ASHGHAL Approvals
(Consultants Approvals, Related to Projects of Ashghal)
**ASHGHAL APPROVALS INDEX**

1. Approved for Street Lighting Cables

2. Preferred Vendor List of ASHGHAL (Public Works Authority) Building Affairs – Standard School

3. Preferred Vendor List for ASHGHAL – Medical Hamad City – Fit out Package Projects

4. Approvals of 11kV & Pilot Cables for QPR – Dukhan Road (East Contract)

5. Project Developer
   Project Name
   Project Consultant(s)
   Project Contractor(s)
   Approved Materials
   Approval copy consists of
   ASHGHAL
   Construction, Completion & Maintenance of Al Khor Park
   CEG
   Boom General Contractors
   Wires & Cables
   3 page(s)

6. Project Developer
   Project Name
   Project Consultant(s)
   Project Contractor(s)
   Approved Materials
   Approval copy consists of
   ASHGHAL
   Construction of Health Wellness Care Center at Umm Salal
   ECG
   N/A
   Power Cables
   2 page(s)

7. Project Developer
   Project Name
   Project Consultant(s)
   Project Contractor(s)
   Approved Materials
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   ASHGHAL
   Construction of 3 School at Doha Group 7A Package 1
   ECG
   Assignia, Spain
   Cables and Accessories
   2 page(s)

8. Project Developer
   Project Name
   Project Consultant(s)
   Project Contractor(s)
   Approved Materials
   Approval copy consists of
   ASHGHAL
   Construction of Five New Kindergartens ( Package 7)
   James Cubitt & Partners Engineering Consultancy
   Bojamhoor Trading & Contracting Co. W.L.L
   Cables & Wires
   1 page(s)
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<th>Project Client</th>
<th>Project Name</th>
<th>Project Consultant(s)</th>
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<tr>
<td>9</td>
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<td>DS 101 – Construction &amp; Roads Improvement Works at Aziziya East</td>
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<td>HV, LV &amp; Pilot Cables</td>
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<td>HALCROW CH2M HILL</td>
<td>L &amp; T Construction</td>
<td>3C × 240mm², 4C × 70mm², 4C × 300mm² and Pilot Cables</td>
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<td>11</td>
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<td>New Orbital Highway &amp; Truck Route P023</td>
<td>AECOM Middle East Limited</td>
<td>Leighton Contracting Qatar W.L.L. – Al Jaber Engineering JV</td>
<td>LV and MV Cables</td>
<td>1 page(s)</td>
</tr>
</tbody>
</table>
Messrs. Doha Cables - Qatar  
P.O. Box. 22487  
Fax; 44553043 -44653892  
Doha - Qatar

Gentlemen,

SUBJECT: Request for prequalification

We refer to your letter DC/1012/1026/PWA received by us on 3/1/2011 regarding the above subject.

Since Doha cable is branch of El-sewedey cables. Also because Doha cables are approved by Kahrama for 11 KV cables.

Based on the above we have no objection for marketing street lighting cables to be used in the state of Qatar.

Best regards,

Ahmed Rashid AL Kubaisi  
Acting Manager of Road Operations & Maintenance Dept  
Asset Management Affairs

[Signature]

[Stamp: Emir Pasha - Sr Eng SLD  
Hazem - SLD  
Sathish - Committee Secretary  
File]
**Approved manufacturers of street lighting materials (contd...)**

**Updated on 09-09-2014**

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<td>4. Thorn - UK/UA</td>
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<td>8. C J Technology. Abu Dhabi (for Underground SLFP only)</td>
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1. **Transformers**
   - FEDERAL TRANSFORMER (UAE)
   - EMIRATES TRANSFORMER & SWITCHGEAR (UAE)
   - SAUDI TRANSFORMER COMPANY (SAUDI ARABIA)
   - ABB (SWEDEN), ALSTOM (UK)
   - **OR EQUAL & APPROVED**

2. **MV Switch boards**
   - A- ABB (ITALY)
     - / ARTUK SYSTEM, QATAR SWITCHGEAR.
   - B- SCHNEIDER (FRANCE OR UK)
     - / BLOCKSET SYSTEM, BIN GHALIB ENG.
   - C- MEM SHIELD(UK)
     - / HOLEC SYSTEM(UK).
   - D- DORMAN SMITH(UK)
     - / HOLEC SYSTEM(UK).
   - E- CUTLER HAMMER(USA)
     - / ETA STAR SYSTEM, GULF SWITCHGEAR(QATAR).
   - **OR EQUAL & APPROVED**

3. **Capacitor Bank**
   - SCHNEIDER ELECTRIC,
   - ALPES TECHNOLOGIES(FRANCE),
   - ABB(SWEDEN), EATON(UK),
   - **OR EQUAL & APPROVED**

4. **MCB Distribution Boards and Sub-main boards**
   - MEM SHIELD (UK),
   - HAGER(FRANCE),
   - ABB(ITALY), BILL(UK),
   - SCHNEIDER(FRANCE OR UK),
   - DORMAN SMITH(UK),
   - **OR EQUAL & APPROVED**

5. **Earth Leakage Circuit Breaker**
   - HAGER(FRANCE), ABB(ITALY),
   - DORMAN SMITH(UK),
   - SCHNEIDER(FRANCE OR UK),
   - SQUARE D(UK), BILL (UK),
   - MEM SHIELD (UK),
   - **OR EQUAL & APPROVED**

6. **Fuse Switch, Switch fuses and Isolators**
   - SOCOMEC (FRANCE),
   - MEM (UK), STROMBERG,
   - BILL (UK), SQUARE D (UK),
   - ABB (FINLAND),
   - **OR EQUAL & APPROVED**

6. **Cables and Accessories**
   - DOHA CABLES, QATAR
   - RIYADH CABLES(KSA),
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Ref: EXW-P005-0000-EE-PAR-LT-00134

QD-SBG Constructions
P.O. Box -19386
Doha - Qatar
Tel : 44420678

Attention : Mr. Bassam Kataw – Project Director

Project : QPR – Dukhan Road ( East Contract )
IA/09-10/C080/G

Subject : Approval of 11 KV & Pilot Cables (Mfr. Doha Cables Qatar L.L.C)
( Material Submittal No. EXW-P005-0000-EE-BLD-MS-00023-Rev.1)

Dear Sir,

Refer to above please find the attached KAHRAMA Approval letter for 11KV & Pilot Cables Manufactured by Doha Cables, Qatar L.L.C for using the above referred project. Follow KAHRAMA standard cable procurement regulation and procedures.

This is for your information and necessary actions for the procurement of the above cables so as execution works shall be started as soon as possible.

Yours faithfully,

[Signature]

Abdulnaser Qaraqish
Senior Resident Engineer

Cc : Mr. Bader Danish (Project Manager – ASHGHAL)
Mr. Yasser El Deeb (Package Coordinator - KBR)

Attachment : As Noted.

[Stamp] QD-SBG
Constructions
RECEIVED 2:11
Subject: Your Request for Material Approval of 11KV & PILOT Cables (Mfr: Doha Cables)
project: QPR-Dukhan Road (East Contract) IA/09-10/C080/G KM Scheme no: 227-2008

This has reference to your letter no: EXW-P005-0000-CM-KBR-LT-02155 dated 15/01/2012 regarding subject project.

The technical details & documents submitted in respect of 11 kV Cables & Pilot Cables manufactured by Doha Cables as mentioned in below table have been examined and found meeting with Kahramaa requirements. Therefore, it is approved for use in the above referred project. However, the Cables will be subjected to inspection at site before installation for final approval.

<table>
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<th>Item nos</th>
<th>Cable Rating</th>
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<td>1</td>
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<td>48,456 MTRS</td>
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<td>PILOT CABLE</td>
<td>54,728 MTRS</td>
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Note:
1. Please note that KM approval of a technical submittal is based on prevailing specification and product performance. This approval does not form a basis to approve any future submittals.
2. The approval shall become void if any deviations are found in the physical equipment/materials at the time of installations.

Best Regards,

ENG. ALI JASSIM AL NAJJAR
DIRECTOR, ELECT. NETWORKS AFFAIRS

CC: Manager, EP
Head of MS Section.

EB-99/10

Disclaimer: This Fax and any attachments contain information which is confidential. They should not be distributed, disclosed or copied. The fax contains the approval of the sender. If you are not one of the intended recipients of this fax, please return the fax and any attachments and all copies, and notify the sender by email or Fax or telephone. Confidentiality is not ensured or tested by recipients.

04.07.2011

13 FEB 2012
**SUBMITTAL FOR APPROVAL OF MATERIALS**

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<th>Project Name</th>
<th>Construction, Completion &amp; Maintenance of Al Khor Park</th>
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<td>Contract #</td>
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<td>Client</td>
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<tr>
<td>Supervision Consultant</td>
<td>Consulting Engineering Group</td>
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<td>Qatar Design Consortium</td>
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<td>KHPK/SAM/EL/006A</td>
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<td>11/01/11</td>
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<td>Copies</td>
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<tr>
<td>From</td>
<td>Shahab Atallah</td>
</tr>
<tr>
<td>To</td>
<td>Hesham Ghoneim</td>
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</tbody>
</table>

**TO: SUPERVISION CONSULTANT**

We request your approval on the following materials.

**MATERIAL DESCRIPTION: Wires and Cables**

- **Area of Application:** Electrical Installation
- **Drawing Ref:** ODC/1285/EL/32 sh. 001 of 001
- **Specification:** CS/21148 (7)
- **Standards:** As per specs
- **Document NO:** No reference

Attach all relevant technical literature marked to identify relevant description, current test certificates, samples as appropriate.

**MANUFACTURER/SUPPLIER**

- **Company Name:** Doha Cables L.L.C.
- **Address:** P.O. Box - 22487, Doha, Qatar
- **Local Agent:** Doha Cables L.L.C.

**DELIVERY**

- **Country of Origin:** Qatar
- **Availability:** as per planning
- **Delivery Program:** as per planning
- **Pre-works Total Duration:**
- **Estimated Date of Arrival on site:**

We certify that the above submitted items have been reviewed in detail and are correct and in strict conformity with the contract drawing and specifications except as otherwise stated, and also that the material sources indicated above have been reviewed in detail and that they will supply the submitted items in full conformity with timely delivery.

**FOR: THE CONTRACTOR**

Name: Shahab Atallah  
Signature: [Signature]  
Date: 11/01/11

**SUPERVISION CONSULTANT’S COMMENTS:**

Final approval subject to WA call approval.

**ACTION CODE**

- [ ] A-Approved As Submitted
- [X] B-Approved – Except as Noted
- [ ] C- Revise / Resubmit
- [ ] D-Disapproved - Resubmit
- [ ] E-Receipt acknowledged

**TO: THE CONTRACTOR**

We return hereby this actioned Submittal for Approval of Materials. The approval shall not relieve the Contractor of its obligations and liabilities under the Contract or constitute authorization of any change to Contract Documents, and therefore, shall not imply any recognition whatsoever of additional time or cost to the contract.

**FOR: SUPERVISION CONSULTANT**

Name: [Signature]  
Date: 16/01/11

**Receiving by Contractor...**

Name: [Signature]  
Date: [Signature]  
Date: 15/1/11

**RECEIVED**  
11/1/2023
Date: 27 January 2011  
Ref.: HG/11/10017/BGC/862

M/s BOOM GENERAL CONTRACTORS  
P.O. Box 22145  
Doha, State of Qatar  
Fax No. 4504477

Attn: ENGR. SHEHAB ATALLAH  
Project Manager

Project: CONSTRUCTION, COMPLETION & MAINTENANCE OF AL KHOR PARK

Subject: MATERIAL SUBMITTAL – WIRE AND CABLES  
For Electrical Installation

Dear Mr. Shehab,

Referring to your submittal ref. KHPK/SAM/EL/006A rev.0 dated 11 January 2011, please find attached our reply which is approved as noted.

This is for your information and necessary action.

Best regards,
For CEG

[Signature]

Engr. Hesham Ghoneim  
Project Manager

CC: Engr. Abdullah Al Shareef – PWA, PM  
Engr. Ayman Naeem – CEG, HOPCD

CEG P.O.Box 3973 Doha, Qatar Tel: (+974)4551188 Fax: (+974)4551144  
www.ceg-qatar.com info@ceg-qatar.com
WIRE AND CABLE SUBMITTAL:

CONSULTANT COMMENENTS:

1. This material approved before via our letter ref. AE/10/10017/BGC/276 dated 25 October 2011.
2. Contractors resubmit to use locally manufacturer.
3. As per attached approvals and Kahrama approval material is approved technically.

Samir Moustafa,
CEG Sr. Electrical Engr.
<table>
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<th>ORIGIN</th>
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<td>EARTH LEAKAGE CIRCUIT BREAKER</td>
<td>HAGER</td>
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<td>FUSE SWITCHES, SWITCH FUSES ISOLATORS</td>
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<td>CABLES &amp; ACCESSORIES</td>
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<td>CABLE TRAY</td>
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<td>Philips Grahame</td>
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4. Earth Leakage Circuit Breaker: HAGER (FRANCE), ABB (ITALY), Dorman Smith (UK), SCHNEIDER ELECTRIC (FRANCE), SQUARE D (UK), BILL (UK), MEM SHEILD (UK), OR EQUAL & APPROVED.

5. Fuse Switch, Switch fuses and Isolators: SOCOMEC (France), MEM (UK), STROMBERG, BILL (UK), SQUARE D (UK), ABB (Finland) OR EQUAL & APPROVED

6. Cables and Accessories: DOHA CABLES (QATAR), RIYADH CABLES (KSA), BICC – DUCAB (UAE), OMAN CABLES (OMAN), PIRELLI (UK), GULF CABLES (KUWAIT) OR EQUAL & APPROVED

7. Cable Tray: WIREMOLD (UK), PHILIPS GRAHAME (UK), ERICO (USA), LEGRAND/WALSALL (UK), UNI TRUNK (UK) OR EQUAL & APPROVED.
**SUBMITTAL FOR APPROVAL OF MATERIALS**

**Project Name:** Construction of Five (05) New Kindergartens (Package 7)  
**Contract #:** BA/12-13/C/J/052/G  
**Client:** Public Works Authority (Ashghal)  
**Date:** 03.10.2013  
**Revision:** -01  
**Consultant:** James Cubitt & Partners Engineering Consultancy - Qatar  
**To:** James Cubitt & Partners Engineering Consultancy - Qatar

**TO:** James Cubitt & Partners Engineering Consultancy - Qatar

We request your approval on the following materials:

**MATERIAL DESCRIPTION:** CUI/CFE/SWAPVC, CUI/PVC/SWAPVC, CUI/PVC/CE/PVC, PVC Insulated Copper Wires of colours & sizes as per project documents & KAHRAMAA regulations.

**Area of Application:** Electrical Installation  
**Drawing Ref.:** E-00 to E-08  
**BOQ Ref. No.:** G2/15/2/2-C-J, G2/15/3/A-E, G3-07/2/12/A to K  
**Certification:** Electrical Cl. No. B.6, Page 43-48/135  
**Standards:** BS 5467, BS 6346  
**Enclosures:** Sample Boards of Cables & Wires

Attach all relevant technical literature marked to identify relevant description, current test certificates, samples as appropriate.

**MANUFACTURER/SUPPLIER:** Doha Cables - Qatar  
**Contact Person:** Mr. Ayman Badr  
**Address:** P.O.Box: 22487, Doha, Qatar  
**Tel:** 4455 3043, Fax: 4455 3049

**DELIVERY:**  
1. **Country of Origin:** Qatar  
2. **Availability:** 6 Weeks  
3. **Delivery Program:** 4 Weeks  
4. **Ex-works Total Duration:** 10 Weeks  
5. **Estimated Date of Arrival on Site:** 15.12.2013

We certify that the above submitted items have been reviewed in detail and are correct and in strict conformity with the contract drawing and specifications. We also certify that the material sources indicated above have been reviewed in detail and that they will supply the submitted items in full conformity with timely delivery.

FOR: THE CONTRACTOR

**Signature:**  
**Date:** 03/04/2013

RECEIVED BY CONSULTANT:

**Signature:**  
**Date:** 03/04/2013

CONSULTANT/PWA COMMENTS:

Sizes & cables and wires to be as approved shop drawings

ACTION CODE

- [ ] A-Approved
- [x] B-Approved as Noted
- [ ] C- Revise / Resubmit
- [ ] D- Not Approved

CONSULTANT / PWA:

**Signature:**  
**Date:** 13/10/2013

RECEIVED BY CONTRACTOR:

**Signature:**  
**Date:**

Approval shall not relieve contractor of his liabilities under the Contract or constitute authorization of any change to Contract Documents.
# Material Approval Request

**Project Name:** DS101 - Construction & Roads Improvement Works at Aziziyah East  
**Date:** 14-Jun-15  
**Project ID:** IA 12/13 C 024 ST  
**GEC:** Parsons International Limited (PIL)  
**Contractor:** Leighton Contracting Qatar (LCQ) W.L.L.  
**Reference:** DS101-P00-LCQ-CON-APR-A11054  
**Rev. No.:** 00  
**No. of Copies:** 3

## To: The GEC  
We request the Engineer's approval on the following Materials

### 1 Material Description: Distribution Power and Pilot Cables
- **Type of Material:** HV, LV & Pilot Cables, Capacity: 11KV, 0.6 / 1KV
- **Area of Application:** Electrical Network Installation Works
- **Drawing Ref.:** -
- **Specification:** QCS 2010, Section 21, Part 6
- **Enclosures:** Technical Submittal (3 nos. Hardcopies and 2 nos. Electronic Copies)
- **Standards:** QCS 2010, Section 21, Part 6  
**Document No.:** DS101-P00-LCQ-CON-MAR-A11053

Attach all relevant technical literature marked to identify relevant description, current test certificates, samples as appropriate.

### 2 Manufacturer/Supplier
- **Company Name:** Doha Cables, Doha Qatar  
- **Address:** P.O. Box: 22487, Doha Qatar  
- **Local Agent:** Elsewedy Cables, P.O.Box 22487, Doha Qatar

### 3 Delivery
- **Country of Origin:** Doha Qatar  
- **Availability:** Upon Approval of the submittal, PO will proceed and delivery will be scheduled  
- **Delivery Program:** Upon Approval of the submittal, PO will proceed and delivery will be scheduled  
- **Ex-works Total Duration:** 11-Oct-16  
- **Estimated Date of Arrival on Site:** 15-Jul-2015 (Partial)  
- **Date Material Required on Site:** 25-Jul-15  
- **Latest Date to Order:** 12-Jun-15

We certify that the above submitted items have been reviewed in detail and are correct and in strict conformity with the contract drawings and specifications except as otherwise stated; and also that the material sources indicated above have been reviewed in detail and that we will supply the submitted items in full conformity with schedule delivery.

**Contractor Authorised Signature:**  
**Name:** Amer Hamad  
**Date:** 14-Jun-15

**GEC's Comments:**  
Approved as noted and subject to Kahrmaan approval

**Action Code**
- [ ] A Approved As Submitted  
- [V] B Approved - Except as Noted  
- [ ] C Revise - Resubmit

**To: The Contractor**  
Approval by the GEC shall not relieve the Contractor of its obligations and liabilities under the contract or constitute authorization of any change to Contract Documents, and therefore, shall not imply any recognition whatsoever of additional time or cost to the contract.

**GEC Authorised Signature:**  
**Name:**  
**Date:** 21/6/2015
MATERIAL SUBMISSION (MS)

MS No.: EXW-P015-0000-MQ-LNT-MS-00195
Outgoing Log No.: EXW-P015-0000-MQ-LNT-TN-02655
Rev: CA Date: June 16, 2015

To: Halcrow (Consulting Engineers & Architects) Ltd - Onward Submission to Kahramaa (Electricity Distribution Affairs)

To: Mr. Nizam Khan, Senior Resident Engineer

To: Mr. Eerhan ElAzehh, Project Resident, KBR

Material Proposed: Electrical MV & LV Cables of Kahramaa

Proposed Location for Use: MV & LV Electrical Works of Kahramaa in the scope of the project as per tender document, plans/drawings and as deemed necessary as per engineers approvals in accordance with specification.

Manufacturer / Origin: Doha Cables - Qatar LLC

Brand Name/Type: Elsowedy Cables


Subcontractor Ref: Drawing No. BOQ Ref. Quantity

Reference Documents Attached:


Checked By:

Name: MANUEL ABELLA, PROJECT DIRECTOR

Signature: Date: 11/6/11

LARSEN & TOUBRO LIMITED

RESPONSE: Please refer to KAHRAAMA's correspondences Ref. 0001179, 00180 <06/28/2015> 0001181 - 06/28/2015 for comments. Proposed are approved subject to the following:

1) Materials to be inspected at site before installation for final approval.

2) KAHRAAMA's notes contained in the enclosed correspondences.

☐ A = Approved ☑ B = Accepted with Comments ☐ W = Rejected / Wrong ☐ I = Acknowledged

CONSULTANT

SENIOR RESIDENT ENGINEER:

Name: NIZAM KHAN

Signature: Date: 11/5/14
**Subject:** Your Request for Material Approval of CU/XLPE/SWA/PVC-6.35/11kV-3x240mm² (Manufacturer: Doha Cables – Qatar)  
**Project:** P015 - AL WAKRAH BYPASS ROAD  
**KM BP #2211714 KM Scheme #22/117/2014**

Greetings from Qatar General Electricity & Water Corporation (KAHRAMAA), with reference to your application #0001181 dated 06/28/2015 regarding the abovementioned subject.

The technical details and documents submitted with respect of 68000 - Meters of CU/XLPE/SWA/PVC-6.35/11kV-3x240mm² manufactured by Doha Cables - Qatar have been examined and found meeting with KM requirements. Therefore, it is approved for use in the above referred project. However, the material will be subjected to inspection at site before installation for final approval.

**Note:**

1. Please note that KM approval of technical submittal is based on prevailing specification and product performance. This approval does not form a basis to approve any future submittals.
2. This approval is valid for one year from the date of this letter. The delivery and KM inspection shall be within the period. Afterward, new submittal needs to be submitted for KM review and approval.
3. The approval shall become void if any deviations are found in the physical equipment/materials at the time of installations.

Best Regards,

Hamad Mohd Al Maddr Al-Marri  
MANAGER, Electricity Network Planning Dept.
Subject: Your Request for Material Approval of 1.CU/XLPE/TCW+SWA/PVC-0.6/1kV-4C×300mm² 2.CU/XLPE/TCW+SWA/PVC-0.6/1kV-4C×70mm²
(Manufacturer: Doha Cables – Qatar)
Project: P015 - AL WAKRAH BYPASS ROAD
KM BP #2211714 KM Scheme #22/117/2014

Greetings from Qatar General Electricity & Water Corporation (KAHRAMAA), with reference to your application #0001180 dated 06/28/2015 regarding the abovementioned subject.

The technical details and documents submitted with respect of (1).30000 & (2).1000 Meters of 1.CU/XLPE/TCW+SWA/PVC-0.6/1 kV-4C×300 m m² 2.CU/XLPE/TCW+SWA/PVC-0.6/1 kV-4C×70 mm² manufactured by Doha Cables - Qatar have been examined and found meeting with KM requirements. Therefore, it is approved for use in the above referred project. However, the material will be subjected to inspection at site before installation for final approval.

Note:-
1. Please note that KM approval of technical submittal is based on prevailing specification and product performance. This approval does not form a basis to approve any future submittals.
2. This approval is valid for one year from the date of this letter. The delivery and KM inspection shall be within the period. Afterward, new submittal needs to be submitted for KM review and approval.
3. The approval shall become void if any deviations are found in the physical equipment/materials at the time of installations.

Best Regards,

Hamad Mohamed Al Haddad Al-Kharraj
MANAGER, Electricity Network Planning Dept.

CC: Director, EWA
Manager, Materials & Spec.

Disclaimer: This Fax and any attachments may contain information which is confidential. They should not be distributed, disclosed or copied to anyone without the approval of the sender. If you are not one of the intended recipients of this Fax, please return the Fax and any attachments, and notify the sender by e-mail or Fax or telephone. Confidentiality is not waived or lost by mistaken communication.
Subject: Your Request for Material Approval of Pilot Cable - CU/XLPE/SWA/PVC-0.6/1kV- 4x4+4x2x1.5mm²  
(Manufacturer: Doha Cables – Qatar)  
Project: P015 - AL WAKRAH BYPASS ROAD  
KM BP #2211714 KM Scheme #22/117/2014

Greetings from Qatar General Electricity & Water Corporation (KAHRAMAA), with reference to your application #0001179 dated 06/28/2015 regarding the abovementioned subject.

The technical details and documents submitted with respect of 68000 - Meters of Pilot Cable - CU/XLPE/SWA/PVC-0.6/1kV- 4x4+4x2x1.5mm² manufactured by Doha Cables - Qatar have been examined and found meeting with KM requirements. Therefore, it is approved for use in the above referred project. However, the material will be subjected to inspection at site before installation for final approval.

Note:-

1. Please note that KM approval of technical submittal is based on prevailing specification and product performance. This approval does not form a basis to approve any future submittals.
2. This approval is valid for one year from the date of this letter. The delivery and KM inspection shall be within the period. Afterward, new submittals need to be submitted for KM review and approval.
3. The approval shall become void if any deviations are found in the physical equipment/materials at the time of installations.

Best Regards,

Hamad Mohd Al Maddad Al-Marr
MANAGER, Electricity Network Planning Dept.

Pilot Cable
MS-195, Rev. CA
1. Proposed Material: Electrical MV & LV Cables of Kahramaa

1. Cu/XLPE/TCW+SWA/PVC - 0.6/1kv - 4Cx300mm² - LV Cable
   (EP-MS-P4-S3-040 Issue: 3-2014)
   Ref.: c0001180-06/28/2015

2. Cu/XLPE/TCW+SWA/PVC - 0.6/1kv - 4Cx70mm² - LV Cable
   (EP-MS-P4-S3-040 Issue: 3-2014)

3. Cu/XLPE/SWA/PVC - 6.35/11kv - 3Cx240mm² - MV Cable
   (EP-MS-P4-S3-030 Issue: 2-2013)
   Ref.: c001181 - 06/28/2015

4. Pilot Cable - Cu/XLPE/SWA/PVC - 0.6/1kv - 4x4+4x2x1.5mm² - Pilot Cable
   (EP-MS-P4-S3-050 Issue: 2-2013)
   Ref.: c001179 - 02/28/2015

2. Part of Work: MV & LV works of Kahramaa.


4. Company Name (Manufacturer/Origin): Doha Cables - Qatar LLC.

5. Supplier Name: El Sewedy Cables WLL Qatar.

6. Use and Application: MV & LV Electrical works of Kahramaa in the scope of the project as per tender document, plans/drawings and as deemed necessary as per engineers approvals in accordance with specification.
SUBMITTAL FOR APPROVAL OF MATERIALS

From: Leighton Contracting Qatar WLL – Al Jaber Engineering LLC JV
To: AECOM Middle East Limited
Purpose: 
General: 

Project Title: New Orbital Highway & Truck Route P023
Contract No.: Contract 3
Company: 
PWA Project Manager: KBR
Supervision Consultant: AECOM Middle East Limited
Contractor: Leighton Contracting Qatar WLL – Al Jaber Engineering JV

Submittal No.: EXW-P023-0003-MS-00085
Title: Electrical cables
Rev. No.: CA
Date: 04 Aug 2015
No of Copies: 4 Hardcopy, 2 CD (pdf)

TO: AECOM Middle East Limited
We request the Engineer's approval on the following Materials

1- MATERIAL DESCRIPTION (One item only on this form)
Type of Material: Cables of 3C x 300mm², 3C x 240mm², 3C x 185mm²/4C x 300mm², 4C x 165mm², 4C x 120mm², 4C x 70mm², 4C x 25mm²/4C x 16mm²/3C x 25mm²/1C x 10mm²/1C x 16mm² and 24F, Single Mode Fiber (Direct Burial / under ground / Non-metallic)
Area of Application: LV and MV Cables, Project wide
Drawing Reference: -
Specification: Project specification Section -II Part - 2 Section 21: Electrical works Part 6, QCS 2010 Section 21 Part 6
BOQ Ref. No.: 
Standards: 
Document No.: EXW-P023-0003-EE-LAJ-MS-00101
Enclosures: Technical Literature, sample as appropriate

Attach all relevant technical literature marked to identify relevant description, current test certificates, samples as appropriate.

2- MANUFACTURER/SUPPLIER
Company Name: Doha Cables
Address: Masaieed, DOHA, QATAR
Local Agent: Doha Cables

3- DELIVERY
Country of Origin: Qatar
Availability: As agreed
Delivery Program: As agreed
Ex-works/Total Duration: Contract Duration
Estimated Date of Arrival on Site: 
Date Material Required on Site: 
Latest Date for Order: 

We certify that the above submitted items have been reviewed in detail and are correct and in strict conformity with the contract drawings and specifications as otherwise stated: and also that the material sources indicated above have been reviewed in detail and that we will supply the submitted items in full conformity with schedule delivery.

FOR: Leighton Contracting Qatar WLL – Al Jaber Engineering LLC JV
Name: 
Signature: 
Date: 4/8/15

SUPERVISION CONSULTANT’S COMMENTS:

ACTION CODE
A Approved As Submitted []
B Approved - Except as Noted [X]
C Revise - Resubmit []
D Disapproved - Resubmit []
E Receipt Acknowledge []
FOR: AECOM Middle East Limited
Name: 
Signature: 
Date: 15-8-2015

TO: Leighton Contracting Qatar WLL – Al Jaber Engineering LLC JV
Approval by the Supervision Consultant shall not relieve the Contractor of its obligations and liabilities under the Contract or constitute authorization of any change to Contract Documents, and therefore, shall not imply any recognition whatsoever of additional time or cost to the contract.

FOR: AECOM Middle East Limited
Name: 
Signature: 
Date: 

PWA-P.R-8-109/F01
Exp Form No.: f_sh_00_material_submittal_c
Issue No.: (1)
Issue Date: 16/12/2007