Here is the result after running the query and the query plan:

```
MariaDB [SalesOrdersExample]> SELECT * FROM Vendors WHERE VendZipCode = '98001';
+----------+----------------------+-------------------------+----------+-----------+-------------+-----------------+-----------------+-----------------------+-----
----------------+
| VendorID | VendName             | VendStreetAddress       | VendCity | VendState | VendZipCode | VendPhoneNumber | VendFaxNumber   | VendWebPage           | Vend
EMailAddress    |
+----------+----------------------+-------------------------+----------+-----------+-------------+-----------------+-----------------+-----------------------+-----
----------------+
|        1 | Shinoman, Incorporated | 3042 19th Avenue South | Bellevue | WA        | 98001       | (425) 888-1234  | (425) 888-1235  | #http://www.shinoman.com/# | Sale
s@Shiniman.com  |
+----------+----------------------+-------------------------+----------+-----------+-------------+-----------------+-----------------+-----------------------+-----
----------------+
1 row in set (0.378 sec)

MariaDB [SalesOrdersExample]> EXPLAIN EXTENDED SELECT * FROM Vendors WHERE VendZIpCode = '98001';
+------+-------------+---------+------+---------------+-------------+---------+-------+------+----------+----------------------+
| id   | select_type | table   | type | possible_keys | key         | key_len | ref   | rows | filtered | Extra                |
+------+-------------+---------+------+---------------+-------------+---------+-------+------+----------+----------------------+
|    1 | SIMPLE      | Vendors | ref  | VendZipCode   | VendZipCode | 33      | const | 1    | 100.00   | Using index condition |
+------+-------------+---------+------+---------------+-------------+---------+-------+------+----------+----------------------+
1 row in set, 1 warning (0.003 sec)
```

It can be seen that when the query is entered, the DBMS would look at the index (VendZipCode) and check its condition (VendZipCode = '98001'). Using this, it only checks through rows meet this condition and return them, not needs to check all rows (as we can see, the Vendors table has 10 rows, much more than rows checked by the query):

```
MariaDB [SalesOrdersExample]> SELECT * FROM Vendors;
+----------+----------------------+-------------------------+-------------+-----------+-------------+-----------------+-----------------+------------------------------
---+------------------------------+
| VendorID | VendName             | VendStreetAddress       | VendCity    | VendState | VendZipCode | VendPhoneNumber | VendFaxNumber   | VendWebPage
   | VendEMailAddress             |
+----------+----------------------+-------------------------+-------------+-----------+-------------+-----------------+-----------------+------------------------------
---+------------------------------+
|        1 | Shinoman, Incorporated | 3042 19th Avenue South | Bellevue    | WA        | 98001       | (425) 888-1234  | (425) 888-1235  | #http://www.shinoman.com/#
   | Sales@Shiniman.com           |
|        2 | Viscount             | 1911 Commerce Way       | St. Louis   | MO        | 63127       | (314) 777-1234  | (314) 777-1235  | #http://www.viscountbikes.com
/# | Orders@ViscountBikes.com     |
|        3 | Nikoma of America    | 88 Old North Road Ave   | Ballard     | WA        | 91324       | (206) 666-1234  | (314) 666-1235  | #http://www.nikomabikes.com/#
   | BuyBikes@NikomaBikes.com     |
|        4 | ProFormance          | 29 N. Quail St.         | Albany      | NY        | 12012       | (518) 444-1234  | (518) 444-1235  | #http://www.ProFormBikes.com/
#  | Sales@ProFormBikes.com       |
|        5 | Kona, Incorporated   | PO Box 10429            | Redmond     | WA        | 98052       | (425) 333-1234  | (425) 333-1235  | #http://www.konabikes.com/#
   | Sales@KonaBikes.com          |
|        6 | Big Sky Mountain Bikes | Glacier Bay South     | Anchorage   | AK        | 99209       | (907) 222-1234  | (907) 222-1235  | NULL
   | NULL                         |
|        7 | Dog Ear              | 575 Madison Ave.        | New York    | NY        | 10003       | (212) 888-9876  | (212) 888-9877  | NULL
   | NULL                         |
|        8 | Sun Sports Suppliers | PO Box 8082             | Santa Monica | CA       | 91003       | (310) 777-9876  | (310) 777-9877  | NULL
   | NULL                         |
|        9 | Lone Star Bike Supply | 7402 Kingman Drive     | El Paso     | TX        | 79915       | (915) 666-9876  | (915) 666-9877  | NULL
   | NULL                         |
|       10 | Armadillo Brand      | 12330 Side Road Lane    | Dallas      | TX        | 75137       | (214) 444-9876  | (214) 444-9877  | #http://www.DilloBikes.com/#
   | BikeProducts@DilloBikes.com  |
+----------+----------------------+-------------------------+-------------+-----------+-------------+-----------------+-----------------+------------------------------
---+------------------------------+
10 rows in set (0.002 sec)
```