



**OIL AND GAS DEVELOPMENT COMPANY LIMITED  
KUNNAR / KPD TAY LPG PLANT**

Dated: 30-11-2022

**SCHEDULE OF REQUIREMENT**

**“Purchase of Electrical Cables, Explosion proof Lights and earthing material  
for NIM East #1 Facility”**

<b><u>Sr. No.</u></b>	<b><u>Description</u></b>	<b><u>Reference No.</u></b>	<b><u>Rate</u></b>	<b><u>Total Rate (inclusive of all Taxes)</u></b>	<b><u>Deviation</u></b>
1	As per scope of work and TOR attached				

**Note: Separate rate to be quoted for each activity as given in  
scope of work. Terms & conditions are attached.**

## **TERMS OF REFERENCE (TORs)**

1. Successful Bidder will provide complete material at Kunnar/KPD-TAY Site on FOR basis.
2. Bidder to confirm that quoted material is compatible with the provided specifications.
3. Supplier is responsible for the Factory Acceptance Test (FAT) of Power Cables and Distribution Panel.
4. Supplier to provide all test certificates and data sheet of said material.
5. Supplier to provide SLD with each component list of Distribution Panel along with technical bid.
6. Valid OEM Warranty Certificate of all Components to be provided.
7. The detailed Inspection of the delivered material will be carried out at site after delivery of material.
8. Delivery period within 02 weeks after placement of order.
9. Payment will be made through Online/Cross Cheque from HO, IBA after submission of all documents, Annexure C with submitted status duly signed and stamped and successful delivery and inspection of material at site.

## SCOPE OF WORK

Following Electrical Power Cables, Distribution Panel, explosion proof lights with junction boxes and earthing material are required for Well NIM East#1 Facility.

S.No	Item	Qty	Unit
1	4 Core, 6 sq mm, CU/SWA/PVC	600	Meter
2	Distribution Panel 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 <b>Incoming:</b> 160A TP MCCB – 01 No <b>Outgoing:</b> 63A, 30mA 4P ELCB – 01 Nos 32A, 30mA 4P ELCB – 04 Nos 16A, 30mA DP RCBO – 04 Nos 10A, 30mA DP RCBO – 04 Nos Photo Cell sun switch along with Power contactor of 15KW Coil Voltage 220Vac, Outgoing Power rating Terminals Strips 16mm <sup>2</sup> for Incoming and Outgoing Breakers, 3x Phase Indication Lamps, Lights On/OFF/Photocell Selector switch Complete in all aspects	1	Nos.
3	Explosion proof lighting pole junction Boxes 15"x8"x6" with Terminal strip 25A (10 connectors) and 2x fuse with holder HRC Type 10A on din rail and 03 Nos. bottom cable entry holes required 2x28mm and 1x20mm	4	Nos.
4	Explosion Proof Flood light 250 watt Zone-1	4	Nos.
5	1 core, 16 sq. mm, CU/PVC/PVC Y/G Flexible (earth cable),	300	Meter
6	Copper Rods (20 mm sq.), length 10 feet	7	Nos.
7	Earthing Clamps	8	Nos.
8	Copper lugs 16mm <sup>2</sup> and brass nut bolts	100	Set

**Incharge Production,**  
**Kunnar / KPD TAY LPG Plant, OGDCL,**  
**C/O TCS Tando Jam, Tando Jam, District Hyderabad, Sindh.**  
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**“Web Tender for Purchase of  
Electrical Cables, Explosion proof  
Lights and earthing material for  
NIM East #1 Facility”**