

## SCOPE OF WORK

Following Material is required for Area Boundary Lighting for Frac Job at Well KUC-01.

S.No	Item	Qty	Unit
1	4 Core, 6 sq mm, PVC/SWA/PVC, Pakistan Cables, Newage or equivalent	850	Meter
2	3 Core, 2.5 sq mm, PVC/SWA/PVC , Pakistan Cables, Newage or equivalent	70	Meter
3	Lighting distribution Boxes 10"x12"x6" as per <b>drawing A1</b>	7	Nos.
4	400 watt Sodium SON-T IP65 Weather Proof Flood Lights complete	7	Nos.
5	400 watt SON-T Lamps	5	Nos.
6	1 Core, 16 sq mm, PVC/PVC Y/G Flexible (earth cable), Pakistan Cables, Newage or equivalent	500	Meter
7	Copper rods (20 mm sq), length 10 feet.	2	Nos
8	<p><b>Distribution Panel:</b> Floor standing along with base frame, bottom cable entry, neutral and earth bus bars, four side rain shed, 18 Gauge MS, IP65 Weather proof grade with RAL 7032 Powder paint color, Double Door with transparent/insulating cover, with wiring and looping, complete in all aspects. Details as under</p> <p>Incoming: 160A TP MCCB – 01 No (Schneider/Siemens equivalent)            Outgoing:            63A TP MCCB – 01 Nos (Schneider/Siemens/ equivalent)            32A TP MCB – 05 Nos (Schneider/Siemens/ equivalent)            16A SP MCB – 05 Nos (Schneider/Siemens/equivalent)            10A SP MCB – 05 Nos (Schneider/Siemens/ equivalent)            Photo Cell sun switch along with Power contactor of 15KW Coil Voltage 220Vac (Schneider/Siemens /equivalent),            Outgoing Power rating Terminals Strips for Incoming and Outgoing Breakers,            3x Phase Indication Lamps, Lights On/OFF/Photocell Selector switch            Complete in all aspects</p>	1	Nos.

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