**QUOTATION**

Quotation no: Hotel Linda 119

Date 30/05/2022

**To**

**Hotel Linda**

**Goa**

Dear Sir,

Kindly check the quotation as per your requirement.

|  |  |
| --- | --- |
| **100 KVA SILENT “PAIKANE” DIESEL GENSET** | |
|  |  |
| **DIESEL GENERATOR (DG) SET DETAILS** | |
| GENSET MODEL | PKGVE-100 |
| RATING ( PRIME / STANDBY ) | Prime |
| KVA | 100 |
| 100 PHASE, FREQUENCY, VOLTAGE | 3 PHASE 4 WIRE , 50 Hz, 415V |
| RATED SPEED (RPM) | 1500 |
| POWER FACTOR | 0.8 |
| CONTROL VOLTAGE | 12 VDC |
| FUEL TYPE | HIGH SPEED DIESEL (HSD) |
| GENSET DIMENSION (L X B X H) | 3400 x 1200 x 1500 |
| GENSET WEIGHT (KG) | 1680 |
|  |  |
| **ENGINE DETAILS** | |
| MAKE & MODEL | VECV |
| STARTING | ELECTRIC, 12 V DC, BATTERY: 1 x 100 AH |
| POWER RATING (HP) | 156 |
| CYLINDER CONFIGURATION | Inline, 6 |
| CYCLE | 4 stroke |
| DISPLACEMENT (Lts) | 5.7 |
| INDUCTION SYSTEM | Naturally aspirated |
| COOLING SYSTEM | Watercooled |
| ENGINE GOVERNOR | Mechanical |
|  |  |
| **ALTERNATOR DETAILS** | |
| MAKE | STAMFORD |
| KVA | 100 |
| NO OF POLES | 4 |
| TYPE OF BEARING | SINGLE BEARING |
| VOLTAGE REGULATION | +/- 1% |
| EXCITATION TYPE | BRUSHLESS |
| INSULATION | CLASS H |
| ENCLOSURE PROTECTION (IP) | 23 |
| OVERLOAD | AN OVERLOAD OF 10% PERMITTED FOR 1 HOUR IN EVERY 12 HOURS OF OPERATION |
|  |  |
| MAJOR COMPONENTS OF DG | 1. ENGINE |
| 2. ALTERNATOR |
| 3. ACOUSTIC ENCLOSURE |
| 4. GENSET SKID BASE |
| 5. ANTI-VIBRATION MOUNTS |
| 6. INTEGRAL FUEL TANK |
| 7. EXHAUST SYSTEM - ( BELLOW & SILENCER WITH PIPING BETWEEN BELLOW & SILENCER ) |
| 8. CONTROL PANEL |
| 9. BATTERIES |
| DG PROTECTION FEATURES | 1. LOW LUBE OIL PRESSURE |
| 2. HIGH WATER TEMPERATURE |
| 3. EMERGENCY STOP |
| PANEL COMPONENTS | COMMON: DG CONTROLLER, RELAYS & CONTROL MCBS / FUSE, CURRENT TRANSFORMERS - VA10- CL.1--/5 |
| IN MANUAL: MCCB- 3P FOR POWER CIRCUIT FOR DG --- 1 NO. |
| IN AMF-LOGIC: BATTERY CHARGER included; MCCB excluded |
| IN AMF-ATS: BATTERY CHARGER + CONTACTORS FOR DG & MAINS + MCCB for DG & MAINS |

**PRICES, TERMS AND CONDITIONS**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **1. Price** | | | | |
| **SR NO** | **ITEM DESCRIPTION** | **QTY** | **PRICE** | **AMOUNT** |
| 1 | SUPPLY OF PAIKANE SILENT DG KVA: 100 KVA ENGINE: VECV ALTERNATOR: STAMFORD PANEL: AMF LOGIC PANEL | 1 | 775000 | 775000 |
| **TOTAL** | | | | **775000** |
| **CGST 9%** | | | | **69750** |
| **SGST 9%** | | | | **69750** |
| **GRAND TOTAL** | | | | **914500** |

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Installation and commissioning items for 100KVA** | | | | |
| **SR NO** | **ITEM DESCRIPTION** | **QTY** | **PRICE** | **AMOUNT** |
| 1 | Chemical Earthing Including Electrode & Chemical Powder Complete With Excavation & Refilling As Per Is3043 | 4 | 9000 | 36000 |
| 2 | Earthing Strip GI 25 x 3 mm | 1 | 210 | 210 |
| 3 | Supply & laying of 16 sqmm flexible Cable | 1 | 230 | 230 |
| 4 | Termination of above | 1 | 84 | 84 |
| 5 | Supply & Laying 3.5Core x 95 Sq mm, Al, Armoured cable | 1 | 930 | 925 |
| 6 | End Termination for 95 Sq mm. | 1 | 1680 | 1680 |
| 7 | Supply & Laying 6Core x 1.5 Sq mm, CU, Control cable | 1 | 330 | 330 |
| 8 | End Termination for 1.5Sq mm | 1 | 300 | 300 |
| 9 | Supply & laying flexible pvc pipe | 1 | 60 | 60 |
| 10 | Transportation of DG Set | 1 | 7800 | 7800 |
| 11 | Unloading of DG Set | 1 | 8400 | 8400 |
| 12 | Electrical Permission | 1 | 21600 | 21600 |
| 13 | Commissioning of DG Set | 1 | 20000 | 20000 |
| **TOTAL** | | | | **97619** |
| **CGST 9%** | | | | **8785.71** |
| **SGST 9%** | | | | **8785.71** |
| **GRAND TOTAL** | | | | **115190.42** |

**Client scope:**

Scaffolding wherever required to be provided.

Electrification wherever necessary to be provided.

Fabrication like poles etc. to be provided.

Fabricated poles if required to be provided.

Civil work if required.

Civil Foundation is client’s scope.

**Payment Terms**

100 % Advance

**Terms & conditions apply**.

Quotation valid for 10 days only.

Any extra item if required to be charged as actual.

Warranty as per manufacturer not valid in case of surges, fluctuation, lightening etc.to be claimed directly with the

manufacturer without involving JP TECHATRONICS.

Solution done as per recommendation and request by client hence, JP TECHATRONICS or its employees should not be held responsible for any kind of malfunctioning of the system for any reasons.

Services like data backup, searching footage, port forwarding etc. to be charged as actuals.

Service calls post installation to be charged as actuals.