



Product Active List

PRODUCT APPROVAL SECTION

Updated: July 2017

DCRP/PA/PAL/2017/03

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1. Approved Product List

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- 1.14: Electrical Poles
- 1.15: Protection & Auxiliary Relays
- 1.16: Battery System
- 1.17: Other Products:-
 - 1.17.1: Electrical Sign & Number Plates
 - 1.17.2: Earthing Materials
 - 1.17.3: Electrical Conduit
 - 1.17.4: Connectors

A large, faint background graphic consisting of a central blue circle surrounded by several yellow diamonds arranged in a circular pattern, with a light blue orbital path looping around the central circle.

1.1. Switchgears

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- Expiry Date will be updated after DCRP Meeting 03/2017

1.1.1: 33 KV Outdoor Switchgears

Sr.	Manufacturer	Country of Origin	Supplier/Agent	Remarks	Date of Approval
1	AREVA T&D	INDIA	AREVA T&D	LIVE TANL MODEL GL309	29/01/2011
2	SIEMENS LTD	INDIA	SIEMENS LLC		07/10/2013

1.1.2: Indoor Switchgears

a. 33 KV Switchgears

Sr.	Manufacturer	Country of Origin	Supplier/ Agent	Remarks	Date of Approval
1	Siemens	INDIA	Siemens LLC	Under-Recall **	03/10/2006
2	Schneider Electric	TURKEY	Schneider Electric	Air Insulated Switchgear Model: F400 CB Rating: 2500 A & 1250 A	01/11/2007
3	Ormazabal GI	SPAIN	ONEIC	Hybrid (Solid/ Gas) insulated Switchgear Models: CPG.0 & CPG.1	17/06/2009
4	Siemens AG	GERMANY	Siemens LLC	Gas Insulated Switchgear MODEL: 8DA10 CB Rating: 1250 A	20/12/2011
5	ABB Electric Sanayi A.S	TURKEY	ABB LLC	Air Insulated Switchgear MODEL UNISAFE-36, TRADE NAME UNIGEAR ZS-2	03/12/2012
6	Schneider Electric SACHSENWERK GmbH	GERMANY	Schneider Electric	Gas insulated Switchgear MODEL WSA-36	04/03/2013

b. 11 KV Switchgears

Sr.	Manufacturer	Country of Origin	Supplier/Agent	Remarks	Date of Approval
1	Siemens AG	GERMANY	Siemens LLC	Gas Insulated Switchgear Model: NXPLUS-C CB Rating: 1250 A & 630 A	20/12/2011
2	Jyoti Sohar	OMAN	Jyoti Sohar	Air insulated Switchgear Model: PH-700 & PH 800 CB Rating: 1250 A & 630 A	12/02/2014
3	Toshiba TDS Asia SDN	MALAYSIA	Great Masa Trading & Technical Services	Air insulated Switchgear Model: HV 12 CB Rating: 2000 A & 800 A	15/12/2014
4	Tavrida Electric	ESTONIA	National Power & Water LLC	Air insulated Switchgear Model: SG15-MILE CB Rating: 1250 A & 630 A	25/10/2015
5	AI Assar Electric LLC	OMAN	AI Assar Electric LLC	Air Insulated Switchgear Model: Safegear with ABB CB (VD4) Rating: 1250 A & 630 A	18/11/2015
6	Voltamp Energy	OMAN	Voltamp Energy	Air Insulated Switchgear Siemens CB rating: 1250 A & 1600 A	08/05/2017

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1.2. Transformers

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1.2.1: Power Transformers (1, 3 & 6 MVA; 33/11.5 KV)

Sr.	Manufacturer	Country of Origin	Supplier/Agent	Remarks	Date of Approval
1	Emirates Transformers & Switchgear	U.A.E	Nasser & Saif Trading Co.	Under-Recall **	11/05/1994
2	VOLTAMP Transformers	OMAN	VOLTAMP Transformers	Under-Recall **	22/12/1999
3	Al Jizzi Transformers & Switchgear CO.LLC	OMAN	Al Jizzi Transformers & Switchgear CO.LLC		25/12/2006

1.2.2: Power Transformers (10 & 20 MVA; 33/11.5 KV)

Sr.	Manufacturer	Country of Origin	Supplier/Agent	Remarks	Date of Approval
1	Emirates Transformers & Switchgear	U.A.E	Nasser & Saif Trading Co.	Under-Recall **	11/05/1994
2	Emirates Transformers & Switchgear	U.A.E	Nasser & Saif Trading Co.	20 MVA	17/04/2007
3	Sanil Electric Co Ltd	KOREA	Atlas international engineering services	20 MVA	21/11/2010
4	VOLTAMP Transformers	OMAN	VOLTAMP Transformers	20 MVA	20/12/2011
5	VOLTAMP Transformers	OMAN	VOLTAMP Transformers	10 MVA	22/05/2012
6	ABB Limited	INDIA	ABB LLC, Oman	20 MVA with ABB OLTC	21/05/2014

1.2.3: Distribution Transformers (100, 200, 315; 33/0.433 KV & 11/0.433 KV)

Sr.	Manufacturer	Country of Origin	Supplier/Agent	Remarks	Date of Approval
1	VOLTAMP Transformers LTD.	OMAN	VOLTAMP Transformers	Under-Recall **	1993
2	United Transformers Electric Company	KSA	United Engineering Projects Company LLC	Under-Recall **	24/02/2008
3	The Saudi Transformers Company	KSA	Bin Salim Enterprises	Voltage rate: 11/0.433 KV	14/06/2015
4	Emirates Transformers & Switchgear	U.A.E.	Nasser & Saif Trading Co.	Voltage rate: 11/0.433 KV	31/08/2016
5	Al Jizzi Transformers & Switchgear CO.LLC	OMAN	Al Jizzi Transformers & Switchgear CO.LLC	Voltage rate: 11/0.433 KV	28/11/2016

1.2.4: Distribution Transformers (500 & 1000 KVA; 11/0.433 KV)

Sr.	Manufacturer	Country of Origin	Supplier/Agent	Remarks	Date of Approval
1	Emirates Transformers & Switchgear	U.A.E.	Nasser & Saif Trading Co.	Under-Recall **	08/01/1992
2	VOLTAMP Transformers LTD.	OMAN	VOLTAMP Transformers	Under-Recall **	1993
3	United Transformers Electric Company	KSA	United Engineering Projects Company LLC	Under-Recall **	24/02/2008
4	The Saudi Transformers Company	KSA	Bin Salim Enterprises		14/06/2015
5	Eurogulf Transformer FZE	U.A.E	Scan Electromechanical Cont. Co. LLC		18/11/2015
6	Al Jizzi Transformers & Switchgear CO.LLC	OMAN	Al Jizzi Transformers & Switchgear CO.LLC		28/11/2016
7	Federal Transformer Co	UAE	Zubair Electric		28/11/2016

A large, faint background graphic consisting of a central blue sphere, a light blue elliptical ring, and several yellow diamond shapes arranged in a star-like pattern.

1.3. Ring Main Unit

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1.3.1: Oil Type

Sr.	Manufacturer	Country of Origin	Supplier/Agent	Remarks	Date of Approval
1	Lucy Electric FZE	UAE, Jabel Ali	Bin Salim Enterprises LLC	Models: FRMUE, EOS, EFS (Colour # RAL 7033)	28/11/2016

1.3.2: SF6 Type

Sr.	Manufacturer	Country of Origin	Supplier/Agent	Remarks	Date of Approval
1	Schneider	UK	Zubair Electric Co.		03/10/2006
2	Lucy Switchgear	UAE	Bin Salim Enterprises LLC		05/07/2009
3	ABB India LTD	INDIA	ABB Oman LLC	Model: SAFELINK CB (SLP)	28/11/2016

A large, faint background graphic consisting of a central blue sphere surrounded by several yellow diamond shapes, with a light blue orbital path looping around the central sphere.

1.4. Capacitor Banks

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1.4.1: 11.5 KV, 5 MVAR Capacitor Banks

Sr.	Manufacturer	Country of Origin	Supplier / Agent	Remarks	Date of Approval
1	Power Economy Middle East CO	UAE	Al Murad International EST		01/06/2009
2	Suvre Electric FZE	UAE	General Electronics & Trading Co. LLC		03/04/2013
3	Systems Power Limited	UK	Systems Power Limited		10/05/2016

1.4.2: 33 KV, 20 MVAR Capacitor Banks

Sr.	Manufacturer	Country of Origin	Supplier / Agent	Remarks	Date of Approval
1	Power Economy Middle East CO	UAE	Power Economy Oman LLC		14/05/2015
2	Systems Power Limited	UK	Systems Power Limited		10/05/2016

A large, faint background graphic consisting of a central blue sphere surrounded by several yellow diamonds arranged in a circular pattern, with a light blue orbital path looping around the central sphere.

1.5. Auto-Reclosers

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1.5.1: (11 KV) Auto-Reclosers

Sr.	Manufacturer	Country of Origin	Supplier/Agent	Remarks	Date of Approval
1	Tavrida Electric	ESTONIA	Zubair Electric		19/02/2011
2	P & C Technology	KOREA	Global Corp Enterprise		10/12/2013
3	Noja Power Switchgear	AUSTRALIA	Rukun Al-Yaqeen International		06/07/2015
4	Cooper Power System	USA	General Electronics & Trading CO.	Under-Recall **	--

1.5.2: (33 KV) Auto-Reclosers

Sr.	Manufacturer	Country of Origin	Supplier/Agent	Remarks	Date of Approval
1	Noja Power Switchgear	AUSTRALIA	Rukun Al-Yaqeen International		07/10/2013
2	Tavrida Electric	ESTONIA	Zubair Electric		10/05/2016

A decorative background graphic consisting of a central light blue sphere, a light blue orbital ring, and several yellow diamond shapes arranged in a diamond pattern around the center.

1.6. Distribution Feeder Pillars

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1.6.1: 1600 A, 8 Ways Feeder Pillars

Sr.	Manufacturer	Country of Origin	Supplier/Agent	Remarks	Date of Approval
1	Al Rebou Elect. Switchgear Assembly	UAE	Al Rebou Electrical & Building Materials	Metallic Enclosure	14/05/2015
2	Urich Switchgear Manufacturing Co.	OMAN	Urich Switchgear Manufacturing Co.	Metallic Enclosure Plastic & Metallic Louvers	05/10/2015
3	VOLTAMP Energy	OMAN	VOLTAMP Energy	Metallic Enclosure Metallic Louver Cover	09/02/2016
4	Majan Switchgear Co. LLC.	OMAN	Majan Switchgear Co. LLC.	Metallic Enclosure	09/02/2016
5	Talent Electric Services LLC	OMAN	Talent Electric Services LLC.	Metallic Enclosure	28/11/2016
6	Premier Switchgears LLC	OMAN	Premier Switchgears LLC	GRP Enclosure	28/11/2016
7	Al Hassan Switchgear Co	OMAN	Al Hassan Switchgear Co.	Metallic Enclosure	28/11/2016

1.6.2: 800 A, 6 Ways Feeder Pillars

Sr.	Manufacturer	Country of Origin	Supplier/Agent	Remarks	Date of Approval
1	Urich Switchgear Manufacturing Co.	OMAN	Urich Switchgear Manufacturing Co.	Metallic Enclosure Plastic & Metallic Louvers	05/10/2015
2	Al Hassan Switchgear Co.	OMAN	Al Hassan Switchgear Co.	Metallic Enclosure	25/10/2015
3	VOLTAMP Energy	OMAN	VOLTAMP Energy	Metallic Enclosure Metallic Louver Cover	18/11/2015
4	Majan Switchgear Co. LLC.	OMAN	Majan Switchgear Co. LLC.	Metallic Enclosure	09/02/2016
5	Talent Electric Services LLC	OMAN	Talent Electric Services LLC.	Metallic Enclosure	28/11/2016
6	Premier Switchgears LLC	OMAN	Premier Switchgears LLC	GRP Enclosure	28/11/2016
7	Al Rebou Elect. Switchgear Assembly	UAE	Al Rebou Electrical & Building Materials	Metallic Enclosure	28/11/2016

1.6.3: 400 A, 6 Ways Mini-Feeder Pillars

Sr.	Manufacturer	Country of Origin	Supplier/Agent	Remarks	Date of Approval
1	Urich Switchgear Manufacturing Co.	OMAN	Urich Switchgear Manufacturing Co.	Metallic Enclosure Plastic & Metallic Louvers	14/05/2015
2	Al Rebou Elect. Switchgear Assembly	UAE	Al Rebou Electrical & Building Materials	Metallic Enclosure	14/05/2015
3	VOLTAMP Energy	OMAN	VOLTAMP Energy	Metallic Enclosure Metallic Louver Cover	22/07/2015
4	Al Hassan Switchgear Co.	OMAN	Al Hassan Switchgear Co.	Metallic Enclosure	05/10/2015
5	Majan Switchgear Co. LLC.	OMAN	Majan Switchgear Co. LLC.	Metallic Enclosure	09/02/2016
6	Talent Electric Services LLC.	OMAN	Talent Electric Services LLC.	Metallic Enclosure	09/02/2016
7	Premier Switchgears LLC.	OMAN	Premier Switchgears LLC	GRP Enclosure	10/05/2016
8	Stars Light LLC.	OMAN	Stars Light LLC	Metallic Enclosure	10/05/2016

1.6.4: 400 A CUTOUT BOX with "J" TYPE FUSE

Sr.	Manufacturer	Country of Origin	Supplier/Agent	Remarks	Date of Approval
1	ASIATIC Electrical & Switchgear (RE-NEW)	INDIA	Al Siraj Al Arabi Trading & Cont.		08/05/2017
2	Star Lights LLC	OMAN	Stars Light LLC		21/11/2010

A large, faint background graphic consisting of a central blue circle, a light blue orbital ring, and several yellow diamond shapes arranged in a pattern around the center.

1.7. UG Cables & Accessories

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1.7.1: 33 KV XLPE Cables

Sr.	Manufacturer	Country of Origin	Supplier/Agent	Remarks	Date of Approval
1	Riyadh Cables	KSA	Gulf National Electrical Cables	Under-Recall **	03/08/1988
2	Nuhas Oman	OMAN	Nuhas Oman	OES 2, Edition 1995	08/04/2009
3	Phelps Dodge International Thailand LTD	Thailand	General Cables Oman	OES 2, Edition 1995	18/09/2014
4	DUCAB	UAE	DUCAB Muscat	OES 2, Edition 1995	31/08/2016
5	Oman Cables Industry	OMAN	Oman Cable	OES 2, Edition 1995	28/11/2016

1.7.2: 11 KV XLPE Cables

Sr.	Manufacturer	Country of Origin	Supplier/Agent	Remarks	Date of Approval
1	Riyadh Cables	KSA	Gulf National Electrical Cables	Under-Recall **	03/08/1988
2	Nuhas Oman	OMAN	Nuhas Oman	OES 2, Edition 1995	08/04/2009
3	Phelps Dodge International Thailand LTD	THAILAND	General Cables Oman	OES 2, Edition 1995	18/09/2014
4	DUCAB	UAE	DUCAB Muscat	OES 2, Edition 1995	31/08/2016
5	Oman Cables Industry	OMAN	Oman Cable Industry	OES 2, Edition 1995	28/11/2016

1.7.3: LV XLPE Cables

Sr.	Manufacturer	Country of Origin	Supplier/Agent	Remarks	Date of Approval
1	Elsewedy Group Of Companies	EGYPT	Sadeem International LLC	OES 2, Edition 1995	10/07/2007
2	Nuhas Cables	OMAN	Nuhas Oman	OES 2, Edition 1995	03/12/2008
3	Pakistan Cables Limited	PAKISTAN	General Cables Oman	OES 2, Edition 1995	22/05/2012
4	Power Plus Cable Company	UAE	DELTA CO	OES 2, Edition 1995	17/05/2012
5	Phelps Dodge International Thailand LTD	THAILAND	General Cables Oman	OES 2, Edition 1995	18/09/2014
6	Bahra Advanced Cable Co Ltd	KSA	Al-Barami Building Material & Trading	OES 2, Edition 1995	18/09/2014
7	Doha Cables	Qatar	Doha Cables LLC	OES 2, Edition 1995	15/12/2014
8	Oman Cables Industry	OMAN	Oman Cable Industry	OES 2, Edition 1995	18/11/2015
9	DUCAB	UAE	DUCAB Muscat	OES 2, Edition 1995	31/08/2016
10	National Cable Industry	UAE	Elemec Electrical Cont	OES 2, Edition 1995	27/06/2013
11	Riyadh Cables (RE-NEW)	KSA	Gulf Electrical Works	OES 2, Edition 1995	08/05/2017

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1.7.4: Cable Protection Tiles

Sr.	Manufacturer	Country of Origin	Supplier/Agents	Remarks	Date of Approval
1	Sparco Multiplast Pvt. Ltd.	INDIA	Al Munawara LLC		28/07/2008
2	Shri Ambica Plastic Industries	INDIA	Golden International Est. LLC		12/03/2008
3	Centriforce Products Limited	UK	Centriforce Products Limited		08/09/2010
4	Abraj Al Buraimi Trad. Co	OMAN	Al Kiyumi Electric & Trading Co.		24/02/2014
5	Al Samir Plastic IND	U.A.E.	Bahwan Engineering CO.		09/02/2016
6	Golden International Plastic Factory	OMAN	Golden International Est.		10/05/2016

1.7.5: Cable Management System

Sr.	Manufacturer	Country of Origin	Suppliers/Agents	Remarks	Date of Approval
1	Gersan Elektrik CO	Turkey	Sohar Industrial & Supply Est		21/11/2010
2	Tekompek	Turkey	Technical Supplies International Co		20/12/2011
3	Power Solution Industries	UAE	Universal Engineering Services LLC		10/05/2016
4	Transdelta International Industries LLC (NEW)	UAE	Power Max Trading		08/05/2017

1.7.6: Cable Cleats

Sr.	Manufacturer	Country of Origin	Suppliers/Agents	Remarks	Date of Approval
1	ELLIS PATENTS	UK	Golden International Est.		09/02/2016

A large, faint background graphic consisting of a central blue sphere with a white highlight, surrounded by several yellow diamond shapes arranged in a circular pattern. A light blue orbital path loops around the central sphere.

1.8. Conductors & Accessories

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1.8.1: ACSR Conductors

Sr.	Manufacturer	Country of Origin	Supplier/Agents	Remarks	Date of Approval
1	Esewedy Group Of Companies	EGYPT	Sadeem International LLC		10/07/2007
2	Oman Aluminum Processing Industries	OMAN	Oman Aluminum Processing Industries	WOLF & PANTHER	25/08/2012
3	Midal Cables	BAHRAIN	Bahwan Engineering CO.		14/05/2015

1.8.2: XLPE AL Conductors

Sr.	Manufacturer	Country of Origin	Supplier/Agents	Remarks	Date of Approval
1	Riyadh Cables	K.S.A.	Gulf National Electrical Cables	Under-Recall **	07/04/1988
2	Oman Cable Industry (RE-NEW)	OMAN	Oman Cable Industry		08/05/2017
3	Esewedy Group Of Companies	EGYPT	Esewedy Group Of Companies	AACC (1x50 & 1x70)	10/07/2007

1.8.3: AAA Conductors

Sr.	Manufacturer	Country of Origin	Supplier/Agents	Remarks	Date of Approval
1	Oman Aluminum Processing Industries	OMAN	Oman Aluminum Processing Industries		25/08/2012
2	Midal Cables	BAHRAIN	Bahwan Engineering CO.		14/05/2015

1.8.4: 11 KV XLPE Covered AAA Conductor

Sr.	Manufacturer	Country of Origin	Supplier/Agents	Remarks	Date of Approval
1	AMO Craftkabel AB	Sweden	Rukun Al Yaqeen International LLC		08/05/2017

1.8.5: OHL Hardware

Sr.	Manufacturer	Country of Origin	Supplier/Agents	Remarks	Date of Approval
A) ANTI CLIMING DEVICE					
1	KSE Electrical	INDIA	Global Corp Enterprises		14/05/2015
2	Supreme & Co	INDIA	Multitech LLC		08/05/2017
B) 4 BOLTS TENSION CLAMP					
1	Nanjing Ning Xian" Electric	CHINA	Golden International Est. LLC		08/05/2017
2	Supreme & Co. Pvt. Ltd.	INDIA	AI Basam Enterprises		08/05/2017
3	KSE Electrical	INDIA	Global Corp Enterprises		14/05/2015
C) CROSS ARM FOR 11 & 33 KV					
1	KSE Electrical	INDIA	Global Corp Enterprises		14/05/2015
2	Anandsons Overseas Trading Private LTD	INDIA	Golden International Est. LLC		10/05/2016
3	Supreme & Co	INDIA	Multitech LLC		08/05/2017
4	Industrial Forging Industries	INDIA	Diamond Rist Enterprises		08/05/2017
D) TIE BRACKETS FOR 11 & 33 KV					
1	KSE Electrical	INDIA	Global Corp Enterprises		14/05/2015
2	Anandsons Overseas Trading Private LTD	INDIA	Golden International Est. LLC		10/05/2016
3	Supreme & Co	INDIA	Multitech LLC		08/05/2017
4	Industrial Forging Industries	INDIA	Diamond Rist Enterprises		08/05/2017
E) CABLE SUPPORT CHANNEL					
1	KSE Electrical	INDIA	Global Corp Enterprises		14/05/2015
2	Anandsons Overseas Trading Private LTD	INDIA	Golden International Est. LLC		10/05/2016
3	Supreme & Co	INDIA	Multitech LLC		08/05/2017
4	Industrial Forging Industries	INDIA	Diamond Rist Enterprises		08/05/2017
F) TRANSFORMER SUPPORT CHANNEL					
1	KSE Electrical	INDIA	Global Corp Enterprises		14/05/2015
2	Anandsons Overseas Trading Private LTD	INDIA	Golden International Est. LLC		10/05/2016
3	Supreme & Co	INDIA	Multitech LLC		08/05/2017
4	Industrial Forging Industries	INDIA	Diamond Rist Enterprises		08/05/2017

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G) PILOT PLATE					
1	KSE Electrical	INDIA	Global Corp Enterprises		14/05/2015
2	Anandsons Overseas Trading Private LTD	INDIA	Golden International Est. LLC		10/05/2016
3	Supreme & Co	INDIA	Multitech LLC		08/05/2017
4	Industrial Forging Industries	INDIA	Diamond Rist Enterprises		08/05/2017
H) GUSSET PLATE					
1	KSE Electrical	INDIA	Global Corp Enterprises		14/05/2015
2	Anandsons Overseas Trading Private LTD	INDIA	Golden International Est. LLC		10/05/2016
3	Supreme & Co	INDIA	Multitech LLC		08/05/2017
4	Industrial Forging Industries	INDIA	Diamond Rist Enterprises		08/05/2017
I) ADJUSTABLE ARCING HORNS FOR O.O FUSE UNIT					
1	KSE Electrical	INDIA	Global Corp Enterprises		14/05/2015
J) BOLT FOR REEL INSULATOR					
1	KSE Electrical	INDIA	Global Corp Enterprises		14/05/2015
2	CECEC	CHINA	Golden International Est. LLC	Under-Recall **	18/04/1991
K) D- CLAMP FOR REEL INSULATOR					
1	Anandsons Overseas Trading Private LTD	INDIA	Golden International Est. LLC		10/05/2016

1.8.6: Stay Set Materials

Sr.	Manufacturer	Country of Origin	Supplier/Agent	Remarks	Date of Approval
A) STAYWIRE LT & HT					
1	Tianijan Liaoyuan Iron Strands Factory	CHINA	Golden International Est. LLC		08/04/2009
2	KSE Electrical	INDIA	Global Corp Enterprises		14/05/2015
B) POLE TOP MAKE OFF & GUY GRIP END (LT & HT)					
1	Apresa-PLP	SPAIN	Golden International Est	HT only	09/02/2016
2	Supreme	INDIA	AI Basam Enterprises	Under-Recall **	28/04/2001
3	KSE Electrical	INDIA	Global Corp Enterprises		14/05/2015
C) STAY ROD SET (LT & HT)					
1	KSE Electrical	INDIA	Global Corp Enterprises		14/05/2015
2	Supreme	INDIA	AI Basam Enterprises	Under-Recall **	28/04/2001
3	Anadsons Overseas Trading Private LTD	INDIA	Golden International Est.		10/05/2016
4	Industrial Forging Industries	INDIA	Diamond Rist Enterprises		08/05/2017
D) TRUSSING TACKLES & SQUARE WASHERS					
1	Anadsons Overseas Trading Private LTD	INDIA	Golden International Est.		10/05/2016
2	Industrial Forging Industries	INDIA	Diamond Rist Enterprises	Trussing Tackles	08/05/2017

A decorative background graphic consisting of a central blue sphere, a light blue orbital ring, and several yellow diamond shapes arranged in a circular pattern around the center.

1.9. Cable Terminations & Joints

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1.9.1: Heat & Cold shrink Terminations & Joints

Sr.	Manufacturer	Country of Origin	Supplier/Agent	Remarks	Date of Approval
1	Tyco Electronics Raychem	Germany	Zawawi Trading Co.	Under-Recall **	---
2	3M Corporation (LV Only)	U.S.A	Bahwan Engineering CO.	Under-Recall **	28/04/2001
3	3M Corporation - HV Cold Shrinkable Terminations	U.S.A	Bahwan Engineering CO.	Under-Recall **	20/05/2002
4	Gala Thermo Shrink Pvt Ltd	INDIA	Golden International Est. LLC	11KV & LV	10/05/2011
5	Shrink Polymer System	UK	Shrink Polymer System Oman	11KV & LV	12/03/2013
6	Elestmold	EGYPT	Thilal Al Katheeb	11 KV	14/05/2015
7	REPL International Ltd	UK	General Electronics & Trading Co.	Up to 11 KV	28/11/2016

1.9.2: Plug in Terminations inner cone & outer cone for GIS

Sr.	Manufacturer	Country of Origin	Supplier/Agents	Remarks	Date of Approval
1	Tyco Electronics (Raychem)	GERMANY	Zawawi Trading Co.		20/12/2011

A large, faint background graphic consisting of a central blue sphere with a light blue orbital path, surrounded by several yellow diamond shapes arranged in a circular pattern.

1.10. Insulators

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1.10.1: Porcelain Insulators

Sr.	Manufacturer	Country of Origin	Supplier/Agent	Remarks	Date for Approval
A) DISC INSULATORS - COMPLYING WITH OES-1					
1	Jiangxi Oceangoing Export Electric Porcelain & Electrical Equipment	CHINA	CIVILCO		29/04/2008
B) LINE POST TOP INSULATORS (11 & 33KV) COMPLYING WITH OES-1					
1	Sui-Xi Electro Ceramic	CHINA	Golden International Est. LLC	Under-Recall **	23/07/1990
2	Jiangxi Oceangoing Export Electric Porcelain & Electrical Equipment Company Ltd.	CHINA	CIVILCO		29/04/2008
C) SHACKLE INSULATORS FOR L.T. COMPLYING WITH OES-3					
1	LILING High Voltage Insulator Factory	CHINA	Golden International Est. LLC	Under-Recall **	15/02/1989
2	Jiangxi Oceangoing Export Electric Porcelain & Electrical Equipment Company Ltd.	CHINA	CIVILCO		29/04/2008
D) L.T. STAY INSULATOR SETS					
1	LILING High Voltage Insulator Factory	CHINA	Golden International Est. LLC	Under-Recall **	25/09/1989
2	Jiangxi Oceangoing Export Electric Porcelain & Electrical Equipment Company Ltd	CHINA	CIVILCO		29/04/2008
E) 11 KV, STAY INSULATOR SET COMPLYING WITH OES-1					
1	LILING High Voltage Insulator Factory	CHINA	Golden International Est. LLC	Under-Recall **	06/10/1988
2	Jiangxi Oceangoing Export Electric Porcelain & Electrical Equipment Company Ltd.	CHINA	CIVILCO		29/04/2008
F) 33KV, STAY INSULATOR SET COMPLYING WITH OES-1					
1	HUGHES (30,000 LBS. STRENGTH)	U.S.A.	Golden International Est. LLC	Under-Recall **	12/10/1987
2	PERMALI	U.K.	Golden International Est. LLC	Under-Recall **	29/09/1987

1.10.2: 33 KV Fiber Glass Rod Stay Insulator

Sr.	Manufacturer	Country of Origin	Supplier/Agents	Remarks	Date of Approval
1	SSB Industries	INDIA	Universal Engineering Services	Under-Recall **	20/04/1992
2	Dextra Building Products	China	Golden International Est. LLC		08/05/2017

A large, faint background graphic consisting of a central blue sphere surrounded by several yellow diamond shapes, all enclosed within a light blue orbital path.

1.11. Air Break Switches & Fuses

DCRP

1.11.1: Air Break Switches (ABS)

a. 11 KV ABS

Sr.	Manufacturer	Country of Origin	Supplier/Agent	Remarks	Date of Approval
1	Morris Line Engineering	UK	Bahwan Engineering Co		29/09/1987
2	Gevea	SWEDEN	Al Hassan Electricals		11/07/2006

b. 33 KV ABS

Sr.	Manufacturer	Country of Origin	Supplier/Agent	Remarks	Date of Approval
1	Morris Line Engineering	UK	Bahwan Engineering Co		29/09/1987
2	Gevea	SWEDEN	Al Hassan Electricals		11/07/2006

1.11.2: Drop-out fuses (11 KV) with arching horns

Sr.	Manufacturer	Country of Origin	Supplier/Agent	Remarks	Date of Approval
1	Morris Line Engineering	U.K.	Bahwan Engineering CO.	Under-Recall **	29/09/1987
2	Al Asr Electrical & Electronic Industries	OMAN	Al Asr Electrical & Electronic Industries	Under-Recall **	29/05/2002

1.11.3: House service fuse links (80 & 100 A)

Sr.	Manufacturer	Country of Origin	Supplier/Agent	Remarks	Date of Approval
1	Lawson EST	UK	Development Services	Under-Recall **	22/06/1992

1.12. Consumer Units & Accessories

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1.12.1: Metering Panels (Single & Three Phase)

Sr.	Manufacturer	Country of Origin	Supplier/Agent	Remarks	Date of Approval
1	VOLTAMP Energy	OMAN	VOLTAMP Energy	Under-Recall **	06/12/1988
2	Sharikat Fanniya Omania	OMAN	Sharikat Fanniya Omania	Under-Recall **	11/01/1989
3	Al Hassan Switchgear Manufacturing Co.	OMAN	Al Hassan Electricals	Under-Recall **	02/03/1991
4	Al Mohsin Electricals	OMAN	Al Mohsin Electricals	Under-Recall **	24/09/2002
5	Talent Electric Services	OMAN	Talent Electric Services		04/03/2013

1.12.2: Energy Meters (Electromagnetic, Single & Three Phase)

Sr.	Manufacturer	Country of Origin	Supplier/Agent	Remarks	Date of Approval
1	Al Asr. Electrical & Electronic Industries	OMAN	Al Asr Electrical & Electronic Industries	Under-Recall **	17/11/1998
2	India Meters	INDIA	Trade Links & Services	Under-Recall **	23/10/1999
3	Al Asr Electrical & Electronic Industries	OMAN	Al Asr Electrical & Electronic Industries	Under-Recall **	08/01/2002
4	Iskara	YUGOSLAVIA	Al Hassan Electricals	Under-Recall **	16/03/1987

1.13. Lightning Arrestors

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1.13.1: 11 KV Lightning Arrestors (GAP TYPE) with POLYMERIC INSULATION

Sr.	Manufacturer	Country of Origin	Supplier/Agent	Remarks	Date of Approval
1	Cooper Power Systems	U.S.A	General Electronics & Trading Co.	Under-Recall **	23/07/2001
2	ABB Switzerland LTD	Switzerland	ABB Oman LLC	Model: POLIM-D 10-05	15/12/2014

1.13.2: 33 KV Lightning Arrestors (GAP TYPE) with POLYMERIC INSULATION

Sr.	Manufacturer	Country of Origin	Supplier/Agent	Remarks	Date of Approval
1	Cooper Power Systems	U.S.A	General Electronics & Trading Co.	Under-Recall **	23/07/2001
2	ABB Switzerland LTD	Switzerland	ABB Oman LLC		10/05/2016



A large, faint background graphic consisting of a central blue sphere surrounded by several yellow diamond shapes, all enclosed within a light blue orbital path.

1.14. Electrical Poles

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1.14.1: Wooden Poles

Sr.	Manufacturer	Country of Origin	Supplier/agent	Remarks	Date of Approval
1	Rundvirke	SWEDEN	Golden International Est. LLC		08/05/2017
2	Impregnierwerk Wulknitz	GERMANY	Global Corp Enterprises		13/06/2007
3	Pinar OY	FINLAND	Bin Salim Enterprises		15/12/2014
4	Fintrepo LTD	FINLAND	Bahwan Engineering CO.		09/02/2016

1.14.2: Concrete Poles

Sr.	Manufacturer	Country of Origin	Supplier/Agent	Remarks	Date of Approval
1	Euro Poles Middle East	OMAN	Euro Poles Middle East		20/12/2011
2	Oman Poles	OMAN	Oman Poles		05/10/2015

DCRP

A large, faint background graphic consisting of a central blue sphere with a light blue ring orbiting it, surrounded by several yellow diamond shapes arranged in a circular pattern.

1.15. Relays

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- Expiry Date will be updated after DCRP Meeting 03/2017

1.15.1: Protection Relays

Sr.	Manufacturer	Country of Origin	Supplier/Agent	Remarks	Date of Approval
1	SEL Protective Relays & Control System	USA	SEL Middle East		10/09/2006
2	Siemens	GERMANY	Siemens Abu Dhabi	Under-Recall **	09/04/2007
3	ALSTOM Grid	UK	Mohsin Haider Darwish LLC	Model: MICOM/AGILE Px4x Relay	10/11/2014
4	ABB OY	FINLAND	ABB Oman	RELION series	05/10/2015
5	INGETEA Power Technology S.A.	SPAIN	Delta Star Power Projects Services		09/02/2016

1.15.2: Auxiliary Relays

Sr.	Manufacturer	Country of Origin	Supplier/Agent	Remarks	Date of Approval
1	Siemens	UK	Siemens	Under-Recall **	09/04/2007
2	Electrotecnica ARTECHE Smart Grid	SPAIN	Trade Links & Services CO LLC		18/09/2014
3	Relay Monitoring Systems (RMS)	Australia	Power Economy Oman LLC		14/05/2015



A large, faint background graphic consisting of a central blue sphere with a white highlight, surrounded by several yellow diamond shapes arranged in a circular pattern. A light blue orbital ring encircles the central sphere.

1.16. Battery System

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- Expiry Date will be updated after DCRP Meeting 03/2017

1.16.1: DC Battery Charger

Sr.	Manufacturer	Country of Origin	Supplier/Agent	Remarks	Date of Approval
1	Borri SPA	ITALY	Gulf Pertochemical Services & Trading LLC	Model: RTB.e	28/11/2016

A large, faint background graphic consisting of a central blue sphere with a light blue orbital path, surrounded by several yellow diamond shapes arranged in a circular pattern.

1.17. Other Products

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1.17.1: Electrical Signs & Numbering Plates

Sr.	Manufacturer	Country of Origin	Supplier/Agent	Remarks	Date of Approval
A) DANGER PLATE & SUBSTATION IDENTIFICATION PLATE					
1	National Trading CO	OMAN	National Trading CO		05/10/2015
2	Anandsons Overseas Trading Private Limited	INDIA	Golden International Est.		09/02/2016
3	Supreme & Co	INDIA	Multitech LLC	Danger Plate	08/05/2017
B) NUMBERING PLATES					
1	National Trading CO	OMAN	National Trading CO		05/10/2015
2	Anandsons Overseas Trading Private Limited	INDIA	Golden International Est.		09/02/2016
3	Supreme & Co	INDIA	Multitech LLC		08/05/2017

1.17.2: Earthing Materials:

1.17.2.1: Earthing Chamber

Sr.	Manufacturer	Country of Origin	Supplier/Agent	Remarks	Date of Approval
1	Hidrostant SL	SPAIN	Apex Energy LLC	Polypropylene material	10/05/2016

1.17.2.2: Earth Rod & Accessories

Sr.	Manufacturer	Country of Origin	Supplier/Agent	Remarks	Date of Approval
1	Gersan Elektrik Co	Turkey	Sohar Industrial & Supply Est		19/02/2011
2	Jay Bhawani Metal Industries	INDIA	Golden International Est.		10/05/2016
3	Crystal Exports	INDIA	Al-Basam Enterprises		10/05/2016
4	Raychem RPG	INDIA	Trade Links & Services		28/11/2016
5	Kingsmill Industries	UK	Golden International Est.		08/05/2017
6	Citizen metalloy	INDIA	Global Corp Enterprises		08/05/2017
7	A N Wallis & Co	UK	AL Kiyumi Electric & Trading		08/05/2017

1.17.3: Electrical Conduits

Sr.	Manufacturer	Country of Origin	Supplier/Agent	Remarks	Date of Approval
1	National Plastic Factory	OMAN	National Plastic Factory		22/07/2015

1.17.4: Connectors

Sr.	Manufacturer	Country of Origin	Supplier/Agent	Remarks	Date of Approval
A) ALUM/ALUM P.G.CLAMPS					
1	Supreme & CO PVT LTD	INDIA	Al Basam Enterprises	Under-Recall **	12/10/2002
B) BIMETALLIC P.G.CLAMPS					
1	Supreme & CO PVT LTD	INDIA	Al Basam Enterprises	Under-Recall **	12/10/2002
D) BI-METALLIC LUGS					
1	Sofamel SA	SPAIN	Golden International Est. LLC		21/11/2010
G) WEDJE TYPE CONNECTOR					
1	Sun Electric	INDIA	Thilal Al Khatheeb Trd. & Cont.		22/05/2012

2. Suspended Product List

Sr.	Product	Manufacturer	Country Of Origin	Agent/ Supplier	Comments	Date Of Suspension
1	AB Switches (11 KV)	Power Isolator	UK	Bin Salim Enterprises LLC & Trade Links & Services		-
2	AB Switches (11 KV)	Line Gear 11 Kv Air Break Switch	SOUTH AFRICA	Development Services		04/10/2006
3	AB Switches (33 KV)	Power Isolator	UK	Bin Salim Enterprises LLC & Trade Links & Services		-
4	AB Switches (33 KV)	Line Gear 33 Kv Air Break Switch	SOUTH AFRICA	Development Services		04/10/2006
5	RMU (11 KV Oil Type)	Ranhil EPE Switchgear	MALAYSIA	Trade Links & Services		02/01/2008
6	800 & 1600 A Feeder Pillar	National Electrical Ind.	OMAN	NATIONAL ELECTRICAL IND.		-
7	400 A 6 Ways Feeder Pillar	National Elect. Ind	OMAN	NATIONAL ELECTRICAL IND.		12/05/2004
8	400 Amps Cutout Box With "J" Type Fuse Feeder Pillar	National Electrical Ind.	OMAN	NATIONAL ELECTRICAL IND.		-
9	House Services Cutouts	Kusum Engineering Works	INDIA	Al Hassan Electricals		-
10	33 KV Cables	Saudi Cables	K.S.A.	Al Hassan Electricals		21/10/2012
11	33 KV Cables	Gulf Cables	KUWAIT	Trade Links & Services		21/10/2012
12	33 KV Cables	Elsewedy Group Of Companies	EGYPT	Elsewedy Cables Oman		21/10/2012
13	33 KV Cables	Mitsubishi (Dainichi) Cables	JAPAN	Bahwan Engineering CO.		21/10/2012
14	11 KV Cables	Saudi Cables	K.S.A.	Al Hassan Electricals		21/10/2012
15	11 KV Cables	Elsewedy Group Of Companies	EGYPT	Elsewedy Cables Oman		21/10/2012
16	11 KV Cables	Mitsubishi (Dainichi) Cables	JAPAN	Bahwan Engineering CO.		21/10/2012
17	11 KV Cables	BICC	UK	Abdul Aziz & Brothers		21/10/2012
18	11 KV Cables	Nexans	SWEDEN	Al Hassan Electricals		21/10/2012
19	LV Cables	Saudi Cables	SAUDI ARABIA	Al Hassan Electricals		21/10/2012
20	LV Cables	BICC	UK	Abdul Aziz & Brothers		21/10/2012
21	LV Cables	Mitsubishi (Dainichi) Cables	JAPAN	Bahwan Engineering CO.		21/10/2012
22	LV Cables	Nexans	SWEDEN	Al Hassan Electricals		21/10/2012
23	Dropout Fuse Set (11kv) With Arcing Horns	B & S Beta Type	U.K.	Golden International Est. LLC		10/10/1987
24	Dropout Fuse Set (11kv) With Arcing Horns	Al Asr. Electrical & Electronic Ind (B-Type)	OMAN	Al Asr Electrical & Electronic Industries		-

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25	11kv Auto-Recloser	ENTEC	S. Korea	CIVILCO		10/03/2006
26	Heat & Cold Shrink Termination & Joint	REPL Engineering Ltd.	INDIA	General Electronics & Trading CO.	33 KV is suspended	19/03/2006
27	Heat & Cold Shrink Termination & Joint	Yamuna Gases and Chemicals	INDIA	DELTA CO	33 KV is suspended	-
28	11kv Indoor Switchgear	Jyoti AIS	INDIA	General Electronics & Trading		23/09/2012
29	11kv Indoor Switchgear	TAMCO Corporate Holding Ais	MALASIYA	Bahwan Engineering Co		09/03/2014
30	1600 & 800 A Feeder Pillar	Sharikat Fanniya Omanyah (Muscat)	OMAN	Sharikat Fanniya Omanyah		28/05/2014
31	800 A Feeder Pillar	Asiatic Electric Industries India	INDIA	Zubair Electric CO.		28/05/2014
32	1600 & 800 A Feeder Pillar	Emirates Transformers & Switchgear Ltd.	UAE	Nasser & Saif Trading Co.		28/05/2014
33	1600 & 800 A Feeder Pillar	Al Asr Electrical & Electronic Industries	OMAN	Al Asr Electrical & Electronic Industries		28/05/2014
34	1600 & 800 A Feeder Pillar	Electro Mechanical Services LLC	OMAN	Electro Mechanical Services LLC		28/05/2014
35	1600 & 800 A Feeder Pillar	Oman National Electric Co.	OMAN	ONEC		28/05/2014
36	400 A Feeder Pillar	Scientechic	DUBAI	Waleed Associates		28/05/2014
37	400 A Feeder Pillar	Sharikat Fanniya Omanyah (Muscat)	OMAN	Sharikat Fanniya Omanyah (Muscat)		28/05/2014
38	400 A Feeder Pillar	Trust Electricals	U.A.E	Al Mohsin Trading		28/05/2014
39	400 A Feeder Pillar	Emirates Transformers & Switchgear Ltd.	U.A.E.	Nasser & Saif Trading Co.		28/05/2014
40	11 KV switchgear	National Electrical Industries	OMAN	National Electrical Industries	Model MILE MP with TRAVIDA BREAKER	2013
41	11 KV Air Insulated Switchgear	Al Hassan Power Industries	OMAN	Al Hassan Electrical Co		30/08/2015
42	11 KV & LV Heat Termination & Joints	REPL Engineering Ltd.	INDIA	General Electronics & Trading CO.		
43	Protection Relays	Siemens	UK	Siemens Abu Dhabi	Rey Rolle series	02/05/2016
44	10 & 20 MVA Power Transformer	Crompton Greaves	INDIA	Trade Links & Services		14/09/2016
45	10 & 20 MVA Power Transformer	Transformers And Electricals Kerala Limited	INDIA	Al Hassan Electricals		14/09/2016
46	11 KV Auto-Recloser	Schneider (NULEC)	AUSTRALIA	Al Hassan Electricals		04/08/2016
47	33 KV Auto-Recloser	Schneider (NULEC)	AUSTRALIA	Al Hassan Electricals		04/08/2016