Section II: Schedule of Requirements and Technical Specifications

eSourcing reference: ITB/2021/21389

1) Summary of Requirements

UNOPS requirements are the Buses as the 5 Categories listed in the table below. Bidders at their own discretion may bid for any Category, combination of Categories or all the Categories. Bidders may offer either or both sub-categories of i. ex factory (made-to-order) and ii. ex stock, and right-hand drive (RHD), left-hand drive (LHD) or both. Quantities are undefined. UNOPS will not be committed to purchase any minimum quantity of the Goods, and purchases will be made only if and when there is an actual requirement.

**Buses**

|  |  |
| --- | --- |
| **Category** | **Description** |
| Category 1 | Bus, All road, 4x2, capacity min 50 seats for all roads |
| Category 2 | Bus, Inter-City, 4x2, capacity min 50 seats for tarmac roads |
| Category 3 | Bus, City, 4x2, diesel, capacity min 25 seats + min 50 standing passengers |
| Category 4 | Bus, City, 4x2, LPG/Autogas, capacity min 25 seats + min 50 standing passengers |
| Category 5 | Bus, City, 4x2, CNG, capacity min 25 seats + min 50 standing passengers |

For all 5 categories the offered vehicles must be **factory new and latest models**.

**Sub-categories, (delivery time):**

**i) Ex-factory delivery (made-to-order): Delivery time to FCA point more than 3 weeks**

**ii) Ex-stock delivery: Delivery time to FCA point maximum 3 weeks**

**All ex-factory items must be straight from the production line.**

If bidding for **ex-stock** items, **the supplier must maintain at least one unit in stock of any of the awarded models at any time**. In case of ex-stock delivery, the age of the bus must be max. 12 months old counted from date of manufacture and until date of FCA delivery.

**Delivery requirements:**

Suppliers shall quote delivered to FCA named main seaport (Incoterms 2020) as per the predefined seaports on the UN Web Buy Plus Tender portal per Country of Supply.

**2) Technical specifications for Goods**

UNOPS’ MINIMUM specifications are as detailed below. Each Category must include all standard features and all standard equipment listed. All deviations to UNOPS requirements must be clearly stated by the Bidder for each Category offered by adding explanations in the relevant field on Form C: Technical Bid Form (with attachments, if necessary) to be submitted with the bid.

**Full technical details and prices of all offered items including options and options packages must be entered in UN Web Buy Plus Tender Portal. Quantity discounts and intervals must also be entered.**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Category | 1 | 2 | 3 | 4 | 5 |
| Description | Bus, All road, 4x2, capacity min 50 seats, all road type | Bus, Inter-City, 4x2, capacity min 50 tarmac inter-city type seats | Bus, City, 4x2, capacity min 25 seats + 25 standing, Diesel | Bus, City, 4x2, capacity min 25 seats + 25 standing, LPG/AutoGas | Bus, City, 4x2, capacity min 25 seats + 25 standing, CNG |
| Transmission | Manual or automatic | Manual or automatic | Automatic | Automatic | Automatic |
| Power, diesel, min (HP) | 180 | 180 | 180 | N/A | N/A |
| Power, LPG, min (HP) | N/A | N/A | N/A | 180 | N/A |
| Power, CNG, min (HP) | N/A | N/A | N/A | N/A | 180 |
| Traction, min. | 4x2 | 4x2 | 4x2 | 4x2 | 4x2 |
| No. of seats, incl. driver, min | 50 | 50 | 25 + 50 standing | 25 + 50 standing | 25 + 50 standing |
| No. of doors, min | 1 | 1 | 2 | 2 | 2 |

**A. Minimum Mandatory Standard Equipment**

All buses to be considered in one of the standard categories must include the minimum standard equipment detailed below for each category **at no additional cost**. Should one or any of the following standard equipment be missing, UNOPS **reserves the right to reject the offer**.

Mandatory options are also listed for all Categories and these items will be considered for financial evaluation purposes only.

The ‘Desirable options’ listed for some categories are not part of the minimum mandatory equipment but options that UNOPS would like to receive offers for as optional equipment (see section C, Options).

**Colours of vehicles/containers:** White is mandatory, additional colour options appreciated.

**Category 1 – 5 :** Bus - All road, Inter-City, City, diesel, LPG, CNG

|  |  |
| --- | --- |
| **All buses (Categories 1-5)**  Bus - All road, Inter-City, City, diesel, LPG, CNG  Air extracting system in cabin (except if A/C full cabin is included)  Clock, large, inside cabin  Door mirrors, left & right  Emergency exits, 4, min  Fire extinguisher, 5 kg. min  First aid kit  Fully road legal light system  Headrests, driver, min.  Heater & defroster, min.  Lockable fuel tank lid/cap  Owner’s manual | Passenger door(s) open/close remote function from driver seat.  Power steering  Power outlet 12 V x 1 min.  Radio AM/FM w/ 1 speaker & USB  Roof hatch, 1, min.  Seat belts, all seats – except for City Buses  Side windows to be opened for ventilation (except if A/C full cabin is included)  Spare wheel, full size  Sun visors, 2 pcs.  Tool kit with jack  Towing eye/hook, front & rear  Warning triangle |
| **For Inter City bus (Category 2)** in addition to above ‘All buses’:  A/C (non-CFC) full cabin mandatory. | |
| **For City bus (Categories 3, 4 and 5)** in addition to above ‘All buses’:  Destination signs, front and rear, electronic, min.  Low entrance/exit and flat floors inside - hence truck chassis not accepted.  Mirrors or monitor for driver to monitor rear door and rear cabin.  Stop press buttons inside bus, min 6 or strings both sides, with bell/buzzer and illuminated sign.  Poles distributed in the bus cabin for passengers to hold on, stainless steel, chromed steel or aluminium. | |
| **MANDATORY OPTIONS (will be taken into account in Financial Evaluation) - please enter prices in Annex II**  **Category 1 and 2: (All road bus; Inter City bus)**  a) Additional full size spare wheel  b) Rear pintle hook and/or hitch ball drawbar for trailer with electric connections  c) Radio AM/FM with several speakers, USB and microphone for announcements inside bus.  **Category 3, 4 and 5: (City bus)**  a) Additional full size spare wheel ii) Ramps for wheel-chair access  b) Ramps for wheelchair access  c) Radio AM/FM with several speakers, USB and microphone for announcements inside bus.  **Failure to provide prices for Mandatory options in a Category will lead to the offer NOT being considered.** | |
| **Desirable options, if not standard:** Air condition (non-CFC) in entire bus cabin if not already standard. Retarder. ABS brakes. Mirrors or monitor to view outside rear and front of bus. Please see D. Options after this section. | |

**B. Standard equipment**

Standard equipmentmust be entered in the electronic UN Web Tender module. The following standard equipment list is displayed in UN Web Tender module, but it is only a guide list and not mandatory unless mentioned in section A above under each category as Minimum Mandatory Standard Equipment. Please feel free to add any relevant standard equipment. If specific standard equipment is not mentioned, please add it in the electronic UN Web Tender module with your own wording.

Air bag, driver

ABS brakes

Air condition (non-CFC) in entire bus cabin

Air filter, additional, dusting conditions

Battery, enlarged (xx Ah)

Clock (if not standard)

Differential lock, rear

Driver seat, suspended

Front under view mirrors

Fuel filter, dual

Fuel tank enlarged to xx Litre

Fuel tank, additional to xx Litre

Full size spare wheel, additional

Headlamps, halogen

Head lamps, LED

High Altitude Compensator (HAC)

Immobilizer

Immobilizer with alarm

Lamp protection, front & rear

Lockable fuel tank lid

Lockable glove box

Lockable wheel nuts

Mirrors or monitor to view outside rear and front of bus

Mudguards, front & rear

Owner’s manual, Arabic

Owner’s manual, English

Owner’s manual, French

Owner’s manual, Spanish

Pintle hook, front

Pintle hook, rear

Potable water tanker, 3 sections & 3 manholes with filling port & gauge

Power lock, all doors

Power outlet 12 V, additional

Radio AM/FM & 2 speakers, USB

Radio AM/FM with USB & microphone & loud speaker(s) (bus)

Rear bumper

Rear electric 7 or 13 -pin outlet for trailer

Reversing buzzer warning

Roof hatch, additional (bus)

Roof rack (bus)

Rust protected

Snorkel/raised air intake

Spare parts catalogue

Spare parts kit, 2 year

Steering wheel, tiltable

Tachograph (electronic log book)

Ticketing system

Tubes, additional, set for all tyres

Tyre inflation pump (electric)

Windows, side, to be opened (bus)

Warning triangle, additional

Workshop manual, Arabic

Workshop manual, English

Workshop manual, France

Workshop manual, Spanish

**C. Options**

Options must be entered in the electronic UN Web Tender module. An optional equipment list is not displayed in UN Web Tender module. please feel free to add any relevant options.

As per B. Guide list for Standard equipment seen above, if not standard.

**D. Spare Parts**

The Bidder must ensure the availability of spare parts for a period of at least five (5) years from date of delivery.

**E. Spare Parts Kits Proposal**

A standard spare parts kit with consumables should be developed for each offered model, although this is not mandatory. The tentative proposal below shall be reviewed and further developed by manufacturer's spare parts specialists and must be in accordance with the specific vehicle.

Following is a tentative selection of parts and expendables for 2 years of normal use.

|  |  |
| --- | --- |
| ENGINE | Air filter (2 pcs.)  T-belt (1 pc) (where applicable)  Belt drive (1 set)  V Belts (2 pcs.) (where applicable)  Fuel filter (5 pcs.)  Gasket & seal kit (1 set)  Oil filter (10 pcs.)  Glove plugs (1 set)  Thermostat (1 pc.)  Clutch disc assembly (1 set) (where applicable)  Oil seals (1 set) |
| SUSPENSION | Shock absorbers, front (2 pcs.) (where applicable)  Shock absorbers, rear (2 pcs.) (where applicable) |
| BRAKES | Brake pad kit (2 sets) (where applicable)  Brake shoe kit (2 sets) (where applicable)  Brake piston kit (2 sets) (where applicable) |
| COOLING/HEATING | Radiator hose kit (2 pcs.)  Water pump (1 pc.)  Hose clips (1 set.) |
| ELECTRICS | Headlamp (2 pcs.)  Bulbs (2 sets)  Fuses (2 sets)  Wiper blades (2 sets) (where applicable) |
| SUPER STRUCTURE/APPLICATION | According to each category 1 – 5. |

**F. Warranty Terms and Local After Sales Representation**

A minimum of 12 months/50,000 km whichever occurs first including any superstructure/application and any options and spare parts procured with the vehicle. Bidders are encouraged to offer a more comprehensive warranty.

Bidders are also encouraged to provide maintenance plans, e.g. 2 years, 5 years or according to km.

**Bidders shall demonstrate having a worldwide distributor network** with an authorised presence and full warranty and after sales service **in a minimum of 30 countries,** and **shall submit a list of distributors with names and contact** details. The nominated local distributor shall be responsible for warranty and repair of the base vehicle, any conversion, and all additional equipment. Failure to demonstrate the required extent of worldwide coverage with full warranty and after sales service may exclude the make from further evaluation.

**The Bidder shall enter in the UN Web Buy Plus Tender portal details of all countries where warranty is available, and all countries where the bidder or manufacturer of the base equipment has local representation for after sales service.**

**G. Freight dimensions, weight and volume:**

When entering data in the UN Web Buy Tender site, suppliers must provide shipping data such as dimensions and weight for each and every model version offered. In the event of an order where UNOPS utilizes its own freight forwarder, awarded suppliers will be required to cover additional freight costs should actual weight/volume exceed the initial bid statement.

**H. Replacement model versions:**

In the event an LTA is signed and during the term of this LTA a direct replacement model is introduced by the vehicle manufacturer, the successful bidder shall submit all relevant details including pricing information for UNOPS’s consideration and approval. However, UNOPS is not obliged to accept any offer for replacement models.

**I. Quantity Discounts**

## Bidders are requested to confirm whether they offer quantity discounts by answering the question in the E-sourcing Questionnaires. Bidders offering quantity discounts shall enter the percentage discount and the applicable quantity intervals at their discretion in the UN Web Buy Plus Tender Portal. Quantity Discounts will be taken into account in the Financial Evaluation as described in ‘Evaluation Details’ in the ITB. Additionally, UNOPS Clients will make a best value for money assessment at the time of selection of the equipment and quantity through the comparison of available offers in the UN Webbuy Plus catalogue where these discounts will be taken into account.

**J. Sustainability**

As part of its commitment to sustainability, UNOPS would like to raise awareness of the following issues:

VOCs:Bidding organizations are encouraged to include any relevant information regarding their stance on reducing Volatile Organic Compounds (VOCs) in their products. Please include in your presentation any available information on:

* Measure VOCs in your products
* Implemented or planned initiatives to reduce VOCs and their results

Conflict Minerals:Bidding organizations are encouraged to include any relevant information regarding their stance on tracing and eliminating conflict minerals from their products:

* Whether the organization has a corporate policy on conflict minerals
* What the organization is doing to identify, trace and eliminate the presence of conflict minerals in their input materials
* What progress has been achieved to date since these efforts were initiated

**K. Latin American countries**

UNOPS wishes to make bidders pay special attention to deliveries to Latin American countries, which has a large potential for suppliers. Please observe that many Latin American countries have restrictions on Heavy Trucks to be imported, e.g. emissions, light systems etc.

**L. Inspection and Tests:**

## UNOPS or its representative is entitled to inspect and/or test any or all of the Goods to confirm conformity to the Contract prior to dispatch from the manufacturer’s premises. Such inspection and clearance will not prejudice the right of the consignee to inspect and test the Goods on receipt at destination. If the Goods fail to meet UNOPS’ specifications, the supplier shall take immediate steps to remedy the deficiency or replace the defective Goods to the satisfaction of the Purchaser.