Description of the *works*

The installation of smart meters, Data Concentrators, ready board retrofit, access covers, insulation piercing connector (IPC), pole top split metering kiosks, secure pole mount DC kiosk and all related accessories, including the decommissioning, scrapping and disposal of existing meters for the Distribution Division in the Limlanga Cluster.

The Service provider shall be responsible for the installation, commissioning and handover of a smart meter that is fully functional, registered and connected to the Eskom AMI communication network.

All work shall be carried out to the specified requirements, standards and quality as set out by Eskom while observing and complying to all safety and environmental requirements at the agreed negotiated rates. All project specifications will be included in the relevant Project Specific Agreement for each project.

The scope of work entails but not limited to the following:

1. Remove old existing pole top box replace it with 4-way pole top box split meter with a 50A circuit breaker. Two to four 20A smart split customer meters can share a pole top box.
2. For 60A customers remove old existing pole top box replace it with 4-way top pole box split meter with a 120A circuit breaker. Two to four 60A smart split customer meters can share a pole top box.
3. Install padlocks for all new top pole boxes.
4. Remove old ED meters/ECU meters /Magnetic meters and replace them with DIN Rail Single Phase PLC Smart Split meters which include Customer Interface Unit (CIU). Meters to be installed in the pole top box and sealing of meters.
5. Remove 60A and 20A ED meter cover and replace it with base standard passive unit in accordance to D-DT-3171 Standard.
6. Install ready boards on 20Amp installations including sealing of meters.
7. Decommission existing old standard LV kiosk and replace it with new ground mounted split meter kiosk. PLC Smart Split meters to be fitted in the kiosk.
8. Use terminal box on existing 60A customers if there is no termination between Eskom and customers.
9. Install base Cover preferably on the inside wall where we terminate the airdec.
10. Removal of faulty Data concentrator and Installation of Data concentrator kiosk, Data concentrator including AMI GPRS MODEM, cabling and labelling In accordance with D-DT 9421 on existing minisubs and overhead transformers.
11. Dismantling of existing SPU (Small Power Users) 16KVA, 25KVA, 32KVA, 50KVA,64KVA and100KVA whole current electromechanical/electronic meters, CT driven meters, CT's and damaged Kiosks including Cables.

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12. Installing 16KVA, 25KVA, 32KVA, 50KVA,64KVA and 100KVA Smart meters.
13. Replacement of 16KVA, 25KVA, 32KVA, 50KVA,64KVA and 100KVA damaged Kiosks and cables including cable glands.
14. Testing of the metering installation.
15. Commissioning of the meter to customer Interface Unit, including Sealing of meters.
16. Electronically capture and upload of customer data, including GPS Coordinates using EDA gadget (Enterprise Digital Assistant) according to the information required on the electronic MMF. Do not use cell phones.
17. COC certificates Eskom short version and HOC.
18. Removal and installation of the shack poles (5m and 7m poles) including excavations where necessary.
19. Dismantling and installation of Airdec (Service conductor).
20. Transport of Dismantled/Decommissioned equipment/assets to Eskom Stores.
21. PG's- Accommodation, SHEQS Compliance, Transport with Tracker download report, etc

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