

THE FOLLOWING INFORMATION IS PART OF THE TECHNICAL DATA	
Question	Reply
a. Which system use cases shall be provided? Because the IDIS is mentioned in technical specification, does it mean that the only IDIS use cases shall be provided?	The bidder should demonstrate interoperability between different systems
b. According to the technical requirements of data concentrator, section 4.2.3.2, the modulation can be S-FSK (IEC 61334-5-1) or higher. Can we offer OFDM based on G3-PLC profile?	In the revised specs, the bidder is required to offer OFDM based on G3-PLC profile
c. As we know, the OFDM solution in AMI applications such as G3-PLC has recently been introduced in market and recognized by international standards and there is no 5 years reference installation (as required in technical requirements, section 4.5.8 of single phase, 4.5.10 of three phase and section 4.3.8 of data concentrator technical specification). Is it possible, not to consider the 5 years reference installation, if we offer G3-PLC solution?	The revised specs have require experience in PLC communication not specifically OFDM based on G3-PLC
d. In table number 5 (of software requirements), it is mentioned that IDIS certificate shall be	Addressed in question (a) and the revised specs.

<p>provided. As we know, there are only some meter certified by IDIS. Regarding data concentrator, head-end and MDM, there is still no clear/definite IDIS specification. The IDIS certification shall be provided regarding which parts of system? Does it mean that only certified IDIS meter shall be offered (Landis, Elster, Itron and Iskra)?</p>	
<p>e. Some functions that are mentioned as head-end requirements can be done in MDMS (such as data validation). Is the MDMS provided or included in this project?</p>	<p>MDMS is not included in this project</p>

**2. SECTION V-SCHEDULE OF REQUIREMENTS&
SECTION VI- PRICE SCHEDULE FOR GOODS**

The following amendments are made to SECTION IV & V

Please take note that the suppliers shall be required to install and commission the Single Phase smart static meters for active energy, Three phase smart static meters for active energy and the Data Concentrators. Therefore resulting to this project being a Turn Key Project.

It shall now read as follows:

Item No.	Brief Description	Unit of Measure	Quantity
1.	Single phase smart static meters for active energy, 230 V, 5(80) A, 50 Hz	Piece	3,000
2.	Installation & commissioning of Single Phase smart static meters		
3.	Three phase smart static meters for active energy, 3x230/400 V, 10(100) A, 50 Hz	Piece	300
4.	Installation & commissioning of three phase smart static meters for active energy		

5.	Smart meter data concentrators	Piece	300
6.	Installation & commissioning of data concentrators		
7.	Head End system software	Set	1
8.	Head End system server and its accessories	Piece	
9.	One year Head end system maintenance contract	Piece	
10.	Installation & commissioning of HES costs		
11.	Overseas training for six(6) Kenya Power staff		
12.	Local training in Nairobi for twenty (20) Kenya Power staff		
13.	Spare parts (if applicable)		

***NOTES:-**

1. All Tenderers must indicate the type, model (where applicable), dimensions and weight of the goods in their bid documents.
2. All deliveries shall be made to Kenya Power Bulk stores, Nairobi.
3. The delivery schedule shall be in **one lot within 75 days** from the receipt of official Purchase order.