**Section II: Schedule of requirements**

E-Sourcing reference no: RFQ/2023/48787

1. **Summary of Requirements for the supply of construction vehicles, machinery and equipment to Ukraine.**

**UNOPS requirements are comprised of the following 7 (seven) lots:**

**Lot 1. Trawls (low bed semi trailer) and semi trailers including the below items:**

1.1. Trawl (low bed semi trailer) with a carrying capacity of 75 tons - 1 PCS

1.2. Trawl (low bed semi trailer) with a carrying capacity of 45 tons - 2 PCS

1.3. Semi-trailer (12m) - 3 PCS

**Lot 2. Various tractor units and trucks (all the trucks and tractor units proposed under the lot must be on the chassis of the same brand)**

**2.1. Tractor Units including the below items:**

2.1.1. Tractor unit (tracker) capable of transporting 60 t on trailer - TRACTOR IVECO TRAKKER AT720T42 or a similar model to IVECO Trakker or a model from another brand with the same or better technical characteristics - 2 PCS

2.1.2. Tractor unit (tracker) capable of transporting 90 t on trailer - IVECO Trakker AT AD 720T48 TH Euro 5 Truck Unit or a similar model to IVECO Trakker or a model from another brand with the same or better technical characteristics - 1 PCS

**2.2. Dump truck. Dump truck with minimum 20 tons capacity - Iveco Trakker AD380T41H 6x4 Dump Truck or a similar model to IVECO Trakker or a model from another brand with the same or better technical characteristics - 4 PCS**

**2.3. Truck concrete mixer. Truck concrete mixer min. 7 m3 on Iveco TRAKKER AD380T38H 6x4 chassis or a similar model to IVECO Trakker or a model from another brand with the same or better technical characteristics - 2 PCS**

**2.4. Vehicle for transporting workers and tools on the IVECO chassis or a model from another brand with the same or better technical characteristics - 5 PCS**

**Lot 3. Truck concrete mixer with a concrete pump - 1 PCS**

**Lot 4. Mobile crane. Mobile crane GROVE GMK 3050-3 with a load capacity of 50 tons (or equivalent model with the same or better technical characteristics) - 1 PCS**

**Lot 5. Bulldozer Shantui DH17 (or equivalent model with the same or better technical characteristics) - 3 PCS**

**Lot 6. Hydraulic jacks including the below items:**

6.1. Hydraulic jack 200 tons (DG200P150 rod stroke 150mm or equivalent model with the same or better technical characteristics) - 4 PCS

6.2. Hydraulic jack 100 tons (DG100P150 rod stroke 150mm or equivalent model with the same or better technical characteristics) - 5 PCS

**Lot 7. Concrete formwork PERI\* (400 m2) - 1 PCS**

**B. Technical specifications for Goods – Comparative Data Tables**

**Lot 1. Trawls (low bed semi trailer) and semi trailers**

| **N** | **UNOPS minimum technical requirements**  **Мінімальні технічні вимоги UNOPS** | **Is Bid Compliant? Bidder to complete** | **Details of the offered goods. Bidder to complete** |
| --- | --- | --- | --- |
| **1** | **Trawl with a carrying capacity of minimum 75 tons - 1 PCS** | ☐ Yes ☐ No |  |
| 1.1 | Capacity - minimum 75,000kg | ☐ Yes ☐ No |  |
| 1.2 | Weight - maximum 15,000kg | ☐ Yes ☐ No |  |
| 1.3 | Min Deck Dimensions: 19m x 3.2 m | ☐ Yes ☐ No |  |
| 1.4 | Max Deck Height: 900mm | ☐ Yes ☐ No |  |
| 1.5 | Mechanical Ramps: hydraulic operation | ☐ Yes ☐ No |  |
| 1.6 | Additional Storage Boxes | ☐ Yes ☐ No |  |
| 1.7 | Removable Aluminium Sides | ☐ Yes ☐ No |  |
| 1.8 | 3.5 inch coupling | ☐ Yes ☐ No |  |
| 1.9 | Trawl must be compatible with IVECO Trakker AT AD 720T48 TH Euro 5 Truck Unit or similar model to IVECO Trakker or a model from another brand with the same or better technical characteristics | ☐ Yes ☐ No |  |
| **2** | **Trawl with a carrying capacity of minimum 45 tons - 2 PCS** | ☐ Yes ☐ No |  |
| 2.1 | Capacity - minimum 45,000kg | ☐ Yes ☐ No |  |
| 2.2 | Weight - maximum 9,200kg | ☐ Yes ☐ No |  |
| 2.3 | Min Deck Dimensions: 14.4m x 3.2 m | ☐ Yes ☐ No |  |
| 2.4 | Max Deck Height: 760mm | ☐ Yes ☐ No |  |
| 2.5 | Mechanical Ramps: hydraulic operation | ☐ Yes ☐ No |  |
| 2.6 | Additional Storage Boxes | ☐ Yes ☐ No |  |
| 2.7 | Removable Aluminium Sides | ☐ Yes ☐ No |  |
| 2.8 | 3.5 inch coupling | ☐ Yes ☐ No |  |
| 2.9 | Trawl must be compatible with IVECO TRAKKER AT720T42 Truck Unit or similar model to IVECO Trakker or a model from another brand with the same or better technical characteristics | ☐ Yes ☐ No |  |
| **3** | **Semi-trailer (12m) - 3 PCS** | ☐ Yes ☐ No |  |
| 3.1 | Trailer Capacity - minimum 27,000kg | ☐ Yes ☐ No |  |
| 3.2 | Max Gross Trailer Weight: 39,000kg | ☐ Yes ☐ No |  |
| 3.3 | Length: from 12.5 to 13.67 m | ☐ Yes ☐ No |  |
| 3.4 | Width: from 2.5 to 2.58 m | ☐ Yes ☐ No |  |
| 3.5 | 5th Wheel Height at least 1.18m | ☐ Yes ☐ No |  |
| 3.6 | Load Lashing Rings with min 2,500kg capacity | ☐ Yes ☐ No |  |
| 3.7 | Flooring capable of supporting 5,460kg forklift axle load in compliance with DIN EN 283 | ☐ Yes ☐ No |  |
| 3.8 | Anti-lock Braking System(ABS) and rolling control system suitable for UN ECE R13 regulation. | ☐ Yes ☐ No |  |
| 3.9 | Trawl must be compatible with IVECO TRAKKER AT720T42 Truck Unit or similar model to IVECO Trakker or a model from another brand with the same or better technical characteristics | ☐ Yes ☐ No |  |
| **4** | **General requirements for items 1, 2 and 3** | ☐ Yes ☐ No |  |
| 4.1 | Bid includes brand/model of the goods and manufacturer's technical literature/catalogue, all confirming that the offered items comply with required specifications. | ☐ Yes ☐ No |  |
| 4.2 | Bidder or producer of the vehicle must have a representative office in Ukraine that provides after sale service available in Ukraine or agreement with the local representative of the producer or service company that can provide maintenance of the vehicle. Bidder must provide contact details of the service centre as well as confirmation from the service centre that it will provide after sale services for the proposed vehicle. | ☐ Yes ☐ No |  |
| 4.3 | Warranty for the frame structure: 3 years or 150 000 km of mileage. Warranty must include manufacturing defects and labour charges. | ☐ Yes ☐ No |  |
| 4.4 | Warranty service. The name of the company, address, telephone- and fax numbers, e-mail address must be mentioned in the bid. The service centre shall have at least one certified engineer in its staff. | ☐ Yes ☐ No |  |
| 4.5 | Technical documentation for maintenance and repair of the supplied goods. The minimum set of technical documents to be provided with each piece of equipment delivered is the following: • User Manual and Operating Instructions (in Ukrainian) • Technical Certificate / maintenance guidelines (in Ukrainian or English). All tags/labels on the equipment shall be in English or Ukrainian language. | ☐ Yes ☐ No |  |
| 4.6 | Please provide shipping dimension: L x W x H, as well as Kerb/shipping weight in kg. | ☐ Yes ☐ No |  |
| 4.7 | Bid includes the Country of origin of the goods and FCA point of delivery. | ☐ Yes ☐ No |  |

**C.1. Delivery requirements for Lot 1**

| **UNOPS Requirements** | | **Is the bid compliant?** Bidder to complete | **Details**  Bidder to complete |
| --- | --- | --- | --- |
| **Delivery time** | **Bidders shall deliver and unload the goods as soon as possible. Bidders must provide realistic delivery time for the proposed goods.**  **DDP Incoterms: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_calendar days from the date of PO signature.**  Partial delivery of the items on batches within this period is acceptable. | ☐Yes ☐ No |  |
| **Delivery place and Incoterms rules** | DDP, Lviv, Ukraine.  The bidder will be responsible for covering the demurrage costs, if any. | ☐Yes ☐ No |  |
| **Consignee details** | Delivery address and consignee details will be provided to the successful Bidder(s) | ☐Yes ☐ No |  |

**Lot 2. Various tractor units and trucks (all the trucks and tractor units proposed under the lot must be on the chassis of the same brand)**

| **N** | **UNOPS minimum technical requirements** | **Is Bid Compliant? Bidder to complete** | **Details of the offered goods. Bidder to complete** |
| --- | --- | --- | --- |
| **2** | **Various tractor units and trucks (all the trucks and tractor units proposed under the lot must be on the chassis of the same brand)** | ☐ Yes ☐ No |  |
| **2.1** | **Tractor Units** |  |  |
| **2.1.1** | **Tractor unit (tracker) capable of transporting 60 t on trailer - TRACTOR IVECO TRAKKER AT720T42 \***or similar model to IVECO Trakker or a model from another brand with the same or better technical characteristics **- 2 PCS** | ☐ Yes ☐ No |  |
| 2.1.1.1 | Steering Orientation: LHD | ☐ Yes ☐ No |  |
| 2.1.1.2 | Number of doors – 2 | ☐ Yes ☐ No |  |
| 2.1.1.3 | Rear view mirrors, left and right side | ☐ Yes ☐ No |  |
| 2.1.1.4 | Cooling system – water | ☐ Yes ☐ No |  |
| 2.1.1.5 | Aspiration – turbo | ☐ Yes ☐ No |  |
| 2.1.1.6 | Power output (HP) - minimum 480 | ☐ Yes ☐ No |  |
| 2.1.1.7 | Fuel type - Diesel | ☐ Yes ☐ No |  |
| 2.1.1.8 | Fuel tank capacity (Ltr.) - minimum 300 | ☐ Yes ☐ No |  |
| 2.1.1.9 | Emissions standard - minimum EURO 5 | ☐ Yes ☐ No |  |
| 2.1.1.10 | Transmission type – manual | ☐ Yes ☐ No |  |
| 2.1.1.11 | Traction - 6x4 | ☐ Yes ☐ No |  |
| 2.1.1.12 | Lockable fuel tank lid/cap | ☐ Yes ☐ No |  |
| 2.1.1.13 | Power steering | ☐ Yes ☐ No |  |
| 2.1.1.14 | Seat belts all seats | ☐ Yes ☐ No |  |
| 2.1.1.15 | Air condition non-CFC and heater | ☐ Yes ☐ No |  |
| 2.1.1.16 | The vehicle must be compliant with all applicable in the EU and/or Ukraine safety and security regulations. | ☐ Yes ☐ No |  |
| 2.1.1.17 | The total permissible weight of the road train - not less than 60,000 kg | ☐ Yes ☐ No |  |
| 2.1.1.18 | Batteries: 2 x 12v, 170 Ah | ☐ Yes ☐ No |  |
| **2.1.2** | **Tractor unit (tracker) capable of transporting 90 t on trailer - IVECO Trakker AT AD 720T48 TH Euro 5 Truck Unit or similar model to IVECO Trakker or a model from another brand with the same or better technical characteristics - 1 PCS** | ☐ Yes ☐ No |  |
| 2.1.2.1 | Steering Orientation: LHD | ☐ Yes ☐ No |  |
| 2.1.2.2 | Number of doors – 2 | ☐ Yes ☐ No |  |
| 2.1.2.3 | Rear view mirrors, left and right side | ☐ Yes ☐ No |  |
| 2.1.2.4 | Cooling system – water | ☐ Yes ☐ No |  |
| 2.1.2.5 | Aspiration – turbo | ☐ Yes ☐ No |  |
| 2.1.2.6 | Power output (HP) - minimum 480 | ☐ Yes ☐ No |  |
| 2.1.2.7 | Fuel type - Diesel | ☐ Yes ☐ No |  |
| 2.1.2.8 | Fuel tank capacity (Ltr.) - minimum 300 | ☐ Yes ☐ No |  |
| 2.1.2.9 | Emissions standard - minimum EURO 5 | ☐ Yes ☐ No |  |
| 2.1.2.10 | Transmission type – manual | ☐ Yes ☐ No |  |
| 2.1.2.11 | Traction - 6x4 | ☐ Yes ☐ No |  |
| 2.1.2.12 | Lockable fuel tank lid/cap | ☐ Yes ☐ No |  |
| 2.1.2.13 | Power steering | ☐ Yes ☐ No |  |
| 2.1.2.14 | Seat belts all seats | ☐ Yes ☐ No |  |
| 2.1.2.15 | Air condition non-CFC and heater | ☐ Yes ☐ No |  |
| 2.1.2.16 | The vehicle must be compliant with all applicable in the EU and/or Ukraine safety and security regulations. | ☐ Yes ☐ No |  |
| 2.1.2.17 | The total permissible weight of the road train - not less than 100,000 kg | ☐ Yes ☐ No |  |
| 2.1.2.18 | Batteries: 2 x 12v, 170Ah | ☐ Yes ☐ No |  |
| **2.2** | **Dump truck with minimum 20 tons capacity - Iveco Trakker AD380T41H 6x4 Dump Truck or similar model to IVECO Trakker or a model from another brand with the same or better technical characteristics - 4 PCS** | ☐ Yes ☐ No |  |
| 2.2.1 | Steering Orientation: LHD | ☐ Yes ☐ No |  |
| 2.2.2 | Number of doors – 2 | ☐ Yes ☐ No |  |
| 2.2.3 | Rear view mirrors, left and right side | ☐ Yes ☐ No |  |
| 2.2.4 | Cooling system – water | ☐ Yes ☐ No |  |
| 2.2.5 | Aspiration – turbo | ☐ Yes ☐ No |  |
| 2.2.6 | Power output (HP) - minimum 410 | ☐ Yes ☐ No |  |
| 2.2.7 | Fuel type - Diesel | ☐ Yes ☐ No |  |
| 2.2.8 | Fuel tank capacity (Ltr.) - minimum 300 | ☐ Yes ☐ No |  |
| 2.2.9 | Emissions standard - minimum EURO 5 | ☐ Yes ☐ No |  |
| 2.2.10 | Transmission type – manual | ☐ Yes ☐ No |  |
| 2.2.11 | Traction - 6x4 | ☐ Yes ☐ No |  |
| 2.2.12 | Lockable fuel tank lid/cap | ☐ Yes ☐ No |  |
| 2.2.13 | Power steering | ☐ Yes ☐ No |  |
| 2.2.14 | Seat belts all seats | ☐ Yes ☐ No |  |
| 2.2.15 | Air condition non-CFC and heater | ☐ Yes ☐ No |  |
| 2.2.16 | The vehicle must be compliant with all applicable in the EU and/or Ukraine safety and security regulations. | ☐ Yes ☐ No |  |
| 2.2.17 | Technical requirements for the dump truck body | ☐ Yes ☐ No |  |
| 2.2.17.1 | Dump Body Volume at least 16m3 | ☐ Yes ☐ No |  |
| 2.2.17.2 | Payload Weight at least 18,500kg | ☐ Yes ☐ No |  |
| 2.2.17.3 | Batteries: 2 x 12v, 220 Ah | ☐ Yes ☐ No |  |
| 2.2.17.4 | Inspection Step | ☐ Yes ☐ No |  |
| 2.2.17.5 | Vertical Exhaust Pipe | ☐ Yes ☐ No |  |
| 2.2.17.6 | The warranty - min. 1 year or 50,000 km whichever occur first. Warranty must include manufacturing defects and labour charges. | ☐ Yes ☐ No |  |
| **2.3** | **Truck concrete mixer min. 7m3 on Iveco TRAKKER AD380T38H 6x4 or similar model to IVECO Trakker or a model from another brand with the same or better technical characteristics - 2 PCS** | ☐ Yes ☐ No |  |
| 2.3.1 | Steering Orientation: LHD | ☐ Yes ☐ No |  |
| 2.3.2 | Number of doors – 2 | ☐ Yes ☐ No |  |
| 2.3.3 | Rear view mirrors, left and right side | ☐ Yes ☐ No |  |
| 2.3.4 | Cooling system – water | ☐ Yes ☐ No |  |
| 2.3.5 | Aspiration – turbo | ☐ Yes ☐ No |  |
| 2.3.6 | Power output (HP) - minimum 380 | ☐ Yes ☐ No |  |
| 2.3.7 | Fuel type - Diesel | ☐ Yes ☐ No |  |
| 2.3.8 | Fuel tank capacity (Ltr.) - minimum 300 | ☐ Yes ☐ No |  |
| 2.3.9 | Emissions standard - minimum EURO 5 | ☐ Yes ☐ No |  |
| 2.3.10 | Transmission type – manual | ☐ Yes ☐ No |  |
| 2.3.11 | Traction - 6x4 | ☐ Yes ☐ No |  |
| 2.3.12 | Lockable fuel tank lid/cap | ☐ Yes ☐ No |  |
| 2.3.13 | Power steering | ☐ Yes ☐ No |  |
| 2.3.14 | Seat belts all seats | ☐ Yes ☐ No |  |
| 2.3.15 | Air condition non-CFC and heater | ☐ Yes ☐ No |  |
| 2.3.16 | The vehicle must be compliant with all applicable in the EU and/or Ukraine safety and security regulations. | ☐ Yes ☐ No |  |
| 2.3.17 | Requirements for concrete mixer | ☐ Yes ☐ No |  |
| 2.3.17.1 | Min Mixer Volume: 7m3 | ☐ Yes ☐ No |  |
| 2.3.17.2 | Min Water Tank Volume (Ltr): 300 | ☐ Yes ☐ No |  |
| 2.3.17.3 | Batteries: 2 x 12v, 220 Ah | ☐ Yes ☐ No |  |
| 2.3.17.4 | Gross Vehicle Combined Weight: 44,000kg | ☐ Yes ☐ No |  |
| 2.3.17.5 | Warranty (mixer) - minimum 12 months. Warranty must include manufacturing defects and labour charges. | ☐ Yes ☐ No |  |
| **2.4** | **Vehicle for transporting workers and tools on the IVECO, or similar model to IVECO Trakker or a model from another brand with the same or better technical characteristics - 5 PCS** | ☐ Yes ☐ No |  |
| 2.4.1 | Steering Orientation: LHD | ☐ Yes ☐ No |  |
| 2.4.2 | Rear view mirrors, left and right side | ☐ Yes ☐ No |  |
| 2.4.3 | Power output (HP) - minimum 200 | ☐ Yes ☐ No |  |
| 2.4.4 | Fuel type - Diesel | ☐ Yes ☐ No |  |
| 2.4.5 | Emissions standard - minimum EURO 5 | ☐ Yes ☐ No |  |
| 2.4.6 | Transmission type – manual | ☐ Yes ☐ No |  |
| 2.4.7 | Gearbox - minimum 6 gears | ☐ Yes ☐ No |  |
| 2.4.8 | Fuel tank capacity (Ltr.) - minimum 100 | ☐ Yes ☐ No |  |
| 2.4.9 | Air condition non-CFC and heater | ☐ Yes ☐ No |  |
| 2.4.10 | Central locking with remote control | ☐ Yes ☐ No |  |
| 2.4.11 | Power steering | ☐ Yes ☐ No |  |
| 2.4.12 | Seat belts all seats | ☐ Yes ☐ No |  |
| 2.4.13 | Total gross weight (equipped) - not more than 6.5 tons | ☐ Yes ☐ No |  |
| 2.4.14 | Load capacity - not less than 3 tons | ☐ Yes ☐ No |  |
| 2.4.15 | Cabin - minimum 3 seats including driver, 2 doors | ☐ Yes ☐ No |  |
| 2.4.16 | Body - minimum 10 seats with cargo compartment, 2 doors (back and side) equipped with mobile stairs | ☐ Yes ☐ No |  |
| 2.4.17 | The vehicle must be compliant with all applicable in the EU and/or Ukraine safety and security regulations. | ☐ Yes ☐ No |  |
| 2.4.18 | Cargo compartment - not less than 950x2100 mm (the below picture is provided for reference purpose only) | ☐ Yes ☐ No |  |
|  |  | ☐ Yes ☐ No |  |
| 3 | Additional equipment to be supplied with each of the above vehicles (items 1 and 2 above) | ☐ Yes ☐ No |  |
| 3.1 | Fire extinguisher, 2 kg. min. | ☐ Yes ☐ No |  |
| 3.2 | First aid kit | ☐ Yes ☐ No |  |
| 3.3 | Owner’s manual (English and/or Ukrainian) | ☐ Yes ☐ No |  |
| 3.4 | Spare wheel, full size, min. 1 | ☐ Yes ☐ No |  |
| 3.5 | Tool kit with jack | ☐ Yes ☐ No |  |
| 3.6 | Warning triangle | ☐ Yes ☐ No |  |
| 4 | General requirements for all the vehicles (items 1 and 2 above) | ☐ Yes ☐ No |  |
| 4.1 | Bid includes brand/model of the goods and manufacturer's technical literature/catalogue, all confirming that the offered items comply with required specifications. | ☐ Yes ☐ No |  |
| 4.2 | Bidder or producer of the vehicle must have a representative office in Ukraine that provides after sale service available in Ukraine or agreement with the local representative of the producer or service company that can provide maintenance of the vehicle. Bidder must provide contact details of the service centre as well as confirmation from the service centre that it will provide after sale services for the proposed vehicle. | ☐ Yes ☐ No |  |
| 4.3 | The warranty on the truck min. 1 year or 50,000 km whichever occur first. Warranty must include manufacturing defects and labour charges. | ☐ Yes ☐ No |  |
| 4.4 | Warranty service. The name of the company, address, telephone- and fax numbers, e-mail address must be mentioned in the bid. The service centre shall have at least one certified engineer in its staff. | ☐ Yes ☐ No |  |
| 4.5 | Technical documentation for maintenance and repair of the supplied goods. The minimum set of technical documents to be provided with each piece of equipment delivered is the following: • User Manual and Operating Instructions (in Ukrainian) • Technical Certificate / maintenance guidelines (in Ukrainian or English). All tags/labels on the equipment shall be in English or Ukrainian language. | ☐ Yes ☐ No |  |
| 4.6 | Please provide shipping dimension: L x W x H, as well as Kerb/shipping weight in kg of the truck. | ☐ Yes ☐ No |  |
| 4.7 | Bid includes the Country of origin of the goods and FCA point of delivery. | ☐ Yes ☐ No |  |

**C.2. Delivery requirements for Lot 2**

| **UNOPS Requirements** | | **Is the bid compliant?** Bidder to complete | **Details**  Bidder to complete |
| --- | --- | --- | --- |
| **Delivery time** | **Bidders shall deliver and unload the goods as soon as possible. Bidders must provide realistic delivery time for the proposed goods.**  **DDP Incoterms: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_calendar days from the date of PO signature.**  Partial delivery of the items on batches within this period is acceptable. | ☐Yes ☐ No |  |
| **Delivery place and Incoterms rules** | Items 2.1, 2.3 and 2.4 - DDP Lviv, Ukraine  Item 2.2 - DDP Starokostyantiniv, Ukraine  The bidder will be responsible for covering the demurrage costs, if any. | ☐Yes ☐ No |  |
| **Consignee details** | Delivery address and consignee details will be provided to the successful Bidder(s) | ☐Yes ☐ No |  |

**Lot 3. Lot 3. Truck concrete mixer with a concrete pump - 1 PCS**

| **N** | **UNOPS minimum technical requirements** | **Is Bid Compliant? Bidder to complete** | **Details of the offered goods. Bidder to complete** |
| --- | --- | --- | --- |
| **1** | **Truck concrete mixer with a concrete pump - 1 PCS** | ☐ Yes ☐ No |  |
| 1.1 | Steering Orientation: LHD | ☐ Yes ☐ No |  |
| 1.2 | Number of doors – 2 | ☐ Yes ☐ No |  |
| 1.3 | Rear view mirrors, left and right side | ☐ Yes ☐ No |  |
| 1.4 | Cooling system – water | ☐ Yes ☐ No |  |
| 1.5 | Aspiration – turbo | ☐ Yes ☐ No |  |
| 1.6 | Power output (HP) - minimum 300 | ☐ Yes ☐ No |  |
| 1.7 | Fuel type - Diesel | ☐ Yes ☐ No |  |
| 1.8 | Fuel tank capacity (Ltr.) - minimum 250 | ☐ Yes ☐ No |  |
| 1.9 | Emissions standard - minimum EURO 5 | ☐ Yes ☐ No |  |
| 1.10 | Transmission type – automatic | ☐ Yes ☐ No |  |
| 1.11 | Traction - 8х4 | ☐ Yes ☐ No |  |
| 1.12 | Lockable fuel tank lid/cap | ☐ Yes ☐ No |  |
| 1.13 | Power steering | ☐ Yes ☐ No |  |
| 1.14 | Seat belts all seats | ☐ Yes ☐ No |  |
| 1.15 | Air condition non-CFC and heater | ☐ Yes ☐ No |  |
| 1.16 | The vehicle must be compliant with all applicable in the EU and/or Ukraine safety and security regulations. | ☐ Yes ☐ No |  |
| **1.17** | **Requirements for concrete pump** | ☐ Yes ☐ No |  |
| 1.17.1 | Min Concrete output: minimum 80m3/h | ☐ Yes ☐ No |  |
| 1.17.2 | Min Vertical Reach: 30m | ☐ Yes ☐ No |  |
| 1.17.3 | Min Horizontal Reach: 25m | ☐ Yes ☐ No |  |
| 1.17.4 | Min Depth Reach: 20m | ☐ Yes ☐ No |  |
| 1.17.5 | Min Boom Rotation: 240 degrees | ☐ Yes ☐ No |  |
| 1.17.6 | 4 outriggers with position sensors | ☐ Yes ☐ No |  |
| 1.17.7 | Min Water Tank Volume: 300L | ☐ Yes ☐ No |  |
| 1.17.8 | Batteries: 2 x 12v, 220 Ah | ☐ Yes ☐ No |  |
| 1.17.9 | Min Concrete Hopper Volume: 350L | ☐ Yes ☐ No |  |
| 1.17.10 | Min Water pump Capacity: 70 l/min @30 bar | ☐ Yes ☐ No |  |
| 1.17.11 | Require proportional cable-operation and Radio remote-control of boom  for smooth operation | ☐ Yes ☐ No |  |
| 1.17.12 | Warranty (concrete pump) - minimum 12 months. Warranty must include manufacturing defects and labour charges. | ☐ Yes ☐ No |  |
| **2** | **Additional equipment to be supplied with each of the above vehicles** | ☐ Yes ☐ No |  |
| 2.1 | Fire extinguisher, 2 kg. min. | ☐ Yes ☐ No |  |
| 2.2 | First aid kit | ☐ Yes ☐ No |  |
| 2.3 | Owner’s manual (English and/or Ukrainian) | ☐ Yes ☐ No |  |
| 2.4 | Spare wheel, full size, min. 1 | ☐ Yes ☐ No |  |
| 2.5 | Tool kit with jack | ☐ Yes ☐ No |  |
| 2.6 | Warning triangle | ☐ Yes ☐ No |  |
| **3** | **General requirements** | ☐ Yes ☐ No |  |
| 3.1 | Bid includes brand/model of the goods and manufacturer's technical literature/catalogue, all confirming that the offered items comply with required specifications. | ☐ Yes ☐ No |  |
| 3.2 | Bidder or producer of the vehicle must have a representative office in Ukraine that provides after sale service available in Ukraine or agreement with the local representative of the producer or service company that can provide maintenance of the vehicle. Bidder must provide contact details of the service centre as well as confirmation from the service centre that it will provide after sale services for the proposed vehicle. | ☐ Yes ☐ No |  |
| 3.3 | The warranty on the truck min. 1 year or 50,000 km whichever occur first. Warranty must include manufacturing defects and labour charges. | ☐ Yes ☐ No |  |
| 3.4 | Warranty service. The name of the company, address, telephone- and fax numbers, e-mail address must be mentioned in the bid. The service centre shall have at least one certified engineer in its staff. | ☐ Yes ☐ No |  |
| 3.5 | Technical documentation for maintenance and repair of the supplied goods. The minimum set of technical documents to be provided with each piece of equipment delivered is the following: • User Manual and Operating Instructions (in Ukrainian) • Technical Certificate / maintenance guidelines (in Ukrainian or English). All tags/labels on the equipment shall be in English or Ukrainian language. | ☐ Yes ☐ No |  |
| 3.6 | Please provide shipping dimension: L x W x H, as well as Kerb/shipping weight in kg of the truck. | ☐ Yes ☐ No |  |
| 3.7 | Bid includes the Country of origin of the goods and FCA point of delivery. | ☐ Yes ☐ No |  |

**C.3. Delivery requirements for Lot 3**

| **UNOPS Requirements** | | **Is the bid compliant?** Bidder to complete | **Details**  Bidder to complete |
| --- | --- | --- | --- |
| **Delivery time** | **Bidders shall deliver and unload the goods as soon as possible. Bidders must provide realistic delivery time for the proposed goods.**  **DDP Incoterms: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_calendar days from the date of PO signature.**  Partial delivery of the items on batches within this period is acceptable. | ☐Yes ☐ No |  |
| **Delivery place and Incoterms rules** | DDP Kyiv, Ukraine.  The bidder will be responsible for covering the demurrage costs, if any. | ☐Yes ☐ No |  |
| **Consignee details** | Delivery address and consignee details will be provided to the successful Bidder(s) | ☐Yes ☐ No |  |

**Lot 4. Lot 4. Mobile crane. Mobile crane GROVE GMK 3050-3 with a load capacity of 50 tons (or equivalent model with the same or better technical characteristics) - 1 PCS**

| **N** | **UNOPS minimum technical requirements** | **Is Bid Compliant? Bidder to complete** | **Details of the offered goods. Bidder to complete** |
| --- | --- | --- | --- |
| **1** | Mobile crane GROVE GMK 3050-3 with a load capacity of 50 tons (or analog with the same or better technical characteristics) - 1PCS | ☐ Yes ☐ No |  |
| 1.1 | Overall dimensions (Width) (mm) - up to 2600 | ☐ Yes ☐ No |  |
| 1.2 | Curb weight (on-road)(kg) - maximum 36,000 | ☐ Yes ☐ No |  |
| 1.3 | On-road Axle Loads (kg) - maximum 12,000 | ☐ Yes ☐ No |  |
| 1.4 | Maximum total rated load capacity (kg) - 50,000 | ☐ Yes ☐ No |  |
| 1.6 | Main boom length (m) - 10,2 - 40,0 | ☐ Yes ☐ No |  |
| 1.7 | Counterweight, t - 7,5 (+/- 10 %) | ☐ Yes ☐ No |  |
| 1.8 | The length of a fully extended boom with a goose (m) is not less than 48 | ☐ Yes ☐ No |  |
| 1.9 | Lifting speed of the main winch without load (m/min) - up to 185 (+/- 10 %) | ☐ Yes ☐ No |  |
| 1.10 | Lifting speed of the auxiliary winch without load (m/min) - up to 185 (+/- 10 %) | ☐ Yes ☐ No |  |
| 1.11 | Engine Power, hp - up to 345 (+/- 10 %) | ☐ Yes ☐ No |  |
| 1.12 | The vehicle must be compliant with all applicable in the EU and/or Ukraine safety and security regulations. | ☐ Yes ☐ No |  |
| **2** | **Additional equipment** | ☐ Yes ☐ No |  |
| 2.1 | Fire extinguisher, 2 kg. min. | ☐ Yes ☐ No |  |
| 2.2 | First aid kit | ☐ Yes ☐ No |  |
| 2.3 | Owner’s manual (English and/or Ukrainian) | ☐ Yes ☐ No |  |
| 2.4 | Spare wheel, full size, min. 1 | ☐ Yes ☐ No |  |
| 2.5 | Tool kit with jack | ☐ Yes ☐ No |  |
| 2.6 | Warning triangle | ☐ Yes ☐ No |  |
| **3** | **General requirements** | ☐ Yes ☐ No |  |
| 3.1 | Bid includes brand/model of the goods and manufacturer's technical literature/catalogue, all confirming that the offered items comply with required specifications. | ☐ Yes ☐ No |  |
| 3.2 | Bidder or producer of the vehicle must have a representative office in Ukraine that provides after sale service available in Ukraine or agreement with the local representative of the producer or service company that can provide maintenance of the vehicle. Bidder must provide contact details of the service centre as well as confirmation from the service centre that it will provide after sale services for the proposed vehicle. | ☐ Yes ☐ No |  |
| 3.3 | The warranty on the equipment min. 1 year or 100,000 km whichever occur first. Warranty must include manufacturing defects and labour charges. | ☐ Yes ☐ No |  |
| 3.4 | Warranty service. The name of the company, address, telephone- and fax numbers, e-mail address must be mentioned in the bid. The service centre shall have at least one certified engineer in its staff. | ☐ Yes ☐ No |  |
| 3.5 | Technical documentation for maintenance and repair of the supplied goods. The minimum set of technical documents to be provided with each piece of equipment delivered is the following: • User Manual and Operating Instructions (in Ukrainian) • Technical Certificate / maintenance guidelines (in Ukrainian or English). All tags/labels on the equipment shall be in English or Ukrainian language. | ☐ Yes ☐ No |  |
| 3.6 | Please provide shipping dimension: L x W x H, as well as Kerb/shipping weight in kg. | ☐ Yes ☐ No |  |
| 3.7 | Bid includes the Country of origin of the goods and FCA point of delivery. | ☐ Yes ☐ No |  |

**C.4. Delivery requirements for Lot 4**

| **UNOPS Requirements** | | **Is the bid compliant?** Bidder to complete | **Details**  Bidder to complete |
| --- | --- | --- | --- |
| **Delivery time** | **Bidders shall deliver and unload the goods as soon as possible. Bidders must provide realistic delivery time for the proposed goods.**  **DDP Incoterms: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_calendar days from the date of PO signature.**  Partial delivery of the items on batches within this period is acceptable. | ☐Yes ☐ No |  |
| **Delivery place and Incoterms rules** | DDP Lviv, Ukraine.  The bidder will be responsible for covering the demurrage costs, if any. | ☐Yes ☐ No |  |
| **Consignee details** | Delivery address and consignee details will be provided to the successful Bidder(s) | ☐Yes ☐ No |  |

**Lot 5. Bulldozer Shantui DH17 (or equivalent model with the same or better technical characteristics)**

| **N** | **UNOPS minimum technical requirements** | **Is Bid Compliant? Bidder to complete** | **Details of the offered goods. Bidder to complete** |
| --- | --- | --- | --- |
| **1** | **Bulldozer Shantui DH17** (or analog with the same or better technical characteristics) - 3 PCS | ☐ Yes ☐ No |  |
| 1.1 | Diesel with turbocharging, 6 cylinders | ☐ Yes ☐ No |  |
| 1.2 | Power Net (kW/hp) 127/170 (+/- 10 %) | ☐ Yes ☐ No |  |
| 1.3 | Fuel Tank - 320 l (+/- 20 %) | ☐ Yes ☐ No |  |
| 1.4 | Operating Weight - maximum 30,000 kg | ☐ Yes ☐ No |  |
| 1.5 | Ground Pressure (kPa) - 64 (+/- 10 %) | ☐ Yes ☐ No |  |
| 1.6 | Blade capacity - min 4,5 m3 | ☐ Yes ☐ No |  |
| 1.7 | The vehicle must be compliant with all applicable in the EU and/or Ukraine safety and security regulations. | ☐ Yes ☐ No |  |
| **2** | **Additional equipment** | ☐ Yes ☐ No |  |
| 2.1 | Fire extinguisher, 2 kg. min. | ☐ Yes ☐ No |  |
| 2.2 | First aid kit | ☐ Yes ☐ No |  |
| 2.3 | Owner’s manual (English and/or Ukrainian) | ☐ Yes ☐ No |  |
| 2.4 | Tool kit with jack | ☐ Yes ☐ No |  |
| **3** | **General requirements** | ☐ Yes ☐ No |  |
| 3.1 | Bid includes brand/model of the goods and manufacturer's technical literature/catalogue, all confirming that the offered items comply with required specifications. | ☐ Yes ☐ No |  |
| 3.2 | Bidder or producer of the vehicle must have a representative office in Ukraine that provides after sale service available in Ukraine or agreement with the local representative of the producer or service company that can provide maintenance of the vehicle. Bidder must provide contact details of the service centre as well as confirmation from the service centre that it will provide after sale services for the proposed vehicle. | ☐ Yes ☐ No |  |
| 3.3 | The warranty on the vehicle min. 1 year or 100,000 km whichever occur first. Warranty must include manufacturing defects and labour charges. | ☐ Yes ☐ No |  |
| 3.4 | Warranty service. The name of the company, address, telephone- and fax numbers, e-mail address must be mentioned in the bid. The service centre shall have at least one certified engineer in its staff. | ☐ Yes ☐ No |  |
| 3.5 | Technical documentation for maintenance and repair of the supplied goods. The minimum set of technical documents to be provided with each piece of equipment delivered is the following: • User Manual and Operating Instructions (in Ukrainian) • Technical Certificate / maintenance guidelines (in Ukrainian or English). All tags/labels on the equipment shall be in English or Ukrainian language. | ☐ Yes ☐ No |  |
| 3.6 | Please provide shipping dimension: L x W x H, as well as Kerb/shipping weight in kg. | ☐ Yes ☐ No |  |
| 3.7 | Bid includes the Country of origin of the goods and FCA point of delivery. | ☐ Yes ☐ No |  |

**C.5. Delivery requirements for Lot 5**

| **UNOPS Requirements** | | **Is the bid compliant?** Bidder to complete | **Details**  Bidder to complete |
| --- | --- | --- | --- |
| **Delivery time** | **Bidders shall deliver and unload the goods as soon as possible. Bidders must provide realistic delivery time for the proposed goods.**  **DDP Incoterms: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_calendar days from the date of PO signature.**  Partial delivery of the items on batches within this period is acceptable. | ☐Yes ☐ No |  |
| **Delivery place and Incoterms rules** | DDP Starokostyantiniv, Ukraine.  The bidder will be responsible for covering the demurrage costs, if any. | ☐Yes ☐ No |  |
| **Consignee details** | Delivery address and consignee details will be provided to the successful Bidder(s) | ☐Yes ☐ No |  |

**Lot 6. Hydraulic jacks including the below items**

| **N** | **UNOPS minimum technical requirements** | **Is Bid Compliant? Bidder to complete** | **Details of the offered goods. Bidder to complete** |
| --- | --- | --- | --- |
| **1** | **Hydraulic jack 200 tons** (DG200P150 rod stroke 150mm or equivalent model with the same or better technical characteristics) - 4 PCS | ☐ Yes ☐ No |  |
| 1.1 | Capacity, t - minimum 200 | ☐ Yes ☐ No |  |
| 1.2 | Rod stroke, mm - minimum 150 | ☐ Yes ☐ No |  |
| 1.3 | Working volume of oil, cm3 - minimum 4406 | ☐ Yes ☐ No |  |
| 1.4 | Height minimum, mm (A) - 302 | ☐ Yes ☐ No |  |
| 1.5 | Height maximum, mm (H) - 452 | ☐ Yes ☐ No |  |
| 1.6 | Outer diameter, mm (D) - minimum 228 | ☐ Yes ☐ No |  |
| 1.7 | Inner diameter, mm (E) - minimum 190 | ☐ Yes ☐ No |  |
| 1.8 | Rod diameter, mm (F) - minimum 135 | ☐ Yes ☐ No |  |
| 1.9 | Mass, kg - 70-110 | ☐ Yes ☐ No |  |
| 1.10 | Designed for lifting and moving goods during installation and dismantling works in various industries. Jacks have an increased carrying capacity and service life with minimal size and weight. Work in any horizontal plane. | ☐ Yes ☐ No |  |
| **2** | **Hydraulic jack 100 tons** (DG100P150 rod stroke 150mm or equivalent model with the same or better technical characteristics) - 5 PCS | ☐ Yes ☐ No |  |
| 2.1 | Capacity, t - minimum 100 | ☐ Yes ☐ No |  |
| 2.2 | Rod stroke, mm - minimum 150 | ☐ Yes ☐ No |  |
| 2.3 | Working volume of oil, cm3 - minimum 2145 | ☐ Yes ☐ No |  |
| 2.4 | Height minimum, mm (A) - 226 | ☐ Yes ☐ No |  |
| 2.5 | Height maximum, mm (H) - 376 | ☐ Yes ☐ No |  |
| 2.6 | Outer diameter, mm (D) - minimum 178 | ☐ Yes ☐ No |  |
| 2.7 | Inner diameter, mm (E) - minimum 135 | ☐ Yes ☐ No |  |
| 2.8 | Rod diameter, mm (F) - minimum 100 | ☐ Yes ☐ No |  |
| 2.9 | Mass, kg - 30-50 | ☐ Yes ☐ No |  |
| 2.10 | Designed for lifting and moving goods during installation and dismantling works in various industries. Jacks have an increased carrying capacity and service life with minimal size and weight. Work in any horizontal plane. | ☐ Yes ☐ No |  |
| **2** | **General requirements** | ☐ Yes ☐ No |  |
| 2.1 | Bid includes brand/model of the goods and manufacturer's technical literature/catalogue, all confirming that the offered items comply with required specifications. | ☐ Yes ☐ No |  |
| 2.2 | Bidder or producer of the vehicle must have a representative office in Ukraine that provides after sale service available in Ukraine or agreement with the local representative of the producer or service company that can provide maintenance of the vehicle. Bidder must provide contact details of the service centre as well as confirmation from the service centre that it will provide after sale services for the proposed vehicle. | ☐ Yes ☐ No |  |
| 2.3 | The warranty on the equipment - min. 1 year. Warranty must include manufacturing defects and labour charges. | ☐ Yes ☐ No |  |
| 2.4 | Warranty service. The name of the company, address, telephone- and fax numbers, e-mail address must be mentioned in the bid. The service centre shall have at least one certified engineer in its staff. | ☐ Yes ☐ No |  |
| 2.5 | Technical documentation for maintenance and repair of the supplied goods. The minimum set of technical documents to be provided with each piece of equipment delivered is the following: • User Manual and Operating Instructions (in Ukrainian) • Technical Certificate / maintenance guidelines (in Ukrainian or English). All tags/labels on the equipment shall be in English or Ukrainian language. | ☐ Yes ☐ No |  |
| 2.6 | Please provide shipping dimension: L x W x H, as well as Kerb/shipping weight in kg. | ☐ Yes ☐ No |  |
| 2.7 | Bid includes the Country of origin of the goods and FCA point of delivery. | ☐ Yes ☐ No |  |

**C.6. Delivery requirements for Lot 6**

| **UNOPS Requirements** | | **Is the bid compliant?** Bidder to complete | **Details**  Bidder to complete |
| --- | --- | --- | --- |
| **Delivery time** | **Bidders shall deliver and unload the goods as soon as possible. Bidders must provide realistic delivery time for the proposed goods.**  **DDP Incoterms: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_calendar days from the date of PO signature.**  Partial delivery of the items on batches within this period is acceptable. | ☐Yes ☐ No |  |
| **Delivery place and Incoterms rules** | DDP Dnipro, Ukraine.  The bidder will be responsible for covering the demurrage costs, if any. | ☐Yes ☐ No |  |
| **Consignee details** | Delivery address and consignee details will be provided to the successful Bidder(s) | ☐Yes ☐ No |  |

**Lot 7. Concrete formwork PERI\* (400 m2) - 1 PCS**

| **N** | **UNOPS minimum technical requirements** | **Is Bid Compliant? Bidder to complete** | **Details of the offered goods. Bidder to complete** |
| --- | --- | --- | --- |
| **1** | **Formwork for concreting (400m2) PERI \* - 1 PCS** | ☐ Yes ☐ No |  |
| 1.1 | Mounting System: One-way conical anchoring system | ☐ Yes ☐ No |  |
| 1.2 | Wall thickness: 10-12 cm. | ☐ Yes ☐ No |  |
| 1.3 | Maximum pressure of fresh concrete: 80 kN / m². | ☐ Yes ☐ No |  |
| 1.4 | Height of elements: 2,70 m | 3,00 m | 3,30 m | 3,60 m. | ☐ Yes ☐ No |  |
| 1.5 | Height of selected elements: 0.30 m | 0,60 m | 0,90 m | 1,20 m. | ☐ Yes ☐ No |  |
| 1.6 | Width of elements: 0.30 m | 0,45 m | 0,60 m | 0,90 m | 1,20 m | 2,40 m. | ☐ Yes ☐ No |  |
| **2** | **General requirements** | ☐ Yes ☐ No |  |
| 3.1 | Bid includes brand/model of the goods and manufacturer's technical literature/catalogue, all confirming that the offered items comply with required specifications. | ☐ Yes ☐ No |  |
| 3.2 | Bidder or producer of the vehicle must have a representative office in Ukraine that provides after sale service available in Ukraine or agreement with the local representative of the producer or service company that can provide maintenance of the vehicle. Bidder must provide contact details of the service centre as well as confirmation from the service centre that it will provide after sale services for the proposed vehicle. | ☐ Yes ☐ No |  |
| 3.3 | The warranty on the equipment - min. 1 year. Warranty must include manufacturing defects and labour charges. | ☐ Yes ☐ No |  |
| 3.4 | Warranty service. The name of the company, address, telephone- and fax numbers, e-mail address must be mentioned in the bid. The service centre shall have at least one certified engineer in its staff. | ☐ Yes ☐ No |  |
| 3.5 | Technical documentation for maintenance and repair of the supplied goods. The minimum set of technical documents to be provided with each piece of equipment delivered is the following: • User Manual and Operating Instructions (in Ukrainian) • Technical Certificate / maintenance guidelines (in Ukrainian or English). All tags/labels on the equipment shall be in English or Ukrainian language. | ☐ Yes ☐ No |  |
| 3.6 | Please provide shipping dimension: L x W x H, as well as Kerb/shipping weight in kg. | ☐ Yes ☐ No |  |
| 3.7 | Bid includes the Country of origin of the goods and FCA point of delivery. | ☐ Yes ☐ No |  |

\* Brand is required by the end user for standardisation purposes.

**C.7. Delivery requirements for Lot 7**

| **UNOPS Requirements** | | **Is the bid compliant?** Bidder to complete | **Details**  Bidder to complete |
| --- | --- | --- | --- |
| **Delivery time** | **Bidders shall deliver and unload the goods as soon as possible. Bidders must provide realistic delivery time for the proposed goods.**  **DDP Incoterms: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_calendar days from the date of PO signature.**  Partial delivery of the items on batches within this period is acceptable. | ☐Yes ☐ No |  |
| **Delivery place and Incoterms rules** | DDP Lviv, Ukraine.  The bidder will be responsible for covering the demurrage costs, if any. | ☐Yes ☐ No |  |
| **Consignee details** | Delivery address and consignee details will be provided to the successful Bidder(s) | ☐Yes ☐ No |  |

**D. Inspections and tests**

The following inspections and tests shall be performed:

(i) The Supplier shall perform all needed tests before the shipment to confirm that the goods meet the Purchaser requirements. Documented confirmation of such tests has to be sent to the Purchaser before the shipment;

(ii) The Purchaser will check the availability of Compliance Certificates issued for equipment supplied;

(ііі) The Supplier shall demonstrate that the software has been properly installed on the corresponding equipment;

(іv) The Purchaser (with the assistance of the Supplier) will check the functionality/operability and the compliance of main characteristics of all items of equipment with Technical Requirements. If the consumables should be used for equipment checking - they must be provided by the cost of the Supplier.

UNOPS or its representative may inspect and/or test any or all items of the goods to confirm their conformity to the contract, prior to dispatch from the supplier’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 the laid down specifications, the supplier shall take immediate steps to remedy the deficiency or replace the defective goods to the satisfaction of the purchaser.