017	KAWAR	Sukhna # 1 2MVA PVPP	Complete Pre-Testing for the PVPP – LV Side including the I-V Curve, Isc – Voc, Earthing Resistance, Insulation Tests & LV Switchboards	1 Set
2017	KAWAR	Sukhna # 2 2MVA PVPP		1 Set
2017	IDECO/Lanka	Tender Supply	Site Acceptance Test on Distribution Transformers	18 TR's
2017	Jordan Bromine	Maintenance Work	Oil Testing & Filtration for the Transformers	1 Set
2017	Jordan Bromine	Maintenance Work	Complete Testing & Commissioning for the MV Switchgear	3 Panel
2017	IDECO	33/11KV SUBSTATION	Oil Filling & Filtration by our filtration machine for 33/11KV, 25MVA Transformer	4 TR's
2017	OHL	Gabawi Tank Storage	Configuration & Testing the protection relays	1 Set
2017	OHL	Gabawi Tank Storage	Step & Touch Voltage test for the earthing grid	1 Set
2017	ALOTOOM	Sulphochemicals Industries Co. Ltd./ 2.4 MW PV Plant	MV Cable Terminations	1 Set
2017	ENVIROMENA	QWEIRA 103MW	Attending FAT as third party for Transformers	1 Set
2017	ISASTUR	Tafila Wind Farm	MV Cable Terminations (Supply & Installing)	1 Set
2017	Iron Factory	Iron Factory	MV Cable Termination	1 Set
2017	ENERRAY	PVPP	MV Cable Termination	1 Set
2017	PRENECON	ALFUJIJ Wind Farm	Testing Earthing Resistance for WG	1 Set



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2017	HEC Solar Ltd.	Mafraq 50MW PVPP	MV Cable Termination 186 kits & Cable Test including VLF	1 Set
2017	Sunrise	UAR PVPP	Site Acceptance Test for 33/0.4KV Transformer	2 TR's
2017	Sunrise	BRAIK PVPP	Site Acceptance Test for 33/0.4KV Transformer	2 TR's
2017	Sunrise	UAR PVPP	I-V Curve Test for the 3MW PVPP	1 Set
2017	Sunrise	BRAIK PVPP	I-V Curve Test for the 3MW PVPP	1 Set
2017	Sunrise	UAR PVPP	MV Cable Termination & Cable Test including VLF	1 Set
2017	Sunrise	BRAIK PVPP	MV Cable Termination & Cable Test including VLF	1 Set
2017	OHL/Maher Altit	Mafraq 100MW PVPP	MV Cable Termination 73 kits & Cable Test including VLF	1 Set
2017	HEC Solar Ltd.	Mafraq 50MW PVPP	I-V Curve Test	1 Set
2017	RHC/Spectrum.	RHC 14MW PVPP	I-V Curve Test	1 Set
2017	HEC Solar Ltd.	Mafraq 50MW PVPP	Fiber Optic Installation & testing	1 Set
2017	Spectrum	3MW PVPP	Supply, Installing, Testing & commissioning of MV Switchgear (4 cubicles), 33KV Cables, Cables Terminations & 3 Transformers 33/0.4KV, 1500KVA	1 Set
2017	ENVIROMENA	Qweira 103MW PVPP	Electrical Manpower Services	1 Set



Year	Customer	Project Name	Description	Qty
2017	ENVIROMENA	Qweira 103MW PVPP	Site Acceptance Test including tandelta, FRA & Transformer Oil for 3150KVA 33/0.4/0.4/0.4KV	41 TR's
2017	ENVIROMENA	Qweira 103MW PVPP	Step & Touch Voltage	1 Set
2017	ENVIROMENA	Qweira 103MW PVPP	Installing, testing & Commissioning Cable Differential relay	8 Relays
2017	ENVIROMENA	Qweira 103MW PVPP	Testing the Fiber Cable	1 Set
2017	SEPCO III	Husein Power Plant	Testing Bushing CT's & Tandelta for the Generation Step up Transformer before installing	1 Set
2017	Elaf	Arab Potash	Supply & Installing 3.3KV Cable Terminations	1 Set
2017	Belectric	Ayla PVPP	11KV Cable Termination	1 Set
2017	ATCCO	Carbonate Factory	Supply & Install 12KV Cable Termination	1 Set
2017	Feras Balasmeh Group	HBT PVPP	Supply & Install 12KV Cable Termination	1 Set



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2017	Global Energy	Shamsuna 10MW PVPP	Testing MV cable (Insulation Test & VLF)	1 Set
2017	JIFCO/Private	Shidiye Project	Testing 11KV Switchgear	1 Set
2017	Siras Contracting	Amman Airport	SAT for 30 KVA, Single phase, 3300/240 V, Dry Type Transformers	5 TR's
2017	AL-ISRAR	AAL ALBAYT University PV Project	Testing the 33KV Switchgear & 3x1500KVA, 33/0.4KV	1 Set
2017	AES	IPP1	Oil Filtration for GSU Transformer	1 TR's
2016-2017	idreco / Italy	SAMRA Power Plant	I&C Assistant	1 Set
2017	Ahmad Badaweih Est. & Shweikh Est. for Contracting	103MW Qweira PVPP	Testing the MV cables (Insulation Test & VLF)	212 cables
2017	Ahmad Badaweih Est.	103MW Qweira PVPP	Installing Cable Terminations & Joints (RSTI/RSTI-CC/MXAW/EPKT – from Raychem)	240 kits



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2017	SAM	Saraya - Aqaba	Testing 11KV Switchgear – AC Hipot, CT & VT	1 Set
2017	NEPCO	Qweira 132/33KV Station	Testing FRA for 132/33KV, 80MVA Transformer	1 TR
2017	IDECO	20MVA, 33/11KV Power Transformer	Winding and bushing Insulation power factor tests (tan delta)	1 TR
2017	EMC	Amman West S/S 400/132KV	Testing the MV cables (VLF) & MV Busbars	1 Set
2017	Ahmad Badaweih Est.	103MW Qweira PVPP	Supply of Earthing Materials, Cable Lugs 240sq.mm, Cable Ties & Cable Shoes 6sq.mm	1 Set
2017	Shweikh Est. for Contracting	103MW Qweira PVPP	Supply of Earthing Materials, Cable Lugs 240sq.mm, Cable Ties & Cable Shoes 6sq.mm	1 Set
2017	Ahmad Badaweih Est.	103MW Qweira PVPP	Supply of MV cable Terminations & Joints	240 kits
2017	Shweikh Est. for Contracting	103MW Qweira PVPP	Supply of MV cable Terminations & Joints	240 kits
2017	Enviromena & TSK	103MW Qweira PVPP	Electrical work for 50MW PVPP	1 Set
2017	SAM	Saraya - Aqaba	Testing & commissioning MV Switchgears	1 Set
2017	SPECTRUM	2.3MW PVPP	Design MV System	1 Set
2016	First Solar	53MW PVPP	Testing I-V curves for some PV Panels	1 Set



Year	Customer	Project Name	Description	Qty
2016	Phoenix Solar	11MW PVPP	Testing & commissioning MV Switchgears, Transformers, LV Switchboards & cables	1 Set
2016	ALMOSTAQBAL	Consultant for KHCC	preparing the visibility study for KHCC (King Hussein cancer center) project 17 MWp to submit it to Islamic Development Bank in Saudi Arabia	1 Set
2014-2016	Different	PV Visibility Study	Preparing more than 300 Visibility studies for projects on different sectors in the last 3 years.	1 Set
2016	NEPCO	Hizam S/S	Testing FRA for 132/33KV, 80MVA Transformer	1 TR
2016	ATCOO	ZARQA PUMP S/S	Site Acceptance Test for 4MVA, 33/6.6KV Transformer	2 TR's
2016	ATCOO	ZARQA PUMP S/S	Oil Filtration & filling for 4MVA, 33/6.6KV Transformer	2 TR's
2016	Private	PV Power Plant	1.3MW PV Power Plant (Mechanical & Electrical Installation)	1 Set
2016	ATCCO	East & West Zarqa Water Pump S/S	Supply & Testing Dry Type Transformer 400KVA, 6.6/0.415KV.	2 TR's
2016	EMC/NEPCO	Amman West 400/132KV S/S	Oil Analysis, Filtration & Filling the following: Two 400MVA. 400/132/33KV Transformer, Two Reactors & Two Aux. Transformers	1 Set
2016	EMC/NEPCO	Amman West 400/132KV S/S	Site Acceptance Test (SAT) for the following: Two 400MVA. 400/132/33KV Transformer, Two Reactors & Two Aux. Transformers	1 Set
2016	MARTIFER SOLAR	Interconnection with NEPCO	Supply, Install & Testing 33KV (12km.) & Fiber Optic (8km.)Cables	1 Set
2016	MARTIFER SOLAR	B3 - Zahrat Al Salaam PV Plant 10MW - MDA	Civil & Electrical (including supply & testing of MV & LV cables) works	1 Set



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2016	IDEEMASUN & Scatec Solar	10MW PVPP MDA	Electrical work	1 Set
2016	MARTIFER SOLAR	B4 - Al Ward Al Joury PV Plant 10MW - MDA	Civil & Electrical (including supply & testing of MV & LV cables) works	1 Set
2016	MARTIFER SOLAR	B2 – Al-Zambaq PV Plant 10MW - MDA	Civil & Electrical (including supply & testing of MV & LV cables) works	1 Set
2016	MARTIFER SOLAR	JSO PV Power Plant - Mafraq	52KV Cable Termination & Testing including VLF Test.	1 Set
2016	MARTIFER SOLAR	JSO PV Power Plant - Mafraq	Installing & Testing Line Differential RED615 Relay on NEPCO S/S	2
2016	Jordan Phosphate Mines Co.	Jordan Phosphate Mines Co.	Site Acceptance Test for 33/6.6KV, 7.5MVA Transformer	1 TR
2016	ATCCO	ATCCO	Testing LV Cables	1 Set
2016	NCI	Chlorine Factory	Testing the Rectifier Transformer & 33KV Cables	1 Set
2016	NCI	Chlorine Factory	Oil Filtration for the Rectifier Transformer & 33KV Cables	1 Set
2016	ISASTUR	Tafila Wind Farm	33/132KV Transformer Site Acceptance Test including tan delta & FRA	1 Set
2016	ISASTUR	Tafila Wind Farm	33/132KV Transformer Oil Filtration & Filling	1 Set
2016	ATCCO	Dead Sea PV Power Plant	Testing 33/0.415KV Station including 5 cubicles (33KV)	1 Set
2016	Khalifeh Contracting Co.	Interconnection with NEPCO	MV & Fiber Optic Cables Termination & Testing	1 Set
2016	Saraya - Aqaba	Saraya Infra Structure	MV Cable Termination & Joints	1 Set



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2016	ARANER	Abdali District Heating and Cooling Plant	Testing the LV Bus Bars	1 Set
2015	Al-Hassan Sport City	Al-Hassan Sport City (Irbid)	Testing 11/0.4KV Dry Type Transformer	3 TR's
2015	Khalifeh Contracting Co.	MDA PVPP	MV Cable Termination & Testing	1 Set
2015	ATCCO & ENERRAY	Aqaba PVPP	Testing MV Cables	1 Set
2015	Al Dana Construction	Irbid PVPP	MV Cable Termination & Testing	1 Set
2015	Wartsila	IPP4	Testing 15/132KV Transformer	1 TR
2015	AES	IPP1	Oil Filtration for Main STG & UAT Transformers	2 TR's
2015	Degremont & Morganti	SAMRA WASTE WATER	Oil Filtration & filling for Transformer	1 TR
2015	ATCCO	Farah Hospital	Testing LV Switchboards, Emergency Diesel Generators & ATS Panels	1 set
2015	ISASTUR	Tafila Wind Farm	Testing 33/132KV Transformer including tan delta & FRA	1 TR
2015	ARANER	Abdali District Heating and Cooling Plant	Oil Filtration & filling for 2x10MVA, 33/11KV Transformers	2 TR's
2015	Philadelphia Solar	PVPP-Mafraq	Testing MV Cables	1 set
2015	EMC	Arab Potash Company-Jordan	Testing MV cables & Busbars	1 set
2015	ALMOSTAQBAL & FIRST SOLAR	Shams Maan 57MW PVPP	Design the Electrical System of the PVPP	1 set
2015	JIFCO/MID	Shidiye Project	Testing 33/11KV Transformers & Their Switchgears	1 set
2015	JIFCO/MID	Shidiye Project	Oil filling & filtration 33/11KV Transformers	1 set
2015	ABB	Alhasan Industrial	Tan delta test for 33/11KV, 25MVA Transformer	1



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2015	ABB	Alhasan Industrial	Oil Filling & Filtration 25MVA, 33/11KV Transformers	2 TR's
2015	Trench	IPP3	Testing 400KV Voltage Transformers including tan delta test	16 VT's
2015	Airport International Group (AIG)	AIG Metering System	Testing MV Current Transformers & Meters	6 CT's
2015	AES	IPP1	Oil transformer filtration for Main STG & UAT Transformers	2 TR's.
2015	ISASTUR	Tafila Wind Farm	Step & Touch Voltage Test	1 set
2015	ISASTUR	Tafila Wind Farm	Testing 132KV Voltage Transformer including tan delta	6
2015	ISASTUR	Tafila Wind Farm	Testing 33/132KV Transformers including tan delta & FRA	2 TR's.
2015	ISASTUR	Tafila Wind Farm	Rent Testing Equipment for the MV Switchgear	1 set
2015	ISASTUR	Tafila Wind Farm	Oil filling & filtration for 33/132KV Transformers	2 TR's
2015	METKA	Hassi-Rmel-Algeria	Testing MV Switchgear, protection & control Panels for 590MW Power Plant	1 set
2015	ISASTUR	Tafila Wind Farm	Fiber Optic Terminations, Joints & Testing	1 set
2015	ARANER	Abdali District Heating and Cooling Plant	Installing earthing system by exothermic welding	1 set
2015	Hassouneh Group	RamALLAH Steel Factory	Site Acceptance Test for 35MVA, 33/0.6KV Transformer including tan delta & SFRA	1 TR
2015	Hassouneh Group	RamALLAH Steel Factory	Oil Filtration & filling for 35MVA, 33/0.6KV Transformer	1 TR
2015	Scatec Solar	10MW PVPP / ORYX	Supply, Installing & Testing 16km 33KV Cable & 32km Fiber Optic	1 set
2015	IDEEMASUN & Scatec Solar	10MW PVPP / ORYX	Man power services	1 set
2015	IDEEMASUN & Scatec Solar	10MW PVPP / ORYX	Installation of the Electrical Work	1 set



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2014-2015	VESTAS	TAFILA WIND FARM	Electrical Consultant	1 set
2014-2015	METKA	SAMRA PHASE 3 ADD- ON COMBINED CYCLE POWER PLANT	Testing & commissioning Power Transformer 15/132KV, 105/175MVA, MV Switchgear, LV Switchboard, DC System, Instrument & DCS	1 set
2014	Miyahuna	WMZM=Treatment Plant – Dead Sea Area	Testing Transformer Oil	4 samples
2014	Degremont & Morganti	SAMRA WASTE WATER TREATMENT	Supply & Install MV Cable Termination	64
2014	MAG Engineering & Contracting Co.	SAMRA PHASE 3 ADD- ON COMBINED CYCLE POWER PLANT	Testing MV Cables	1 set
2014	MED Contracting	Shidiyeh Project	Testing 11KV Switchgear	3
2014	Wartsila	IPP4	Testing 15/132KV Transformer	4
2014	AES Jordan PSC	IPP1	GT#1 outage man power	10
2014	AES Jordan PSC	IPP1	GT#2 outage man power	10
2014	AES Jordan PSC	IPP1	GT#1&2 main transformer oil filtration	2
2013	SIEMENS	Karak, Shoubak & Tafila Projects	Installing, Testing & Commissioning 33 & 11KV switchgear complete with all required DC & AC Systems and Enclosures for outdoor.	25
2013	Electroputere	SAMRA FAST TRACK SIMPLE CYCLE COMBUSTION	Testing & commissioning 9/15MVA & 4.72MVA transformers	2 TR's
2013	Arab Towers Contracting Co.	Modern Cement & Mining Co. – Manaseer Cement	Testing & Commissioning 6.6KV OHL, 6.6KV Switchgear & 1000KVA, 6.6/0.4KV Transformer	1 set



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2013	Elconcorde	Regency Hotel – Dead Sea Area	Testing & Commissioning 1500KVA, 11/0.415KV dry Type Transformer	3 TR's
2013	Elconcorde	Regency Hotel – Dead Sea Area	Testing MV Cable	1 Set
2013	SIM Corp. Ltd	IPP3	Installing, Testing & Commissioning 15-15/400KV, 130 & 85MVA	7 TR's
2013	LOTTI	IPP3	844 Cable Termination, 422 Cable DC Hipot Test & 7 Segregated Phase Busduct	1 set
2013-2014	METKA	SAMRA FAST TRACK SIMPLE CYCLE COMBUSTION TURBINE POWER PROJECT	Testing & commissioning Power Transformer 15/132KV-105/175MVA, MV Switchgear, LV Switchboard, DC System, Instrument & DCS	1 set
2013	MAG Engineering & Contracting Co.	SAMRA FAST TRACK SIMPLE CYCLE COMBUSTION TURBINE POWER PROJECT	Testing MV Cables	1 set
2012-2013	JIFCO	Sulphuric & Phosphoric Acid Plants	Installing, Testing & Commissioning different type of Transformers	33 TR's
2012-2013	JIFCO	Sulphuric & Phosphoric Acid Plants	Installing, Testing & Commissioning 33, 11 & 6.6KV switchgear	183 Cubicles
2012-2013	JIFCO	Sulphuric & Phosphoric Acid Plants	Installing, Testing & Commissioning MCC Panels	229 Panels
2012-2013	JIFCO	Sulphuric & Phosphoric Acid Plants	Installing, Testing & Commissioning Capacitor Banks, DC System, UPS, LV & MV cables for above Transformers & Switchgears	1 Set



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2012-2013	Shamara Group	Shat A-Basra Power Plant Project 10 x Frame 9e (10x125MW)	Electrical Team Leader	1 Set
2012	elconcorde	Zatary Project	Testing 33KV Switchgear	3 Cubicles
2011	JEMSCO	Ayla Substations	Installing, Testing & Commissioning 33&11KV switchgear complete with all required DC & AC Systems	44 Cubicles
2011	Shamara Group	Daura Refinery Power Plant	Project Manager	1 Set
2011	JEMSCO	Zara & Mujeb Pumping Substations	Installing, Testing & Commissioning 33&6.6KV switchgear complete with all required DC & AC Systems	40 Cubicles
2010	SAMYOUNG ROUP CORP. LTD	SAMRA Power Station Phase 3	Installing, Testing & Commissioning 15/132KV, 175MVA & Aux. with all needed HV, MV & LV cables	2 Sets
2010	Shamara Group	Basra Steel Power Plant	Project Manager	1 Set