MALAKA DAVIS

PETROLEUM ENGINEERING

17/ENG07/014

300 LEVEL

1. Relevance of engineering law to an engineer gives a working knowledge on how to follow regulations.
2. It also makes engineers stay compliant with government ordinances.
3. Relevance of management in engineering makes an engineer learn how to effectively utilize technical, financial and human resources.
4. They also hone their conceptual skills such as critical thinking, analytical thinking, and problem solving,
5. Relevance of economics to an engineer quantifies the benefits and costs associating with engineering projects to determine if the save enough money to warrant their capital investments.
6. It is also relevant to the design engineer who considers material selection.

QUESTION 2

BILL OF ENGINEERING MEASUREMENT AND EVALUATION(BEME)

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| S/N | ITEMS | QTY |  UNIT PRICE |  TOTAL |
| 1 | WIRELESS ROUTER/AP: IEEE802.11 B/G/N DRAFT 2.0, 2T3R MODES, SUPPORT 64/128-BIT WEP | 1 |  N10,000 |  N10,000 |
| 2 | 2.4GHZ (IEEE 802.11G/B) WIRELESS, 108MBPS PCI CARD | 16 | N2,000 | N32,000 |
| 3 | 16HP/7.5KVA ELECTRIC GENERATOR (FIREMAN OR SANDY BRAND) | 1 | N120,000 | N120,000 |
| 4 | APC SOCKETS EXTENSION WITH SURGE ARREST | 10 | N2,000 | N20,000 |
|  5 |  TOTAL |   |   |  182,000 |