**Section VII**

**TECHNICAL SPECIFICATIONS**

*Procuring Entity: City Government of Tabaco City*

*Contract ID No.: 010-05-2019-GOODS*

*Name of the Project: Supply & Delivery of Brand New Hydraulic Excavator*

*Location of the Project: CENRO, Tabaco City*

***Technical Specifications***

Bidders must state here either “Comply” or any equivalent term in the column “Bidder’s Statement of Compliance” against each of the individual parameters of each “Specification”. Brand of the item offered, if applicable, shall likewise be indicated in the column provided.

|  |  |  |  |
| --- | --- | --- | --- |
| **Item No.** | **Specification** | **Bidder’s Statement of Compliance** | **Brand** |
| **1** | **One Unit Brand New Hydraulic Excavator** |  |  |
|  | Crawler Type |  |  |
|  | Engine Models : CUMMINS B3.9-C or its equivalent |  |  |
|  | Operating Weight: at least 14,000 kg |  |  |
|  | Bucket Capacity: minimum of 0.50 cu.m |  |  |
|  | **Engine:** |  |  |
|  | Engine Power (KW/rpm) : at least 86/2200 |  |  |
|  | Rated Torque : at least 424N.m/1600rpm |  |  |
|  | Displacement : at least 3.9 L |  |  |
|  | Main Pump : Axial Variable Piston Pump |  |  |
|  | Max. Flow of System: 120 x 2 L/min |  |  |
|  | Max. Pressure of implements : 34.3 Mpa |  |  |
|  | Max. Pilot Pressure : 3.9L |  |  |
|  | Swing Motor: Piston type (with safety valve and closed type brake) |  |  |
|  | **Hydraulic System:** |  |  |
|  | Swing Speed: at least 11.9 rpm |  |  |
|  | Travel Motor: Piston type (with safety valve and closed type brake) |  |  |
|  | Travel Speed: at least 3.34/5.6km/h |  |  |
|  | Gradeability: 35 deg (70%) |  |  |
|  | Max. Traction: 113KN |  |  |
|  | Max. Arm Digging Force: 75KN |  |  |
|  | Max. Bucket Digging Force: 116KN |  |  |
|  | **Fluid Capacity:** |  |  |
|  | Fuel Tank: at least 270L |  |  |
|  | Hydraulic Tank: at least 159L |  |  |
|  | Standard track shoes width: 500 mm |  |  |
|  | **Electrical System:** |  |  |
|  | - System Voltage: 24V |  |  |
|  | - Battery Capacity: 12V.120Ahx2 |  |  |
|  | Body: Air Conditioned |  |  |
|  | With Installed vinyl sticker of LGU Logo and name on 4 side, “CENRO Tabaco City” |  |  |
|  | Warranty: at least 3000 hours or 2 years warranty service and parts whichever comes first |  |  |
|  | After Sales Service: |  |  |
|  | 1. Supply, Delivery, Testing Commissioning and Positioning   of the equipment onsite with free training and orientation forthe operation and maintenance |  |  |
|  | 1. With complete Tools and Accessories |  |  |

I hereby certify to comply with all the above Technical Specifications.

Name of the Company/Bidder Signature over Printed Name Date

of Authorized Representative