|  |  |  |  |
| --- | --- | --- | --- |
| ت |  المادة |  الوحدة  |  الكمية |
| 1 | كيبل المنيوم مجدول 3\*25+1\*16 ملم | م.ط | 6250 |
| 2 | كيبل المنيوم مجدول 2\*25 ملم | م.ط | 950 |
| 3 | كيبل المنيوم مجدول 2\*16 ملم | م.ط | 650 |
| 4 | كيبل المنيوم مجدول 3\*16+1\*16 ملم | م.ط | 1100 |
| 5 | كيبل المنيوم مجدول 3\*50+1\*25 ملم | م.ط | 11000 |
| 6 | سلك فليكسبل نحاسي قياس 2\*1.5 ملم  | باللفة  | 20 |
| 7 | سلك فليكسبل نحاسي قياس 2\*4 ملم | باللفة | 8 |
| 8 | سلك فليكسبل نحاسي قياس 2\*2.5 ملم | باللفة | 25 |
| 9 | سلك فليكسبل نحاسي قياس 3\*2.5 ملم | باللفة | 20 |
| 10 | كيبل نحاس 4\*16 ملم  | م.ط | 70 |
| 11 | كيبل نحاس 4\*10 ملم | باللفة | 3 |
| 12 | وحدة انارة شوارع 100 واط LED | بالعدد | 405 |
| 13 | ذراع وحدة انارة مع البراغي والصواميل | بالعدد | 405 |
| 14 | وحدة انارة شوارع 100 واط LED تعمل على طاقة شمسية مع خلية وبطارية | بالعدد | 6 |
| 15 | كشاف 400 واط LED | بالعدد | 11 |
| 16 | كشاف 300 واط LED | بالعدد | 27 |
| 17 | كشاف 200 واط LED | بالعدد | 127 |
| 18 | عامود كهرباء حديد 5\*4\*3 مجلفن طول 9 متر  | بالعدد | 34 |
| 19 | عامود كهرباء حديد 4\*3 مجلفن طول 6 متر | بالعدد | 6 |
| 20 | قاطع ثلاثي الطور 63 امبير MCCB اوروبي غربي | بالعدد | 18 |
| 21 | قاطع ثلاثي الطور 32 امبير MCCB اوروبي غربي | بالعدد  | 40 |
| 22 | كونتاكتور ثلاثي الطور 63 امبير اوروبي غربي | بالعدد | 60 |
| 23 | خلية ضوئية ثلاث خطوط اوروبي غربي | بالعدد  | 60 |

|  |
| --- |
| **وحدات الانارة** |
| **street led light 100W** |
| CCT | 3000K |
| Luminous Flux | 15000LM |
| Material | Aluminum |
| Beam angle | 120° |
| IP Guard | IP66 |
| Power factor | >0.95  |
| CRI |  ≥80 |
| Life time | 50000H |
| **Solar street light 150W** |
| CCT | 3000K |
| Luminous Flux | 1800LM |
| Material | Aluminum |
| Beam angle | 120° |
| IP Guard | IP65 |
| Battery capacity | 6.4V 10000mAh |
| Solar Panel Wattage | 9V 25W(Poly) |
| Working time | 12-16H |
| Solar cable length | 3 meters |
| Charging time | 4-6 H |
| **Flood led light 200W** |
| CCT | 3000K |
| Luminous Flux | 30000LM |
| Material | Aluminum |
| Beam angle | 120° |
| IP Guard | IP65 |
| Power factor | >0.95  |
| CRI |  ≥80 |
| Life time | 50000H |
| **Flood led light 300W** |
| CCT | 3000K |
| Luminous Flux | 45000LM |
| Material | Aluminum |
| Beam angle | 120° |
| IP Guard | IP65 |
| Power factor | >0.95  |
| CRI |  ≥80 |
| Life time | 50000H |
| **Flood led light 400W** |
| CCT | 3000K |
| Luminous Flux | 60000LM |
| Material | Aluminum |
| Beam angle | 120° |
| IP Guard | IP65 |
| Power factor | >0.95  |
| CRI |  ≥80 |
| Life time | 50000H |

**Specification for Aerial Bundled Cable**

|  |  |  |
| --- | --- | --- |
| **Rated Voltage** | **V** | 600/1000 |
| **Standard** |  | IEC 60502-1 |
| **Construction** | **-** | 2AL/XLPE |
| **Size** | **mm2** | 2 X 25 |
| **Conductor** |
|  |  | **Phase** | **Neutral** |
| **Number of Cores** | **No.** | 1 | 1 |
| **Material** | **-** | Aluminum | Aluminum |
| **Conductor Shape** | **-** | Stranded Compacted Round | Stranded Compacted Round |
| **Nominal Cross Section Area** | **mm2** | 25 | 25 |
| **Min. number of wires in conductor** | **No.** | 7 | 7 |
| **Conductor Diameter** | **mm** | 6.0 | 6.0 |
| **Max. Conductor DC Resistance at 20 °C** | **Ω/Km** | 1.2 | 1.2 |
| **Insulation** |
| **Material** | **-** | XLPE | XLPE |
| **Nominal Thickness** | **mm** | 1.4 | 1.4 |
| **Identification** | **-** | BK/RD | BK |
| **Diameter over insulation** | **mm** | 8.9 | 8.9 |
| **Completed Cable** |
| **Overall Diameter** | **mm** | 17.8 |
| **Maximum Operating Temperature**  | **°C** | 90 |

|  |  |  |
| --- | --- | --- |
| **Rated Voltage** | **V** | 600/1000 |
| **Standard** |  | IEC 60502-1 |
| **Construction** | **-** | 2AL/XLPE |
| **Size** | **mm2** | 2 X 25 |
| **Conductor** |
|  |  | **Phase** | **Neutral** |
| **Number of Cores** | **No.** | 1 | 1 |
| **Material** | **-** | Aluminum | Aluminum |
| **Conductor Shape** | **-** | Stranded Compacted Round | Stranded Compacted Round |
| **Nominal Cross Section Area** | **mm2** | 25 | 25 |
| **Min. number of wires in conductor** | **No.** | 7 | 7 |
| **Conductor Diameter** | **mm** | 6.0 | 6.0 |
| **Max. Conductor DC Resistance at 20 °C** | **Ω/Km** | 1.2 | 1.2 |
| **Insulation** |
| **Material** | **-** | XLPE | XLPE |
| **Nominal Thickness** | **mm** | 1.4 | 1.4 |
| **Identification** | **-** | BK/RD | BK |
| **Diameter over insulation** | **mm** | 8.9 | 8.9 |
| **Completed Cable** |
| **Overall Diameter** | **mm** | 17.8 |
| **Maximum Operating Temperature**  | **°C** | 90 |

|  |  |  |
| --- | --- | --- |
| **Rated Voltage** | **V** | 600/1000 |
| **Standard** |  | IEC 60502-1 |
| **Construction** | **-** | 2AL/XLPE |
| **Size** | **mm2** | 2 X 25 |
| **Conductor** |
|  |  | **Phase** | **Neutral** |
| **Number of Cores** | **No.** | 1 | 1 |
| **Material** | **-** | Aluminum | Aluminum |
| **Conductor Shape** | **-** | Stranded Compacted Round | Stranded Compacted Round |
| **Nominal Cross Section Area** | **mm2** | 25 | 25 |
| **Min. number of wires in conductor** | **No.** | 7 | 7 |
| **Conductor Diameter** | **mm** | 6.0 | 6.0 |
| **Max. Conductor DC Resistance at 20 °C** | **Ω/Km** | 1.2 | 1.2 |
| **Insulation** |
| **Material** | **-** | XLPE | XLPE |
| **Nominal Thickness** | **mm** | 1.4 | 1.4 |
| **Identification** | **-** | BK/RD | BK |
| **Diameter over insulation** | **mm** | 8.9 | 8.9 |
| **Completed Cable** |
| **Overall Diameter** | **mm** | 17.8 |
| **Maximum Operating Temperature**  | **°C** | 90 |

|  |  |  |
| --- | --- | --- |
| **Rated Voltage** | **V** | 600/1000 |
| **Standard** |  | IEC 60502-1 |
| **Construction** | **-** | 2AL/XLPE |
| **Size** | **mm2** | 2 X 25 |
| **Conductor** |
|  |  | **Phase** | **Neutral** |
| **Number of Cores** | **No.** | 1 | 1 |
| **Material** | **-** | Aluminum | Aluminum |
| **Conductor Shape** | **-** | Stranded Compacted Round | Stranded Compacted Round |
| **Nominal Cross Section Area** | **mm2** | 25 | 25 |
| **Min. number of wires in conductor** | **No.** | 7 | 7 |
| **Conductor Diameter** | **mm** | 6.0 | 6.0 |
| **Max. Conductor DC Resistance at 20 °C** | **Ω/Km** | 1.2 | 1.2 |
| **Insulation** |
| **Material** | **-** | XLPE | XLPE |
| **Nominal Thickness** | **mm** | 1.4 | 1.4 |
| **Identification** | **-** | BK/RD | BK |
| **Diameter over insulation** | **mm** | 8.9 | 8.9 |
| **Completed Cable** |
| **Overall Diameter** | **mm** | 17.8 |
| **Maximum Operating Temperature**  | **°C** | 90 |

|  |  |  |
| --- | --- | --- |
| **Rated Voltage** | **V** | 600/1000 |
| **Standard** |  | IEC 60502-1 |
| **Construction** | **-** | 2AL/XLPE |
| **Size** | **mm2** | 2 X 25 |
| **Conductor** |
|  |  | **Phase** | **Neutral** |
| **Number of Cores** | **No.** | 1 | 1 |
| **Material** | **-** | Aluminum | Aluminum |
| **Conductor Shape** | **-** | Stranded Compacted Round | Stranded Compacted Round |
| **Nominal Cross Section Area** | **mm2** | 25 | 25 |
| **Min. number of wires in conductor** | **No.** | 7 | 7 |
| **Conductor Diameter** | **mm** | 6.0 | 6.0 |
| **Max. Conductor DC Resistance at 20 °C** | **Ω/Km** | 1.2 | 1.2 |
| **Insulation** |
| **Material** | **-** | XLPE | XLPE |
| **Nominal Thickness** | **mm** | 1.4 | 1.4 |
| **Identification** | **-** | BK/RD | BK |
| **Diameter over insulation** | **mm** | 8.9 | 8.9 |
| **Completed Cable** |
| **Overall Diameter** | **mm** | 17.8 |
| **Maximum Operating Temperature**  | **°C** | 90 |

|  |  |  |
| --- | --- | --- |
| **Rated Voltage** | **V** | 600/1000 |
| **Standard** |  | IEC 60502-1 |
| **Construction** | **-** | 2AL/XLPE |
| **Size** | **mm2** | 2 X 25 |
| **Conductor** |
|  |  | **Phase** | **Neutral** |
| **Number of Cores** | **No.** | 1 | 1 |
| **Material** | **-** | Aluminum | Aluminum |
| **Conductor Shape** | **-** | Stranded Compacted Round | Stranded Compacted Round |
| **Nominal Cross Section Area** | **mm2** | 25 | 25 |
| **Min. number of wires in conductor** | **No.** | 7 | 7 |
| **Conductor Diameter** | **mm** | 6.0 | 6.0 |
| **Max. Conductor DC Resistance at 20 °C** | **Ω/Km** | 1.2 | 1.2 |
| **Insulation** |
| **Material** | **-** | XLPE | XLPE |
| **Nominal Thickness** | **mm** | 1.4 | 1.4 |
| **Identification** | **-** | BK/RD | BK |
| **Diameter over insulation** | **mm** | 8.9 | 8.9 |
| **Completed Cable** |
| **Overall Diameter** | **mm** | 17.8 |
| **Maximum Operating Temperature**  | **°C** | 90 |

|  |  |  |
| --- | --- | --- |
| **Rated Voltage** | **V** | 600/1000 |
| **Standard** |  | IEC 60502-1 |
| **Construction** | **-** | 2AL/XLPE |
| **Size** | **mm2** | 2 X 25 |
| **Conductor** |
|  |  | **Phase** | **Neutral** |
| **Number of Cores** | **No.** | 1 | 1 |
| **Material** | **-** | Aluminum | Aluminum |
| **Conductor Shape** | **-** | Stranded Compacted Round | Stranded Compacted Round |
| **Nominal Cross Section Area** | **mm2** | 25 | 25 |
| **Min. number of wires in conductor** | **No.** | 7 | 7 |
| **Conductor Diameter** | **mm** | 6.0 | 6.0 |
| **Max. Conductor DC Resistance at 20 °C** | **Ω/Km** | 1.2 | 1.2 |
| **Insulation** |
| **Material** | **-** | XLPE | XLPE |
| **Nominal Thickness** | **mm** | 1.4 | 1.4 |
| **Identification** | **-** | BK/RD | BK |
| **Diameter over insulation** | **mm** | 8.9 | 8.9 |
| **Completed Cable** |
| **Overall Diameter** | **mm** | 17.8 |
| **Maximum Operating Temperature**  | **°C** | 90 |

|  |  |  |
| --- | --- | --- |
| **Rated Voltage** | **V** | 600/1000 |
| **Standard** |  | IEC 60502-1 |
| **Construction** | **-** | 2AL/XLPE |
| **Size** | **mm2** | 2 X 25 |
| **Conductor** |
|  |  | **Phase** | **Neutral** |
| **Number of Cores** | **No.** | 1 | 1 |
| **Material** | **-** | Aluminum | Aluminum |
| **Conductor Shape** | **-** | Stranded Compacted Round | Stranded Compacted Round |
| **Nominal Cross Section Area** | **mm2** | 25 | 25 |
| **Min. number of wires in conductor** | **No.** | 7 | 7 |
| **Conductor Diameter** | **mm** | 6.0 | 6.0 |
| **Max. Conductor DC Resistance at 20 °C** | **Ω/Km** | 1.2 | 1.2 |
| **Insulation** |
| **Material** | **-** | XLPE | XLPE |
| **Nominal Thickness** | **mm** | 1.4 | 1.4 |
| **Identification** | **-** | BK/RD | BK |
| **Diameter over insulation** | **mm** | 8.9 | 8.9 |
| **Completed Cable** |
| **Overall Diameter** | **mm** | 17.8 |
| **Maximum Operating Temperature**  | **°C** | 90 |

|  |
| --- |
| **Conductor** |
| **Number of Cores** | **No.** | 2 |
| **Material** | **-** | Bare Annealed Copper |
| **Conductor Shape** | **-** | Flexible Round |
| **Nominal Cross Section Area** | **mm2** | 2.5 |
| **Max. Wire Diameter** | **mm** | 0.25 |
| **Conductor Diameter** | **mm** | 2.0 |
| **Max. Conductor DC Resistance at 20 °C** | **Ω/Km** | 7.98 |
| **Insulation** |
| **Material** | **-** | PVC |
| **Nominal Thickness** | **mm** | 0.8 |
| **Identification** | **-** | BLUE, BROWN |
| **Diameter over insulation** | **mm** | 3.65 |
| **Sheathing**  |
| **Material** | **-** | PVC |
| **Nominal Thickness** | **mm** | 1.0 |
| **Color** | **-** | WHITE |
| **Overall Diameter** | **mm** | 9.35 |
| **Maximum Operating Temperature**  | **°C** | 70 |

|  |  |  |
| --- | --- | --- |
| **Rated Voltage** | **V** | 600/1000 |
| **Standard** |  | IEC 60502-1 |
| **Construction** | **-** | 2AL/XLPE |
| **Size** | **mm2** | 2 X 16 |
| **Conductor** |
|  |  | **Phase** | **Neutral** |
| **Number of Cores** | **No.** | 1 | 1 |
| **Material** | **-** | Aluminum | Aluminum |
| **Conductor Shape** | **-** | Stranded Compacted Round | Stranded Compacted Round |
| **Nominal Cross Section Area** | **mm2** | 16 | 16 |
| **Min. number of wires in conductor** | **No.** | 7 | 7 |
| **Conductor Diameter** | **mm** | 4.8 | 4.8 |
| **Max. Conductor DC Resistance at 20 °C** | **Ω/Km** | 1.91 | 1.91 |
| **Insulation** |
| **Material** | **-** | XLPE | XLPE |
| **Nominal Thickness** | **mm** | 1.2 | 1.2 |
| **Identification** | **-** | BK/RD | BK |
| **Diameter over insulation** | **mm** | 7.3 | 7.3 |
| **Completed Cable** |
| **Overall Diameter** | **mm** | 14.6 |
| **Maximum Operating Temperature**  | **°C** | 90 |

|  |  |  |
| --- | --- | --- |
| **Rated Voltage** | **V** | 450/750 |
| **Standard** |  | BS 6500 |
| **Construction** | **-** | CU/PVC/PVC |
| **Size** | **mm2** | 2 X 4 |
| **Conductor** |
| **Number of Cores** | **No.** | 2 |
| **Material** | **-** | Bare Annealed Copper |
| **Conductor Shape** | **-** | Flexible Round |
| **Nominal Cross Section Area** | **mm2** | 4 |
| **Max. Wire Diameter** | **mm** | 0.3 |
| **Conductor Diameter** | **mm** | 2.5 |
| **Max. Conductor DC Resistance at 20 °C** | **Ω/Km** | 4.95 |
| **Insulation** |
| **Material** | **-** | PVC |
| **Nominal Thickness** | **mm** | 0.8 |
| **Identification** | **-** | BLUE, BROWN |
| **Diameter over insulation** | **mm** | 4.15 |
| **Sheathing**  |
| **Material** | **-** | PVC |
| **Nominal Thickness** | **mm** | 1.2 |
| **Color** | **-** | WHITE |
| **Overall Diameter** | **mm** | 10.75 |
| **Maximum Operating Temperature**  | **°C** | 70 |
| **Rated Voltage** | **V** | 600/1000 |
| **Standard** |  | BS 6346 + IEC 60502-1 |

|  |  |  |
| --- | --- | --- |
| **Rated Voltage** | **V** | 450/750 |
| **Standard** |  | BS 6500 |
| **Construction** | **-** | CU/PVC/PVC |
| **Size** | **mm2** | 3 X 2.5 |
| **Conductor** |
| **Number of Cores** | **No.** | 3 |
| **Material** | **-** | Bare Annealed Copper |
| **Conductor Shape** | **-** | Flexible Round |
| **Nominal Cross Section Area** | **mm2** | 2.5 |
| **Max. Wire Diameter** | **mm** | 0.25 |
| **Conductor Diameter** | **mm** | 2.0 |
| **Max. Conductor DC Resistance at 20 °C** | **Ω/Km** | 7.98 |
| **Insulation** |
| **Material** | **-** | PVC |
| **Nominal Thickness** | **mm** | 0.8 |
| **Identification** | **-** | BLUE, BROWN, GREEN/YELLOW |
| **Diameter over insulation** | **mm** | 3.65 |
| **Sheathing**  |
| **Material** | **-** | PVC |
| **Nominal Thickness** | **mm** | 1.1 |
| **Color** | **-** | WHITE |
| **Overall Diameter** | **mm** | 10.13 |
| **Maximum Operating Temperature**  | **°C** | 70 |

|  |  |  |
| --- | --- | --- |
| **Construction** | **-** | CU/PVC/PVC/PVC |
| **Size** | **mm2** | 4 X 10 |
| **Conductor** |
| **Number of Cores** | **No.** | 4 |
| **Material** | **-** | Bare Annealed Copper |
| **Conductor Shape** | **-** | Stranded Round |
| **Nominal Cross Section Area** | **mm2** | 10 |
| **Min. number of wires in conductor** | **No.** | 7 |
| **Conductor Diameter** | **mm** | 4.05 |
| **Max. Conductor DC Resistance at 20 °C** | **Ω/Km** | 1.83 |
| **Insulation** |
| **Material** | **-** | PVC |
| **Nominal Thickness** | **mm** | 1.0 |
| **Identification** | **-** | RED, YELLOW, BLUE, BLACK |
| **Diameter over insulation** | **mm** | 6.1 |
| **Bedding** |
| **Material** | **-** | PVC |
| **Nominal Thickness** | **mm** | 0.8 |
| **Color** | **-** | BLACK |
| **Diameter over Bedding** | **mm** | 16.4 |
| **Sheathing**  |
| **Material** | **-** | PVC |
| **Nominal Thickness** | **mm** | 1.8 |
| **Color** | **-** | BLACK |
| **Overall Diameter** | **mm** | 20.1 |
| **Maximum Operating Temperature**  | **°C** | 70 |

**Steel Strapping**

Steel is the oldest and strongest strap available. Steel strap was designed for extreme tasks for which a heavy or very firm strap is needed, whereby a high strength and minimum stretch is required, or when the product can be sharp or hot. Steel strap has virtually no stretch. As a result, almost no tension is lost after strapping. Steel straps are mainly used in the wood and metal sector, but can also be used for other heavy materials. Steel straps are available in different qualities, widths, thicknesses and finishes, such as galvanized, glued, painted or zinc-coated.

**Circuit Breaker**

Circuit Breaker - 3P - C - 63 A\*

 Origin: Europe

Rated Short-Circuit Capacity: (400 V AC) 6 Ka

Circuit Breaker - 3P - C - 32 A\*

 Origin: Europe

Rated Short-Circuit Capacity: (400 V AC) 6 Ka

**Contactor**

Origin: Europe

**LIGHT CELL**

Origin: Europe

**STEEL STRAPPING**

* Steel semi open metal seals for 12mm hand strapping.
* These should be used in conjunction with a sealer/tensioner or a combination tool for hand pallet strapping.
* Silver in colour.
* Size of seal is 12mm wide x 25mm / 0.6cm long

**steel strapping tensioner**

Specifications:

Color: Black

Size: 3/8 3/4

Strength/Material: Steel

**الشروط الخاصة:**

**1. على الشركة بيان مدة التسليم للمواد المعروضة.**

**2. يتم تقديم العرض الفني والعرض المالي في مغلفين منفصلين ولن ينظر في اي عرض غير مفصول.**

**4. تلتزم الشركة بارفاق كفالة دخول عطاء بما لا يقل عن نسبة 3% من قيمة العرض المقدم ولن ينظر في اي عرض غير مرفق به كفالة دخول العطاء.**

**5. تلتزم الشركة بتقديم كافة النشرات الفنية للمواد المعروضة.**

**6. على الشركة بيان مدة كفالة الصيانة المجانية المقدمة على ان لا تقل عن (12) شهراً من تاريخ قبول المواد.**

**7. تلتزم الشركة بالاستبدال الفوري للمواد المتعطلة.**

 

**بسم الله الرحمن الرحيـم**

**إعلان طرح عطاء رقــم**

**م ش5/86/2020**

**(شراء وحدات انارة)**

1. تعلـن القيــادة العامــة للقــوات المسلحــة الأردنيـة – الجيش العربي/ مديرية المشتريات الدفاعية عن طرح عطاء رقم م ش5/86/2020 الخـاص بشـراء وحدات انارة فعلى المتعهدين الراغبين بالاشتراك في هذا العطاء مراجعة مديرية المشتريات الدفاعية/ شعبة الاتصالات والأنظمة الإلكترونية لشراء نسخة العطاء مقابل دفع مبلغ (75) خمسة وسبعون دينار أردني غير مستردة مصطحبين معهم سجل تجاري ورخص المهن سارية المفعول أو صور عنها.
2. يتم بيع دعوة العطاء يوميًا ولغاية الساعة (1300) بعد الظهر من كل يوم ما عدا يوم الخميس والعطل الرسمية ويكون يوم الاحد الموافق 22/5/2022 الساعة (1300) أخر موعد لبيع دعوة العطاء.
3. تعاد المناقصات بواسطة الظرف المختوم الى مديرية المشتريات الدفاعية /سكرتير اللجان قبل الساعة (1300) يوم الاثنين الموافق 23/5/2022 معززة بتأمين مالي مصدق بقيمة (3%) ثلاث بالمئة من قيمة المناقصة وكل مناقصة ترد بعد هذا التاريخ أو غير مرفق بها تأمين مالي تهمل ولا ينظر بها .

4. علماً بان موقعنا على الانترنت هو [www.jafdop.mil.jo](http://www.jafdop.mil.jo)(للاطلاع على المواصفات الفنية المطلوبة والشروط العامة للدخول في العطاءات)