



Date: 03/12/2015

SM/SM

**VND-302/15**

**SUBJECT:** Clarification 2 / AMENDMENT 2 of Tender Documents for public procurement:  
**PURCHASE OF 5 NEW SOLO LOW FLOOR BUSES WITH ELECTRIC DRIVE WITH EQUIPMENT FOR CHARGING** (name and label from the general procurement dictionary: 34144910 – Electric Buses), no. **VND – 302/15**

**CLARIFICATION OF TENDER DOCUMENTS 2 / AMENDMENT 2 OF TENDER DOCUMENTS NO. VND-302/15**

Dear Sir,

Please find attached the Clarification 2 / AMENDMENT 2 of Tender Documents,

**This Clarification 2 / AMENDMENT 2 is henceforward a containing part of Tender Documents.**

Sincerely Yours,

EXECUTIVE MANAGER  
OU "INVESTMENTS"

---

Ljeposavka Vidović, LL.B.

**Attachment: Clarification 2 and entire amended Tender Documents 2 no. VND-302/15**

**PROCUREMENT SUBJECT - PURCHASE OF 5 NEW SOLO LOW FLOOR BUSES WITH ELECTRIC DRIVE WITH EQUIPMENT FOR CHARGING** (name and label from the general procurement dictionary: 34144910 – Electric Buses), no. **VND – 302/15**  
**CLARIFICATION OF TENDER DOCUMENTS 2 / AMENDMENT 2 OF TENDER DOCUMENTS NO. VND-302/15**

Dear Sir,

Pursuant to Article 63 of the Law on Public Procurement („The Official Gazette of the Republic of Serbia” No. 124/12, 14/15 and 68/15) we are providing you with the following clarifications related to the bid preparation:

No.	QUESTION	ANSWER
1	<p>In the Tender Documents, on page 56/ 114, in Article 22, the following is stipulated: „ The awarded bidder shall submit all necessary certificates proving that the vehicle, aggregates, devices and components are consistent with the uniform technical descriptions, in accordance with the regulations on homologation, as defined in “Rulebook on division of motor and combined vehicles and technical conditions for vehicles in road traffic”.</p> <p>Further on, in the Tender Documents, on page 15/114, item 2.1 Main Dimension, regarding the number of doors, the requirement reads: „min.2 (on the right side)”, while in the drawing there are three doors;</p> <p>on page 20/114, item 7.3 Door – „ The bus shall have at least two (2) doors.....</p> <p>on page 14/114, item 2 – Vehicle type, it is stipulated: „ The type of vehicle required by the Purchaser shall be new, solo low floor electric drive city bus (class I or class "A", pursuant to EC 2001/85 or UN ECE 107);</p> <p>The problem is in the following:                      In the “Rulebook on division of motor and combined vehicles and technical conditions for vehicles in road traffic”, in Article 94, it is stated that the class I bus, which transports from 71 to 100 passengers, is exclusively the bus with three (3) doors.                      For the reason stated, we require that you make the amendment of the Tender Documents regarding the number <b>of doors</b> in a way that you stipulate that the minimum number of doors on the required buses is <b>three</b> (3).                      In this way you shall allow the bidders to submit the correct bids and provide the future users – passengers with the better quality of transport.</p>	<p>In item 7.3 Door it is stated " The bus shall have at least two (2) doors on the right side for passenger entrance/ exit, double-winged with minimum width of 1200 mm, opened inwards."</p> <p>This implies that the Purchaser requires minimum 2 two (two-winged doors)</p> <p>In item 2.1 Main dimensions, the drawing of bus with 3 three doors (two-winged doors) is given and it is not contradictory to the Purchaser’s requirement from item 7.3 and the Table 2.1 where it is stipulated – Number of doors: minimum 2 two (it refers to two-winged doors) on the right side. In item 2.1 (Table) this shall be amended in the Tender Documents.</p> <p>The Purchaser’s requirement regarding the number of doors on the bus is fully compliant with the Rulebook UN ECE 107 (item 7.6.1.1 and item 7.6.1.6), which precisely define the class I bus, minimum number of doors and bus capacity.</p> <p>Pursuant to the mentioned “Rulebook on division of motor and combined vehicles and technical conditions for vehicles in road traffic”, in Article 94, it is stated that the Class I bus, which transports from 71 to 100 passengers, is exclusively the bus with three (3) doors. It is not precisely defined to which door type it refers (one-winged and two-winged) and it is not authentic interpretation of UN ECE 107 (item 7.6.1.1 and item 7.6.1.6). Bearing in mind the fact that the electric buses are not manufactured in Serbia, it is clear that they shall be homologated in accordance with Rulebook UN ECE 107 or EC/ 2001/85.</p>

Regarding the above-mentioned, the amendment of the Tender Documents has been made on pages: 15/114 and 80/114

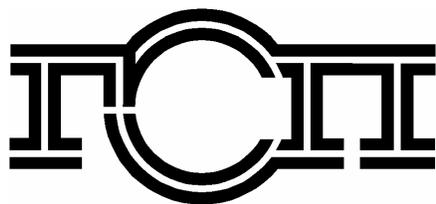
In everything else, the Purchaser maintains the terms stipulated in the Tender Documents.

In accordance with the above, the entire amended Tender Documents shall be published on the Public Procurement Portal of the City of Belgrade’s Public Procurement Office, as well as on the web site of the Purchaser [www.gsp.co.rs](http://www.gsp.co.rs).

FOR THE PUBLIC PROCUREMENT COMMITTEE

\_\_\_\_\_  
 Slobodan Mišanović, M.Sc.T.E.

**PUBLIC UTILITY COMPANY  
CITY PUBLIC TRANSPORT  
COMPANY "BEOGRAD"**



**VND-302/15**

**TENDER DOCUMENTS FOR PUBLIC  
PROCUREMENT OF GOODS**

**PURCHASE OF 5 NEW SOLO LOW FLOOR  
BUSES WITH ELECTRIC DRIVE WITH  
EQUIPMENT FOR CHARGING**

## **TABLE OF CONTENTS:**

<b>I INVITATION FOR THE SUBMISSION OF BIDS</b>	Error! Bookmark not defined.
<b>II GENERAL DATA ON PUBLIC PROCUREMENT</b>	Error! Bookmark not defined.
<b>III DATA ON THE SUBJECT OF PUBLIC PROCUREMENT .....</b>	<b>5</b>
<b>IV TECHNICAL DESCRIPTION OF THE PUBLIC PROCUREMENT SUBJECT.....</b>	<b>6</b>
<b>V REQUIREMENTS FOR THE PARTICIPATION IN THE PROCEDURE OF PUBLIC PROCUREMENT FROM ARTICLES 75 AND 76 OF THE LAW ON PUBLIC PROCUREMENT AND THE INSTRUCTION FOR THE METHODS OF PROVING THE COMPLIANCE WITH THESE REQUIREMENTS PURSUANT TO ARTICLE 77 OF THE LAW ON PUBLIC PROCUREMENT</b>	Error! Bookmark not defined.
<b>VI INSTRUCTION TO BIDDERS ON HOW TO PREPARE THE BID</b>	Error! Bookmark not defined.
<b>VII FORM OF THE BID AND OTHER MANDATORY FORMS TO BE SUBMITTED BY THE BIDDER ALONG WITH THE BID</b>	Error! Bookmark not defined.
<b>VIII TENDER FORMS.....</b>	Error! Bookmark not defined.

## I INVITATION FOR THE SUBMISSION OF BIDS

JKP GSP „Beograd“  
Beograd, 29 Kneginje Ljubice Street  
webpage: [www.gsp.co.rs](http://www.gsp.co.rs)

Pursuant to Article 55., 57. And 60. Of the Law on Public Procurement („The Official Gazette of the Republic of Serbia“ No. 124/12, 14/15 and 68/15, hereinafter the LPP)  
GSP, 29 Kneginje Ljubice Street  
Issues the

### INVITATION

for the submission of bids for the procurement of goods in the open procedure

**PROCUREMENT SUBJECT - Goods: PURCHASE OF 5 NEW SOLO LOW FLOOR BUSES WITH ELECTRIC DRIVE WITH EQUIPMENT FOR CHARGING (name and label from the general procurement dictionary: 34144910 – Electric Buses), no VND – 302/15**

All the bidders fulfilling the mandatory conditions for participation in the procedure stipulated in the Law on Public Procurement (Article 75) and additional conditions (Article 76) foreseen for this public procurement procedure shall be entitled to participate in the procedure. The fulfillment of conditions shall be proved by submitting the evidence stipulated in Article 77, Paragraph 1. of the Law on Public Procurement, in accordance with the Tender Documents.

The bid shall be prepared and submitted in accordance with the invitation and Tender Documents. The criterion for contract award shall be economically most advantageous bid and criteria elements for weighting are:  
Price (total value of the bid) 60 weight; warranty period for batteries/UC years 20 weight; passengers capacity 5 weights; deliberate deadline (months) 10 weights; consumption of electric power (kwh/km) 5 weights.

Place of delivery: JKP GSP "Beograd", 1 dr Agostina Neta Street, Belgrade.

**Interested bidders may take over the Tender Documents on the Public Procurement Portal and on the web site of the Purchaser [www.gsp.co.rs](http://www.gsp.co.rs).**

**All information regarding the subject public procurement (information on prolongation of the deadline for the delivery of bids, information on amendments and supplements of Tender Documents, additional information, clarifications or answers to the bidders' questions, etc.), the Purchaser shall publish in due time on the Public Procurement Portal and on its website. The Purchaser shall bear no responsibility if the Bidder has no knowledge on published documents on the Public Procurement Portal from the preceding Paragraph.**

**Additional information and clarifications regarding the preparation of bid the bidders may ask for in writing, five days prior to the expiry of deadline for the submission of bids at the latest in a way that they shall submit the request for additional information and clarifications to the fax number 011/366-4087 or to the Purchaser's address: GSP, 29 Kneginje Ljubice Street, 11000 Beograd, with the label "For the Procurement No. VND-302/15", as well as to the e-mail [marijana.stojanovic@gsp.co.rs](mailto:marijana.stojanovic@gsp.co.rs) with the same label.**

**Additional information and clarifications regarding the preparation of bid the bidders may ask on weekdays, from Monday to Friday, in the period from 7 a.m. to 3 p.m. Clarifications personally submitted or to the address shall be delivered to the Administrative Office of the Purchaser, in the period from 7am to 4pm, from Monday to Friday.**

The Purchaser shall inform the entity interested in additional information and clarifications in manners of publishing on the Public Procurement Portal and on its website for the insight of other interested entities.

The bids shall be submitted in Serbian language in sealed envelope or box closed in a way that it can be for certainly determined that it is opened for the first time, in person or by mail with label:

**«BID FOR PROCUREMENT: PURCHASE OF 5 NEW SOLO LOW FLOOR BUSES WITH ELECTRIC DRIVE WITH CHARGING EQUIPMENT – NOT TO BE OPENED UNTIL 21.12.2015 at 10AM, reference number VND-302/15».**

On the back of the envelope, the bidder shall specify his name and address (it is desirable to specify the contact telephone number or e-mail address).

**The deadline for the submission of bids is 21.12.2015 at 9.30AM in the Administrative Office of the Purchaser, 29 Kneginje Ljubice Street, 11 000 Belgrade.**

**Public bid opening shall be done on 21.12.2015 at 10AM in the premises of GSP, 29 Kneginje Ljubice Street, 11000 Belgrade, main building.**

The representative of the Bidder that shall attend the procedure of public opening of bids and actively participate in it is obliged to submit the written power of attorney/authorization to the Public Procurement Committee.

The power of attorney/authorization on the basis of which the attending representative shall prove the authority for active participation in the procedure of opening of bids (insight in bids, giving objections to the opening procedure, verification of the submitted bids, signing and taking over the Minutes upon the completed opening procedure, etc.) shall be stamped by the authorized person of the bidder.

If the representative of the bidder does not submit the above-mentioned power of attorney/authorization, he shall be treated as general public and shall not be able to participate actively in the opening procedure.

If the opening of bids is attended by a legal agent of the Bidder, he shall be identified as such by extract from the Business Registers Agency and by a personal document (identification card, passport, driver's license, etc.). If the Bidder does not submit the above-mentioned extract from the Business Registers Agency, the Committee shall check the data on the website of Business Registers Agency prior to the beginning of the opening of bids.

The foreseen period for Purchaser's decision making shall be 25 days from the day of public opening of bids.

Untimely submitted bids shall not be taken into consideration.

The deadline for validity of bid shall not be shorter than 30 days from the day of public bids opening.

Contact: Public Procurement Department.

## II GENERAL DATA ON PUBLIC PROCUREMENT

### 1. Data on the Purchaser

Name of the Purchaser: PUBLIC UTILITY COMPANY CITY PUBLIC TRANSPORT COMPANY „BEOGRAD“

Address of the Purchaser: Belgrade, 29 Kneginje Ljubice Street, Belgrade

Website: [www.gsp.co.rs](http://www.gsp.co.rs)

Tax identification number: SR100049398

Registration number: 07022662

### 2. Public Procurement Procedure – open procedure, pursuant to Article 32.of the Law on Public Procurement

### 3. Public Procurement Subject: goods

### 4. The procedure shall be conducted for the purpose of concluding the public procurement

### 5. The procurement is not in form of parties

### 6. Contact: [marijana.stojanovic@gsp.co.rs](mailto:marijana.stojanovic@gsp.co.rs), Public Procurement Department

The purchaser notes that requesting for clarification and additional information regarding the preparation of bids, **shall not be allowed** by telephone.

## III DATA ON THE SUBJECT OF PUBLIC PROCUREMENT

**PROCUREMENT SUBJECT - Goods: PURCHASE OF 5 NEW LOW FLOOR SOLO BUSES WITH ELECTRIC DRIVE WITH EQUIPMENT FOR CHARGING** (name and label from the general procurement dictionary: 34144910 – Electric Buses), **no VND – 302/15**

**IV TECHNICAL DESCRIPTION OF THE PUBLIC PROCUREMENT SUBJECT**  
(Technical Specification)

**PROCUREMENT SUBJECT** - Goods: **PURCHASE OF 5 NEW LOW FLOOR SOLO BUSES WITH ELECTRIC DRIVE WITH EQUIPMENT FOR CHARGING** (name and label from the general procurement dictionary: 34144910 – Electric Buses), no VND – 302/15

**1. LIST OF GOODS AND ACCOMPANYING SERVICES**

List of goods:

- a) electric drive buses
- b) chargers for fast charging at termini
- c) charger for slow charging in the depot
- d) diagnostic devices and workshop equipment
- e) SPARE PARTS

List of accompanying services:

- f) training of Purchaser’s staff
- g) technical support during and after the expiry of warranty period
- h) preparation works for mounting and installation for all chargers and putting in operation

<b>a) ELECTRIC DRIVE BUSES</b>			
<b>No.</b>	<b>Name</b>	<b>Short description</b>	<b>Quantity</b>
<b>1.</b>	New solo low floor electric drive bus	All electric drive buses shall be of identical brand and type. Model offered by the bidder shall be manufactured in mass production. Bidders shall offer brand new buses. The term “brand new bus” means unused electric drive bus manufactured in 2015/2016, with entirely new construction and mounted completely new aggregates, assemblies, subassemblies, parts and other installed items.	5

<b>b) CHARGERS FOR FAST CHARGING ON TERMINUS</b>			
<b>No.</b>	<b>Name</b>	<b>Short description</b>	<b>Quantity</b>
<b>1.</b>	Charger for fast charging at termini	Chargers for fast charging of buses at termini shall be new and unused, manufactured in 2015 /2016 years	2

**c) CHARGER FOR SLOW CHARGING IN THE DEPOT**

No.	Name	Short description	Quantity
1.	Charger for slow charging in the depot	Chargers for slow charging in the depot shall be new and unused, manufactured in 2015 /2016 years	1

#### d) DIAGNOSTIC DEVICES AND WORKSHOP EQUIPMENT

No.	Item description/manufacturer:	Quantity
1	Diagnostic device shall be used for diagnosis of errors and measuring of working parameters for the entire vehicle and for all the systems in the vehicle, by means of corresponding connector.	1
2	<p><b>Special tool for regular maintenance</b>                      (Set for maintenance of offered type of traction engine, inverter, axles and gearboxes, door system, pneumatic installation, electric installation, brakes, clamps and guides).                      Specification of special tool shall be offered by the bidder according to the suggestive list, which he considers necessary for performance of <b>regular maintenance</b>.                      If during exploitation it turns out that certain special tools are necessary for <b>regular maintenance</b> and are not contained in the suggestive list, the awarded bidder is obliged to deliver the missing tools within 14 calendar days, at his expense.</p>	1
3	Device for charging and discharging, as well as for the control of pressure in air-conditioner (vacuuming and system charging)	1
4	Diagnostic device for control, data manipulation and maintenance of video surveillance system	1
5	Diagnostic device for control, data manipulation and maintenance of system for automatic counting of passenger entering and exiting	1

#### e) TRAINING OF PURCHASER'S STAFF

No.	Name	Short description	Needed
1.	Training for vehicle driving and handling	Training of Purchaser's staff shall contain the following types of training: 1. Training for vehicle driving 2. Training for diagnosis, servicing and maintenance of vehicles, particularly: - Training for vehicle servicing - Training for maintenance of stirring and traction systems - Training for service of axles and gearboxes - Training for air-conditioning devices - Training for servicing of EBS,	According to item 15 of Technical specification

		<p>ABS/ASR systems</p> <ul style="list-style-type: none"> <li>- Training for video surveillance system</li> <li>- Training for the system of passenger counting</li> </ul> <p>3. Training for usage and maintenance of chargers for fast and slow charging of E-bus</p> <p>4. Training for warranty requirements and operational resources of assemblies in the vehicle</p>	
--	--	---	--

<b>f) TECHNICAL SUPPORT DURING AND AFTER THE EXPIRY OF WARRANTY PERIOD</b>			
<b>No.</b>	<b>Name</b>	<b>Short description</b>	<b>Needed</b>
<b>1.</b>	Technical support during after the expiry of warranty period	<p>Technical support during and after the expiry of warranty period includes:</p> <ul style="list-style-type: none"> <li>- Servicing of vehicles and the system of fast charging during the warranty period</li> <li>- Delivery of spare parts production after the expiry of warranty period by the Manufacturer</li> </ul>	According to item 2 (Plan of delivery and execution) and item 14 of Technical specification

## **2. PLAN OF DELIVERY AND EXECUTION**

<b>DELIVERY DEADLINES</b>	
<b>for buses, accompanying equipment, technical documents, installation, putting in operation all chargers and training of Purchaser's staff</b>	
<b>DELIVERY DEADLINES FOR BUSES:</b>	
<b>Required deadline:</b>	
<b>5 buses on electrical drive</b>	
The Purchaser is prepared to accept the longest deadline of <i>8 months from the date of signing the contract on purchase of vehicles and submitting means of security for refund of advance payment and performance. All vehicles shall be delivered at once.</i>	
<b>2 chargers for fast charging at termini and 1 for slow charging in the depot with technical documents</b> (15 days prior to the delivery of the buses)	
<b>DELIVERY DEADLINES FOR ACCOMPANYING EQUIPMENT:</b>	
<b>Required deadline:</b>	
<b>Diagnostic devices, workshop equipment and spare parts:</b>	
Not later than delivering of buses	

<b>DEADLINES FOR TRAINING OF PURCHASER'S STAFF:</b>
<b>Required deadline:</b>
<b>Training for vehicle driving:</b> <i>( 15 days prior to releasing the vehicles into the regular service)</i>
<b>Training for servicing and repair of vehicles:</b> <i>( 15 days prior to releasing the vehicles into the regular service)</i>
<b>Training for warranty requirements and operational resources of assemblies in the vehicle:</b> <i>( 15 days prior to releasing the vehicles into the regular service)</i>
<b>Documents on vehicle driving and maintenance:</b> <i>( 15 days prior to releasing the vehicles into the regular service)</i>
<b>DEADLINES OF INSTALLATION AND PUTTING IN WORK ALL CHARGERS</b> <b>(not later than delivery of vehicles, i.e. not more than 10 days from installing connectors.</b>

<b>Required deadline for interventions within the warranty period (delivery of spare parts and components) and the warranty period for production of spare parts and components after the expiry of warranty period:</b>
<b>Deadline for intervention based on the warranty:</b> The awarded bidder is obliged to start with intervention at Purchaser's location within 48 hours upon the receipt of Purchaser's request at the latest. The awarded bidder is obliged to provide the spare parts and components and to repair the occurred defect within 7 days from diagnosing the defect. In case of occurrence of certain special or unexpected circumstances, the deadline for defect repair can be longer than foreseen, with the Purchaser's consent. Defect repair: The awarded bidder is obliged to repair all the defects occurred due to inadequate design solution when manufacturing or material during the warranty period, without delay and free of charge. The awarded bidder is obliged to compensate for the collateral damage caused by the defect of components during the warranty period.
<b>Period of provision of spare parts and/or components, i.e. period for which the awarded bidder guarantees the production of spare parts and components, after the delivery of the last bus:</b> <i>(Purchaser shall not accept the deadline shorter than 12 years)</i> The declaration of the vehicle manufacturer to be submitted.
<b>Charging of time spent out of service and transfer during the warranty period:</b>
The time spent out of service due to technical defects during the warranty period, after 7 working days upon diagnosing the defect, shall be charged: 150 EUR net daily per vehicle. If certain special or unexpected circumstances occur, the deadline for defect repair can be longer than foreseen, with the Purchaser's consent, in which case the time spent out of service during the warranty period shall not be charged.

### 3. WARRANTIES

<b>Description of required warranty period, counted from the moment of takeover of buses:</b>
<b>Warranty period for the entire vehicle:</b> <i>(Purchaser accepts minimum 2 years or 200,000 km passed, whatever comes first)</i>
<b>Warranty period for batteries or ultra capacitors :</b> <i>(Purchaser accepts minimum 5 years)</i>
<b>Warranty period for chargers for fast charging on termini and for slow charging in the depot</b> <i>(Purchaser accepts minimum 5 years)</i>

**Warranty period for chassis and carbody, floor assembly (without floor lining):**

*(Purchaser accepts minimum 12 years)*

**Warranty period for paint:**

*(Purchaser accepts minimum 6 years)*

**Warranty period for outer lining:**

*(Purchaser accepts minimum 8 years)*

**For assemblies and devices, which are not stipulated, the warranty period shall not be shorter than the offered warranty for the entire vehicle.**

**INSPECTIONS**

Inspections:

- During the phase of production, the inspection team of the Purchaser shall conduct two inspections of vehicles in production. The expenses of these inspections shall be covered by the awarded bidder. Purchaser's expert team shall consist of not more than 3 representatives. One inspection shall last for not more than five working days.

Checking of characteristics and quality of the parts and materials:

- During any of the phases of bus production, if GSP requires the check of offered characteristics and quality of parts, components and materials, the awarded bidder is obliged to submit the requested documents 7 days upon the receipt of written request at the latest.

Inspection before the shipment:

- All needed tests and functional trials before the shipment of vehicles shall be conducted in the manufacturer's factory.

## **4. Technical specification**

### **TABLE OF CONTENTS**

#### **1. GENERAL REQUIREMENTS**

- 1.1. Laws and homologation
- 1.2. Hazardous materials
- 1.3. Transport requirements
- 1.4. Meteorological conditions of operation
- 1.5. Passability
- 1.6. Allowed level of noise
- 1.7. Quality, protection from corrosion
- 1.8. Intervals and forms of maintenance

#### **2. VEHICLE TYPE**

- 2.1 Main dimensions

#### **3. DRIVELINE**

- 3.1. Traction electromotor/s
- 3.2. System of control and managing of driveline
- 3.3. System of electrical energy storage
- 3.4. System of charging with electrical energy
- 3.5. Pantograph
- 3.6. Transmission

#### **4. SUSPENSION**

#### **5. STEERING SYSTEM, WHEELS, AXLES**

- 5.1. Steering system
- 5.2. Pneumatics
- 5.3. Axels

#### **6. BRAKES**

- 6.1. Electronic braking system control (EBS/ABS)

#### **7. LOWER FRAMEWORK AND BUS CARBODY**

- 7.1. Lower framework, carbody, outer lining and vehicle paint
- 7.2. Glassware
  - 7.2.1. Side glasses
  - 7.2.2. Windscreen glasses
  - 7.2.3. Door glasses
- 7.3. Doors
- 7.4. Auxiliary platform for wheelchairs
- 7.5. Air-conditioning device
- 7.6. Heating in the vehicle
- 7.7. Passenger information system
- 7.8. Mirrors

#### **8. INTERIOR DESIGN**

- 8.1. Mobile video surveillance system
- 8.2. Interior equipment
- 8.3. Floor
- 8.4. Space for disabled passengers
- 8.5. Seats
- 8.6. System for ticketing and remote monitoring of vehicles
- 8.7. System for automatic counting of passengers entrances and exits
- 8.8. Wireless internet system (Wi-Fi)
- 8.9. Other equipment on the vehicle

**9. DRIVER'S WORKPLACE**

- 9.1. Driver's seat
- 9.2. Driver's cabin
- 9.3. Tachograph
- 9.4. Driver's dashboard
- 9.5. System for monitoring of vehicle functions (OBD system is mandatory)
- 9.6. Protection from sun

**10. COMPRESSED AIR SYSTEM**

**11. FIRE PROTECTION**

**12. ELECTRICAL EQUIPMENT**

- 12.1. Light signalling
- 12.2. Windscreen glass wipers
- 12.3. Lights in passenger saloon
- 12.4. Speedometers
- 12.5. Cable installations

**13. DELIVERY TERMS**

- 13.1 Inspections

**14. BUS WARRANTY**

- 14.1. Vehicle servicing within the warranty period
- 14.2. Delivery of spare parts after the expiry of warranty period
- 14.3. Charging for time spent out of service and transfers during the warranty period

**15. TRAINING FOR DRIVING AND USAGE OF THE VEHICLE, DOCUMENTS ON VEHICLE HANDLING AND MAINTENANCE AND DIAGNOSTIC DEVICES**

- 15.1. Training for vehicle driving
- 15.2. Training of Purchaser's staff for servicing and repair of vehicles
  - 15.2.1. Training for vehicle servicing
  - 15.2.2. Training for maintenance of traction engines
  - 15.2.3. Training for usage and maintenance of the system of control and driveline managing
  - 15.2.4. Training for usage and maintenance of chargers for fast and slow charging of E-bus with electrical energy
  - 15.2.5. Training for usage and maintenance of ultra capacitors
  - 15.2.6. Training for usage and maintenance of pantograph
  - 15.2.7. Safety measures
  - 15.2.8. Training for servicing of gearboxes and axles
  - 15.2.9. Training for air-conditioning devices and the heating system
  - 15.2.10. Training for servicing of EBS/ABS system
  - 15.2.11. Training for handling and maintenance of video surveillance system
  - 15.2.12. Training for handling and maintenance of the system for automatic counting of passengers entrances and exits
- 15.3. Training for warranty requirements and operational resources of assemblies in the vehicle
- 15.4. Documents on vehicle handling and maintenance
- 15.5. Diagnostic devices
  - 15.5.1 Diagnostic device for monitoring of parameters of maintenance and exploitation of vehicles
  - 15.5.2 Diagnostic device for video surveillance system
  - 15.5.3 Diagnostic device for the system of automatic counting of passenger's entrances and exits
  - 15.5.4 Software and interface for reading the data from digital tachograph

**16. PURCHASER'S SUGGESTIVE LISTS**

- 16.1.1 Filters-strainers
- 16.1.2 Braking system and parts of drive and steered axles
- 16.1.3 Spare parts of auto electricity and carbody
- 16.1.4 List of additional spare parts, components, tools, equipment and special tools according to bidder's estimation

## **ADDRESS OF DELIVERY:**

The Republic of Serbia, Belgrade, PUC City Public Transport Company "Beograd"- 2 Bulevar crvene armije, Belgrade.

Costs for material goods, accompanying services, and other costs occurred for the Bidder in regards to releasing the vehicles into regular service, transport costs and customs costs shall be included into the total price of procurement (parity of the Purchaser's location).

## **1. GENERAL REQUIREMENTS**

### **1.1. Laws and homologation**

Offered buses shall be consistent with all applicable laws and regulations in the Republic of Serbia, which regulate the field of motor vehicle production, putting them into service, traffic safety...

Since the electric drive buses are occurring for the first time at the Serbian market, the awarded bidder shall submit all necessary certificates proving that the vehicle, aggregates, devices and components are consistent with the uniform technical descriptions, in accordance with the regulations on homologation, as defined in "Rulebook on division of motor and combined vehicles and technical conditions for vehicles in road traffic", („Official Gazette of the Republic of Serbia", no. 40/12 from 26/04/2012, no. 102/2012 from 26/10/2012, no. 19/2013 from 27/02/2013, no. 41/2013 from 10/05/2013, no. 102/2014 from 22/09/2014) prior to the delivery of vehicles at the latest.

The awarded bidder shall submit to the Purchaser the document **WVTA (Whole Vehicle Type Approval and COC Certificate (Certificate of conformity))**, individually for each vehicle, proving that the vehicles are consistent with the technical conditions of the subject, based on international Agreement on adoption of uniform technical regulations for vehicles with wheels and the conditions for mutual recognition of assigned homologations based on these regulations – Geneva 1995-10-16.

### **1.2. Hazardous materials**

None of the materials used for production of bus, accompanying elements and aggregates installed in it shall endanger either the health of the staff engaged in the bus driving, repair or maintenance, or the passengers in the vehicle. Materials containing asbestos are not allowed. The list of all hazardous materials, the usage of which has been foreseen in the bid, shall be delivered with the following details: the substance name, supplier, place of its installation in the bus, nature of the health risk and the quantity of individual substances. Information related to the hazards in mechanical and other processes such as cutting, grinding, welding, etc. also need to be submitted.

It is needed to foreseen the possibility and method of separation of the above-mentioned hazardous materials on occasion of the scrapping of buses.

### **1.3. Transport conditions**

When defining technical parameters of the vehicle, the bidder must consider the terrain configuration and traffic conditions on GSP line network, especially from the aspect of carrying capacity, suspension, braking, traction characteristics, vehicle lifetime.

The terrain configuration is such that the vehicles shall often work in the regime of full occupancy of passenger capacity, with the need of starting at the gradient of 12% and passing through the curves with outer radius of 25m. Average operation time of electrical bus shall be at least 16 hours a day.

### **1.4. Meteorological conditions of operation**

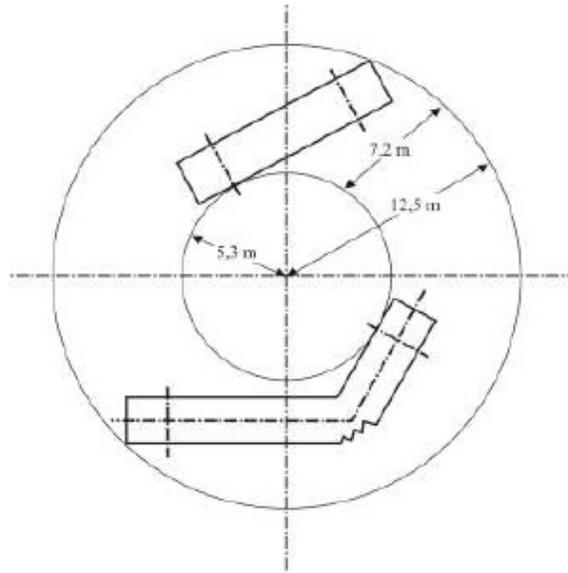
It is required that all parts of the bus shall be designed in a way that they function correctly and safely when the outside temperature is within the range from -20 °C to +50 °C.

### **1.5. Passability**

Geometrical parameters of vehicles are required to be designed in a way to provide passability on all GSP lines.

Designed front and rear access angle, as well as vehicle clearance, must not lead to any vehicle damages during the service, on all GSP lines and with current pavement state.

The geometrical parameters of the vehicle need to secure the minimum passability presented in the following figure:



#### **1.6. Allowed level of noise**

The required noise level of the vehicle is defined by the rules of allowed noise level, i.e. Regulations UN ECE 51.02 or 70/157/EC.

#### **1.7. Quality, protection from corrosion**

Design solution and the quality of production and materials installed shall secure that no larger repairs, especially expensive overhauls of chassis and carbody due to the corrosion, are needed during the lifetime of buses (minimum 12 years). It is emphasized hereunder that salt is used on the roads in case of snowfalls in winter.

#### **1.8. Intervals and forms of maintenance**

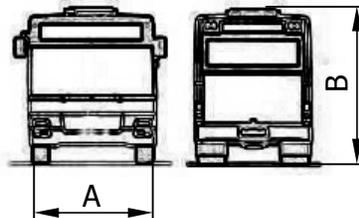
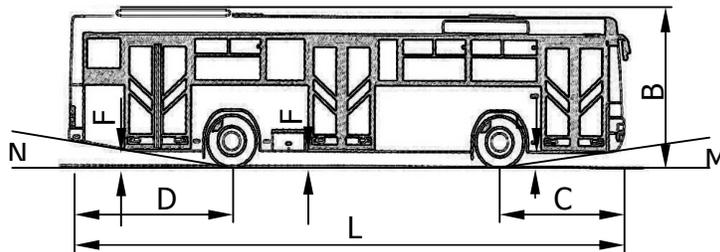
Supplier shall submit the forms for all service intervals which are foreseen according to his vehicle maintenance technology. These forms shall contain all the works which are performed on the vehicles on the occasions of their regular services. Regular service must include all costs for spare materials necessary for servicing.

### **2. VEHICLE TYPE**

The type of vehicle required by the Purchaser shall be new, solo low floor electric drive city bus (class I or class "A", pursuant to EC 2001/85 or UN ECE 107), with pantograph system of fast charging at termini and the system of electrical energy storage by batteries or ultra capacitors.

#### **2.1 Main dimensions**

Description	Specification
L- Length	12.000 mm $\pm$ 5%
A - Width	Max. 2.550 mm
B- Height (with activated pantograph)	Max. 3.700 mm
Turning radius	$\leq$ 25.000 mm
C- Front overhanging	Min. 2.600 mm
D- Rear overhanging	Min. 3.300 mm
Number of doors	Min. 2 (two-winged door on the right side)
Tire dimensions	275/70 R 22.5
Passenger seats	Min. 26
Capacity – passengers (sitting + standing)	Min. number of passengers 80
E- Saloon height	Min. 2.100 mm
F- Entrance doors height	Max. 340 mm
M- Front access angle	Max. 7°
N- Rear access angle	Max. 7°



Total vehicle mass shall not exceed legal frames ("Rule book on division of motor and combined vehicles and technical conditions for vehicles in road traffic").

### 3. DRIVELINE

#### 3.1. Traction electromotor/s

The vehicle can be supplied with one (figure no. 1) or two traction motors (figure no. 2). The installed motor/s shall meet the requirements from Rulebook UN ECE 85.00 or EC 2007/46.

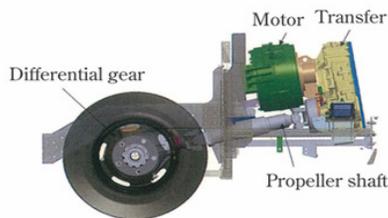


Figure no.1



Figure no.2

Other requirements of the Purchaser regarding the installed traction motor:

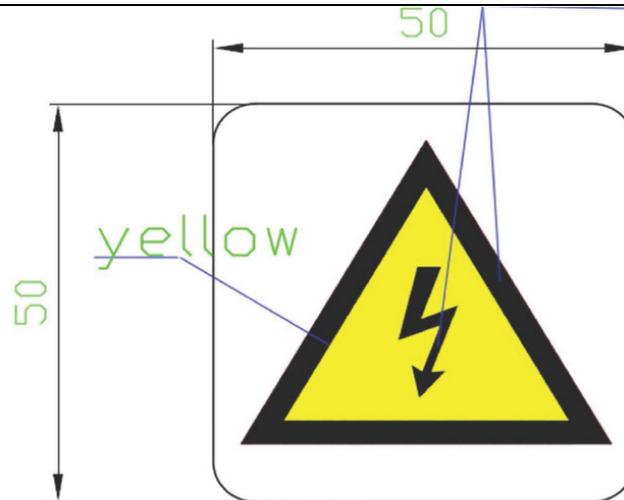
- Type of motor – asynchronous or synchronous
- Nominal total power of traction motors shall not be less than 120 kW
- With recuperation of electrical energy during braking
- Emergency cooling (air or water)
- The design of motor shall be such that it secures normal operation in the conditions of outside temperature from -20 to +50°C, without any additional requests.

#### 3.2. System of control and managing of driveline

System of control and managing regulates the supply of vehicle, i.e. of driveline and other consumers of electrical energy, regulation of the number of rotations and drive motor torque, inverting of direct into alternating current, converting of voltage and vehicle charging.

Purchaser's requirements regarding the installed system of control and managing:

- Cooling by means of cooler with coolant
- Electrical components and the system with protection from electroshock in accordance with the Rulebook ECE R100 or EC 2007/46
- All the components and devices under high voltage shall be marked with the warning label.



### 3.3. System of electrical energy storage

Electric drive bus shall be equipped with the system for storage of electric energy by batteries or ultra capacitors-UC.

Purchaser's requirements regarding the installed system of electrical energy storage

- Capacity of batteries or ultra capacitors minimum 20 kWh
- Cooling by means of cooler with coolant
- Warranty for batteries or ultra capacitors minimum 5 years in the conditions defined by item 1.3
- Conformity with Rulebook ECE R100 or EC 2007/46
- Control of the degree of emptiness of batteries or ultra capacitors on the dashboard
- Batteries or ultra capacitors shall be made of materials and components that can be recycled after the expiry of their lifetime.

### 3.4. System of charging with electrical energy

Electric drive bus shall be charged with electric energy at termini and in the depot. Installation for fast charging at the terminus shall be attached to public distribution network or catenary. Charging in the depot shall be done by "plug in" standard connector.

Purchaser's requirements regarding the system of vehicle charging with electrical energy at the terminus:

- Input voltage 3x380 V (AC), i.e. 400 -720 V (DC).  
Suggested option of charging at the terminus:  
one (1) charger (AC) and one (1) charger (DC)
- Power of charger maximum 200 kW
- Time of charging at the terminus maximum 10 minutes
- For the reasons of safety, installation for fast charging at the terminus must recognize the connection with vehicle pantograph and only then it can be under operational voltage. Upon the completion of vehicle charging, the voltage in the console and the contact must be turned off.
- Height of the contact from the ground maximum 4.8m
- Warranty for the system of charging at the terminus 5 years in the conditions defined by item 1.3
- Conformity with the Rulebook ECE R100 or EC 2007/46

Purchaser's requirements regarding the system of vehicle charging with electrical energy in the depot:

- Input nominal voltage 3x380 V (AC) or 400 – 720 V (DC)
- Power of charger 30-60 kW
- Warranty for the system of charging in the depot minimum 5 years
- Conformity with the Rulebook ECE R100 or EC 2007/46

### 3.5. Pantograph

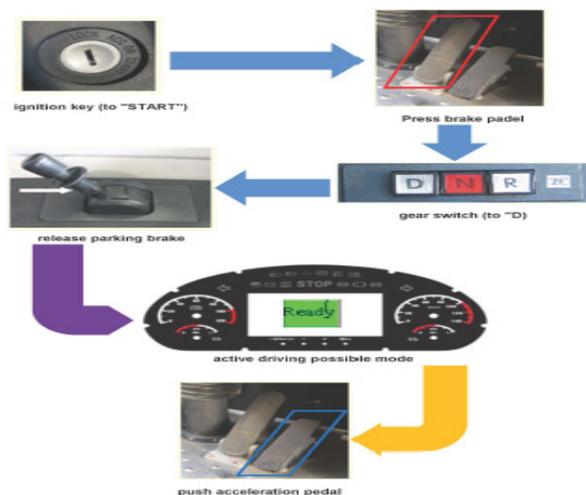
Contact between vehicle and installation for charging at the terminus is realized by mobile pantograph mounted on the vehicle roof or by mobile mechanism of charging installation which is "lowered" to the height of the vehicle where the contact is made with the pantograph fixed on the vehicle roof.

#### Purchaser's requirements regarding pantograph:

- operating voltage 600V (DC)
- Automatic recognition of charging place, lifting and lowering, on/of
- Tracking of work operation via cameras and monitors (display) from driver's place
- Conformity with the Rulebook ECE R100 or EC 2007/46

### 3.6. Transmission

The vehicle shall be equipped with automatic transmission. The transmission must comply with different topographic conditions of GSP lines, according to Item 1.3 of the Technical conditions. Gear shifting for direct, neutral and reverse gear shall be done by 3 pushbuttons (D – N – R). The transmission shall allow the realization of maximum vehicle speed between 60 and 70 km/h.



It is necessary to provide the sound and light signal for reverse gear.

## 4. SUSPENSION

Air suspension of the vehicle is required.

## 5. STEERING SYSTEM, WHEELS, AXLES

### 5.1. Steering system

The required steering system shall be of servo type, which provides better vehicle steerability.

Steering wheel shall be ergonomically set in a way that it allows sufficient visibility of the driver's dashboard. Steering wheel shall have the possibility of height and angle adjustment according to the driver's requirements.

Tank for oil in servo steering wheel shall be located in an easily accessible place. It is necessary to provide easy check of oil level from the outside.

## **5.2. Pneumatics**

The required pneumatics shall meet the requirements of Rulebook UN ECE 54 or 92/23/EC.

The bidder shall submit the data about working pressures in all pneumatics.

With double pneumatics, it is necessary to provide an extension that allows the regulation of pressure of inner pneumatic without removal of the outside one.

- pneumatics must be "tubeless" radial of CITY-URBAN type
- pneumatics shall be place inside the carbody
- the size of pneumatics shall be maximal 275/70 R 22.5
- protective leather shall be placed behind all the wheels
- wheel bolt shields shall be mounted on the front wheels

Each vehicle shall be delivered with one spare wheel.

Warranty period for pneumatics shall be at least:

- 60.000 km passed for drive axle wheels and
- 80.000 km passed for steered axle wheels.

## **5.3. Axles**

The required front axle is with dependant (rigid) or independent wheel drive system.

The bidder shall submit the data on the replacement period and the quality of oil in driving axle differential gear (if it is installed in the vehicle).

Minimal period of oil replacement in differential - 120.000 km passed.

In order to prove the offered period of differential oil replacement, the bidder shall submit an extract from the maintenance instruction or another relevant document, as well as extracts related to the quality of oils used in drive wheel differential.

## **6. BRAKES**

Braking system in the vehicle and all the brakes (service, parking and station brake) must comply with all the requirements from the Rulebook UN ECE 13 or 71/230/EC.

### **6.1. Control of the braking system (EBS/ABS)**

The vehicle shall have electronic control of the braking system, which shall communicate with other steering units in it.

## **7. LOWER FRAMEWORK AND THE BUS CARBODY**

### **7.1. Lower framework, carbody, outer lining and the vehicle colour**

**Lower framework** of the vehicle shall be manufactured in a way to provide anti-corrosion protection for vehicle lifetime of 12 years, without treatment of protection from the occurrence corrosion. The bidder is obliged to describe the technology of repair of carbody frame, as well as carbody itself, which provides the same anti-corrosive resistance as the vehicle had before the occurrence of damage. Wheel drums, middle side walls, floor and battery compartment shall be made of **stainless** or equivalent material. Wheel drum zone shall be resistant to penetration in order to avoid any danger for passengers. Lower subfloor part shall be covered with a paint resistant to wearing. All parts of vehicle structure shall be protected from corrosion from inside and outside. The protection of welding at the lower part of the structure is mandatory. **Carbody** shall be of "heavy-duty" structure, made of square pipe profiles (minimum quality **ferritic 1.4003**).

**Outer linings** shall be made of materials resistant to corrosion and atmospheric influences with foreseen lifetime of minimum 8 years.

All side covers shall be made with the hinge system, with locking in closed position enabled at minimum 2 places and fixing in end opened position.

**Vehicle paint** shall allow sticking and removal of advertising labels without damaging of the colour. The required warranty period for the paint shall be at least 6 years. The colour plan shall comply with the GSP standard, which shall be submitted to the Awarded Bidder.

Lifting points for crane shall be visibly marked.

The bus shall be equipped with the hook and secured peg for towing. The instruction for usage of towing elements shall be submitted along with the vehicle technical documentation.

## **7.2. Glassware**

Entire glassware mounted in the vehicle shall meet the requirements from the Rulebook UN ECE 43.

### **7.2.1. Side glasses**

The required **side glasses** are made of safety glass glued to the vehicle carbody. All side glasses and windows shall be shaded (sun protection). Certain side windows shall have the possibility to be opened to provide sufficient ventilation in case of failure of air-conditioning device. If a special key needs to be used, a set of 2 keys shall be delivered with each vehicle.

Driver's cabin shall be equipped with one sliding window, positioned left from the driver. Plastic windshield shall be mounted on this window in a way that its dimensions do not affect determination of vehicle width.

The bus shall have emergency exits compliant to the law, which shall be permanently and clearly marked, including the instruction for their opening, in Serbian language. Next to each emergency exits, the appropriate tool needed for their opening shall be set (e.g. hammer, pulling cord...).

### **7.2.2. Windscreen glass**

**Windscreen glass** shall be a single-piece one, homologated according to the Rulebook UN ECE 43 or 92/22/EC.

### **7.2.3. Door glasses**

**Door glasses** shall be protected by handrails (from the inside) at the places where passengers stand. Door glasses shall be made of reinforced, shaded, safety glass which is glued to vehicle doors. The glass of front doors' first wing shall be thermally insulated (thermal break).

## **7.3. Doors**

The bus shall have at least two (2) doors on the right side for passenger entrance/ exit, double-winged with minimum width of 1200 mm, opened inwards.

Electro-pneumatic doors are required.

**Door operation control** is remote, over the driver's dashboard equipped with switches for separate control of each of the doors, one switch for opening-closing of all doors simultaneously and one switch for disengagement of the first door's right wing independently from the operation of other doors. The door openness shall be indicated by lights on switches for door opening-closing.

Doors shall be blocked during driving.

It is required that the vehicle cannot be moved when the door is open.

It is necessary to provide opening of doors from the inside, as well as from the outside in case of emergency by means of safety valves for door opening. These valves shall be placed next to all of the doors. Doors shall have safety mechanism in case a passenger gets stuck.

Installation of warning sound signal for door opening and closing is required.

Outward lock shall be mounted on the main (front) door and inward locks on all other doors.

It is necessary to provide additional LED lighting in the door zone, which shall completely illuminate entrance and exit steps.

#### **7.4. Auxiliary platform for wheelchairs**

It is requested to install an auxiliary platform (ramp) for entrance and exit of disabled people in wheelchairs at the second door.

The platform shall be manual, i.e. mechanic.

The platform shall have carrying capacity of minimum 300 kg.

#### **7.5. Air-conditioning device**

Installation of **air-conditioning device** in the vehicles is required. The installed air-conditioner shall be of the sufficient capacity to enable cooling through the entire vehicle during the service.

Required power of air-conditioning device in cooling regime is minimum 24 KW. Air condition shall be able to recirculate the air, as well as to treat fresh air which is fed into the vehicle.

Distribution of treated air shall be conducted through passenger saloon by means of special channels.

Outer unit shall be equipped with replaceable filters for air intake.

There shall be at least 1 opening (luffer) in the vehicle roof intended for vehicle ventilation, which is activated by means of electronic control on driver's dashboard.

#### **7.6. Heating in the vehicle**

Vehicle heating system can be electrical or of "Webasto" type, with the heaters of either radiator or calorifier type. The required power of heating system is minimum 30 kW. Special air temperature regulators shall be installed in the passenger area and driver's cab. For "Webasto" heating type, the volume of the tank for diesel fuel shall be at least 15 liters.

The bidder shall submit the drawing of arrangement of all radiators and heaters in the vehicle.

The heating system shall comply with UN ECE 122 or 2001/56/ECE.

#### **7.7. Passenger information system**

All the devices in the vehicle shall meet the requirements from the Rulebook UN ECE 10 or 72/245/EEC with amendments 2009/19/EC.

Passenger information system shall be integrated in the system of ticket collecting and vehicle control in the public transport in Belgrade.

In order to inform the passengers from the outside, the following shall be provided:

1. Led indicator of line number and destination with electronic display at the front side, with resolution of at least 16x160 and minimal dimensions of 220x1600mm (Cyrilic/Latin alphabet).
2. Led indicator of line number and destination with electronic display on the side of the vehicle after the first door, with resolution of at least 16x96 and minimal dimensions of 220x1100mm (Cyrilic/Latin alphabet).
3. Led indicator of the line number at bus rear side (4 digits) with resolution of at least 16x32 and minimal dimensions of 220x320 mm.

In order to inform the passengers aboard, the following shall be provided:

- Inner led display – one piece (located inside the vehicle in the front part behind the driver's cabin) which informs passengers about the time, date, line, destination and next stop. Dimension minimum 100x750 mm. (Cyrilic/Latin alphabet).
- Acoustic announcement of stops, synchronized with the system of ticket collecting and vehicle control in the public transport of Belgrade.

## **7.8. Mirrors**

Mirrors shall comply with the requirements from the Rulebook UN ECE 46 or 2003/97/EC.

It is necessary to mount **exterior mirrors** equipped with the heating system, at the positions which allow driver's full visibility. Mounted rear view mirror holders need to have the possibility of manual adjustment.

**Interior mirrors** in the vehicle shall be arranged in a way that a driver is able see all doors, as well as entrance/exit areas of all doors from his seat.

## **8. INTERIOR DESIGN**

### **8.1. System of mobile video surveillance**

Vehicle interior shall be equipped with the system of mobile video surveillance.

Video surveillance cameras shall be placed in a way that they cover the entire vehicle interior (passenger saloon and driver's cabin), space in front of the doors (viewed in the moving direction), exterior space in the zone of all entrance doors and the entire exterior space left from the driver and behind the vehicle, as well as space in the zone of pantograph and catenary during the vehicle charging.

Cameras shall be of anti-vandal design, compliant with the standard EN 62262, category IK08, where the exterior cameras need to satisfy the level of protection minimum IP67 and the interior ones minimum IP65.

Installed equipment shall allow operation in all weather conditions, 24 hours a day and the recorded material shall be clearly visible.

The system enables recording of video content from IP cameras to digital video recorder (MNVR), which is foreseen for operation in the vehicle and possesses redundant system for storage of video material in the very device. The capacity of medium for data storage shall be designed in a way to keep the data from all cameras at least for 7 days, in the resolution of 3 Mpcs per each of the cameras.

All connections in the video surveillance system shall be realized through M12 connector. All connections shall be placed inside the vehicle.

MNVR shall be in compliance with the standard EN 50155 or ISO 16750 and shall have the possibility of remote access to all settings, remote control and transmission of live footage, as well as recorded material by means of 3G and Wi-Fi technology. The device shall have integrated GPS navigation and the data presented in the video of each camera must contain minimum the following:

- camera number,
- date and time,
- accurate vehicle location (GPS coordinates),
- vehicle speed,

The device shall have automatic time setting via GPS, as well as automatic updating from daylight saving time to standard time and vice-versa.

The device shall have the possibility of sending the ALARM FOOTAGE to the monitoring centre in case of activation of panic pushbutton (paragraph 8.6.) and the possibility of making changes in the defined protection zones of camera field of view. Protection zones shall be defined afterwards, in agreement with the Purchaser, prior to the delivery of vehicles.

There shall be visible label in the vehicle saying that it is under video surveillance.

### **8.2. Interior equipment**

Vertical handrails shall be installed at all the seats next to the passageway.

Horizontal handrails shall be mounted all along the bus. Handrail diameter shall not be less than 20 mm and larger than 45 mm. Each handrail (horizontal and vertical) surface shall be slip resistant. None of the handrails shall be less than 800 mm and more than 1900 mm far from the floor.

Pushbutton for signalling the request for bus stopping (STOP) shall be placed next to each door.

All labels with names and symbols shall be compliant with the Purchaser's requests.

It is necessary to provide simple opening of side covers on the roof for access to the equipment stored inside the roof.

**Colour of vehicle interior** shall be agreed with the Purchaser.

### 8.3. Floor

Floor shall be made of water-resistant non-skid material WBP or EN 314 class 3. Floor non-skid lining shall meet the following characteristics:

- THICKNESS shall be minimum 2 mm
- SPECIFIC weight shall be minimum 2000 g/m<sup>2</sup>
- FLAMMABILITY of floor lining shall meet the Rulebook UN ECE 118 or 95/28/EC
- SKIDNESS of floor lining shall comply with:
  - EN 13845           Esf
  - DIN 51130         R10
  - ISO 9352
- Floor lining shall be resistant to diluted acids and bases.

Easy cleaning (dry and wet) needs to be provided. Joints between surfaces shall permanently prevent water penetration.

### 8.4. Area for the disabled passengers

The vehicle shall be equipped with safe area near the second door for securing the wheelchairs of disabled persons. The wheelchairs shall be secured with belts installed in the vehicle. Belt connections shall be installed in accordance with the Rulebook UN ECE 14 or 2001/85/EC.



*Example of the area for disabled persons and baby prams*

The STOP pushbutton shall be installed in this area, so that driver is informed about the intention of people using wheelchairs to exit the vehicle.



*Example of „STOP"pushbutton*

### **8.5. Seats**

Seats shall be of anti-vandal design.

The bidder is obliged to submit the drawing of complete arrangement of the seats, including the alternatives as options. The number of seats cannot be less than 26, out of which at least 2 are intended for mothers with children and elderly people.

Installed seats shall be self-supporting, made of hard plastic without textile upholstery and anatomically shaped as separate seats.

If possible, seats should not be attached in a way that floor area is not limited. Seat backs shall have handrails. Minimal width of the seats shall be 440mm.

The awarded bidder shall propose the colour to the Purchaser. Purchaser shall make the final decision on the colour of all seats in the vehicle.

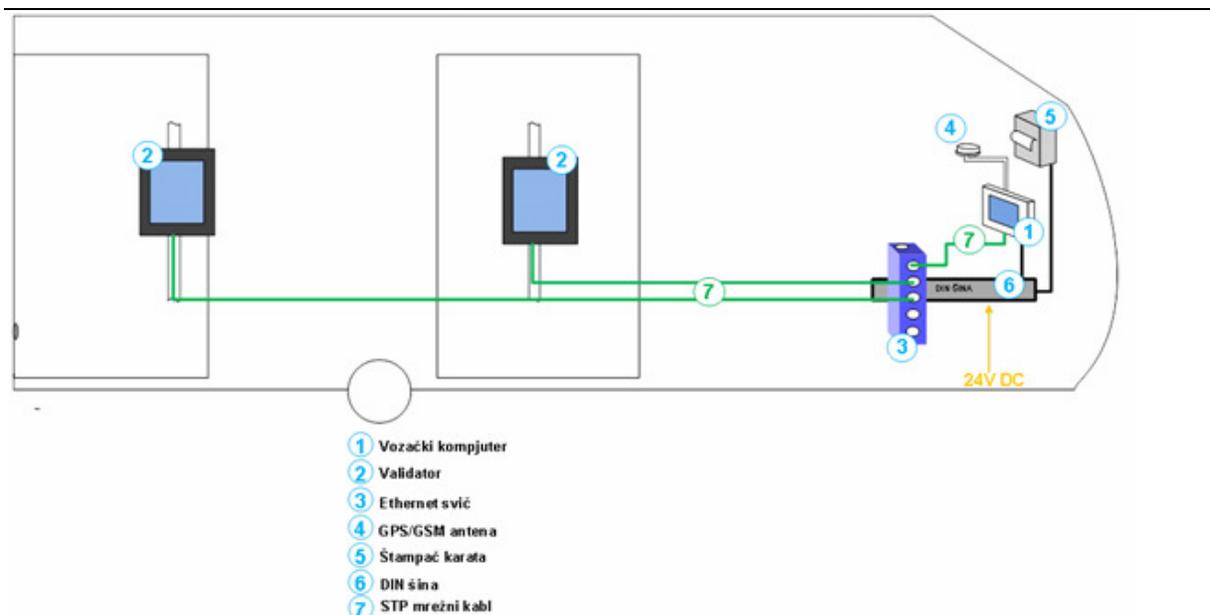
### **8.6. System for ticket collecting and remote vehicle monitoring**

Vehicles shall be equipped with the devices for ticket collecting and remote vehicle monitoring. The system in the vehicle, as well as separate devices shall be compatible with the system for vehicle control and ticket collecting which is already in use in the public transport of Belgrade.

Set of devices per vehicle includes:

- 1 driver's computer
- 1 ticket printer
- 1 combined GSM/GPS antenna
- 1 panic pushbutton – pedal
- Validators for ticket reading (one per each passenger entrance/exit door)
- 1 or more PoE switches for network distribution
- Accompanying mounting support
- Necessary connecting cables (STP LZOH bast conductor cat 5e for computer network)
- Cables for connection to the vehicle supply (+24v, GND, contact)
- Din rail with modules for connecting and fuse module minimum 7.5A

Block diagram is presented in the picture.



Basic features of the devices are the following:

1. Driver's computer  
It shall be equipped with touch screen, with diagonal not less than 7" and the slot for contactless card the dimensions of which are defined by standard ISO 7816. Regarding communication modules, it shall be equipped with 3G modem, Wi-Fi module, MiFar plus antenna and RJ45 PoE Ethernet port.
2. Printer  
Thermal printer used for thermo rolls of 57mm with the printing speed not less than 100 mm/s. It shall operate in the range of 22-26V
3. Combined antenna  
Combined GSM/GPS antenna with appropriate SMA connectors.
4. Panic pushbutton - pedal  
Footpedal with micro switch of 10A/220V
5. Validator  
It shall be equipped with touch screen, with diagonal not less than 7". Regarding communication modules, the validator shall be equipped with MiFare plus antenna and RJ45 Ethernet port.
6. Switch  
Switch shall have at least 5 PoE port and shall be equipped with the set for mounting on din rail.
7. Din rail  
Din rail shall be at least 25 cm long with modules: 16 bipolar stab terminals 2.5 mm<sup>2</sup>/2A, 2 four-polar stab terminas 2.5 mm<sup>2</sup>/4A and module/support for glass fuse with glass fuse 7.5A.

Driver's computer and printer shall be positioned in a way that they are easily accessible to the driver and that they do not obstruct driver's visibility and access to his workplace (driver's seat).

### 8.7. System for automatic counting of passengers' entrances and exits

The vehicle shall be equipped with the system for automatic counting of passengers' entrances and exits.

Detection sensors shall be installed in all doors and protected from outside influences in metal housing.

All the connections in the system are realized over M12 connectors and all sensors shall satisfy at least IP65 protection level.

For keeping and processing of data, it is necessary to foreseen LAN connector accessible to an authorized technical person. System in the vehicle, as well as each of the devices shall be compatible with the system for automatic counting of passengers which is already used in Belgrade's public transport (recommended system for automatic counting of passengers is "IRIS").

### **8.8. Wireless internet system (Wi-Fi)**

The vehicle shall be equipped with closed isolated place for installation of Wi-Fi/3G router, as well as for the power supply of 12V for connection, all according to the Purchaser's instructions. Minimum required characteristic of **Wi-Fi** is:  
3G router D-Link DWR-512.

There shall be visible label in the vehicle saying that it is equipped with wireless internet (Wi-Fi).

### **8.9. Other equipment on the vehicle**

Vehicle shall be also equipped with the following equipment:

- Minimum 5 hammers for window breakage in case of emergency, placed in the driver's cabin and the passenger saloon,
- Four wedge-shaped supports,
- Two fire extinguishers type S-6 with CO<sub>2</sub> bottles inside them. Both of them shall be placed in the front part of the vehicle and easily accessible to the driver.

In the driver's cabin, it is necessary to provide a separate space with the possibility of locking, for storage of the following equipment:

- Two first-aid kits, compliant with SRPS Z.B2.001,
- One reflective warning triangle,
- One reflective vest.

## **9. DRIVER'S WORKPLACE**

### **9.1. Driver's seat**

Driver's seat shall have the possibility of adjustment forward, backward and vertically. There shall not be any levers, handles for adjustment etc. sticking out of the seat. Seats shall be equipped with pneumatic control system and shall be adjustable to the driver's weight.

### **9.2. Driver's cabin**

Driver's cabin shall fulfill the following requirements:

- Driver's cab shall be designed as a partially open one.
- The cabin wall behind the driver shall be closed, from the floor to the ceiling
- Driver's cabin shall be equipped with door entrance door. The door needs to prevent physical access to the driver from the passenger saloon and, at the same time, the driver needs to be provided with a complete visibility of the first door area. On the right side, there shall be an opening in the cabin door, intended for ticket selling.
- Driver's cabin shall be equipped with the light above the driver and it shall have the possibility of regulation.
- Driver's cabin shall be provided with optimal heating and cooling.
- Driver's cabin shall be equipped with a compartment for first-aid kit, reflective vest and triangle, as well with a compartment for driver's personal things, with the possibility of locking.
- Trash bin shall be easily accessible to the driver. It shall have the security which prevents moving during the ride and the possibility of easy emptying.

**Driver's cabin colours** – to be agreed with the Purchaser

### **9.3. Tachograph**

Vehicle shall be equipped with digital tachograph, according to the valid Law of traffic safety of the Republic of Serbia. („The Official Gazette of the Republic of Serbia” No. 41/2009, 53/2010, 101/2011, 32/2013 – decision of the Constitutional Court and 55/2014).

Vehicles shall be delivered with calibrated tachograph. In case of any intervention on the vehicle within the warranty period, which requires calibration of tachograph, its expenses shall be covered by the awarded bidder.

### **9.4. Driver’s dashboard**

Dashboard shall have digital “ON BOARD” display.

**Indicators on the dashboard** or “ON BOARD” display:

- vehicle speed indicator
- ultra capacitor fullness indicator, i.e. batteries
- engine, control unit and ultra capacitor temperature indicator
- air pressure circuits by braking circuits
- vehicle status indicator (permission/ready to drive)
- indicators for all light devices
- openness indicators for all doors
- EBS indicators
- parking brake indicator
- station brake indicator

On the instrument panel there shall be a red-coloured warning sign “STOP”, which is lit up together with at least one of the following indicators:

- insufficient pressure in the braking system
- insufficient oil level in the servo steering system
- too high coolant temperature
- insufficient level of coolant in the system
- disturbance in control unit operation

**Warning sound signals** which shall be activated simultaneously, minimally in one of the following cases:

- insufficient pressure in pneumatic installation
- too high coolant temperature
- Insufficient level of coolant in expansion dish.

### **9.5. System for monitoring of vehicle functions (OBD system is mandatory)**

Vehicle shall be equipped with an independent computer system for continual monitoring of electronic control units and error detecting.

The data of these functions shall be shown on “ON BOARD” display, which is the component part of driver’s dashboard.

### **9.6. Protection from sun**

Adjustable protection from the sunlight is required on the left half of windscreen glass and on the driver’s window on the left side. The adjustable visors shall not limit the driver’s field of view.

## **10. COMPRESSED AIR SYSTEM**

Implementation of pneumatic system that guarantees the protection from freezing up to -25oC is required.

Other requirements regarding pneumatic system:

- Pneumatic system shall be equipped with the following parts for air preparation:
  1. Oil separator
  2. Air dryer with pressure regulator
- Compressor capacity is designed for a large number of opening-closing of doors and frequent braking. Compressor relief time shall be as long as possible.
- Air tanks shall be made of stainless material and shall be marked (permanently and clearly), e.g. braking circuit 1, braking circuit 2, etc.
- Air ducts shall be installed in a way that would prevent the occurrence of friction, mutual or with other elements of the vehicle. Sufficient distance from the components giving off heat needs to be secured.
- Test connectors shall be provided for all the components of pneumatic system and located at the same place.

## **11. FIRE PROTECTION**

All materials installed shall be self-extinguishing and compliant with the Rulebook UN ECE 118 or 95/28/EC.

Vehicle shall have the device for automatic fire alarm. The system of automatic fire extinguishing is required.

## **12. ELECTRICAL EQUIPMENT**

### **12.1. Light signalling**

Installed light devices shall meet the requirements of the Rulebook UN ECE 48 or 76/756/EC.

Daily lights and rear lights of the vehicle shall be of LED diode type.

All the signaling on the instrument panel shall be compliant with the Law on Traffic Safety of the Republic of Serbia.

### **12.2. Windscreen glass wipers**

Electric drive windscreen wiper mechanism is required, with minimum two speeds and intermittent wiping.

Windscreen wiper trace shall be sufficient, so that the non-wiped area does not cover exterior mirrors, i.e. the entire surface of exterior mirrors shall be in the zone of wiped areas, looking from the driver seat.

Capacity of the tank for windscreen washer fluid shall be at least 4 liters. The tank shall be filled from the outside.

### **12.3. Lights in passenger saloon**

Interior lighting shall be mounted longitudinally all along the bus, of LED diode type. Interior lighting in the front part of the vehicle shall not create reflection on the windscreen glass which might disturb the work of the driver.

### **12.4. Speedometres**

The speedometers required shall be in compliance with the Rulebook UN ECE 39 or 76/443/EC. Speedometre shall be placed on the dashboard or shall be a part of „ON BOARD“ display of instrument panel.

The speedometer shall have LCD display showing minimum the following information:

- date
- time
- mileage and

- diagnostic information.

### **12.5. Cable installations**

All cables shall be marked with numbers. All circuit breakers installed shall be automatic.

At the places where installation passes through or by metal parts of the chassis, it shall be insulated by rubber glands.

## **13. DELIVERY TERMS**

### **13.1 Inspections**

During the phase of production of E-buses, the inspection team of the Purchaser shall conduct two inspections of vehicles in production. The expenses of these inspections shall be covered by the awarded bidder. Purchaser's expert team shall consist of not more than 3 representatives. One inspection shall last for not more than five working days. All needed '0' tests and functional trials before the delivery shall be conducted in the manufacturer's factory.

Checking of characteristics and quality of the parts and materials - during any of the phases of bus production, if GSP requires the check of offered characteristics and quality of spare parts, components and materials, the awarded bidder is obliged to submit the requested documents 7 days upon the receipt of written request at the latest.

## **14. BUS WARRANTY**

Bus manufacturer warranties for the production, condition and function of vehicles to be delivered, as well as for the usage of materials in accordance with the provisions of technical description.

Bus manufacturer shall have an authorized service.

Bidder shall submit, as a part of his bid, a complete statement of warranty. The warranty refers to the entire vehicle. The statement of warranty shall include conditions and waivers of the warranty, in all according to the Purchaser's requirements.

The warranty shall include minimum the following requirements:

- The total warranty period for the entire bus shall be minimum 24 months or 200,000 km passed ("what comes first"). The warranty period starts from the moment of vehicle registration, i.e. its inclusion into regular service.
- Warranty period for carbody, chassis and floor assembly, including the floor (without floor lining) shall be at least 12 years for the sufficient protection from corrosion with no need for corrective measures (bus lifetime). After the expiry of 2-year or 200,000 km passed warranty for the entire vehicle, the supplier's authorised service shall conduct the inspection of carbody, chassis and floor assembly at least once a year, checking the status of each vehicle. If corrosion appears it would be treated under the warranty terms.
- Warranty period for batteries or ultra capacitors shall be minimum 5 years.
- Warranty period for chargers at termini shall be minimum 5 years.
- Warranty period for charger in the depot shall be minimum 5 years.
- Warranty period for paint (Purchaser accepts at least 6 years)

The awarded bidder is obliged to repair all defects occurred due to inadequate design solution of production or material, within the warranty period, without delay and free of charge. The awarded bidder delivering buses shall pay for all damage caused at accompanying elements of initially damaged part, caused by the defect of a component during the warranty period.

### **14.1. Vehicle servicing within the warranty period**

During the warranty period, the supplier is obliged to start with intervention and to diagnose damage at the Purchaser's location within 48h from the receipt of Purchaser's notice by e-mail or fax at the latest. During the warranty period, the parts shall be delivered at Purchaser's request within 7 working days at

the latest. In case of occurrence of certain special or unexpected circumstances, the deadline for defect repair can be longer than foreseen, with the Purchaser's consent.

For parts, components and assemblies replaced within the warranty, the warranty conditions shall be applied from the date of their replacement and up to the expiry of the total warranty for vehicle.

The Purchaser conducts servicing of delivered vehicles according to the supplier's Plan of maintenance within the warranty period in the purchaser's service workshop. The awarded bidder is obliged to provide the staff training, spare parts at Purchaser's demand and advisory assistance by means of mobile or land telephone line.

The awarded bidder shall bear costs of all consumables and shall be calculated within the value of the offer.

#### **14.2. Delivery of spare parts after the expiry of warranty period**

Manufacturer guarantees the availability of components and spare parts necessary for bus operation during the period of minimum 12 years after the delivery of all buses. Submission of Statement of Manufacturer is obligatory.

#### **14.3. Charging for time spent out of service and transfers during the warranty period**

The time spent out of service due to technical defects during the warranty period, after the Awarded Bidder's response (48 hours) and the following 7 working days, if the vehicle is out of service, it shall be charged:

- 150 EUR net daily per vehicle.
- If certain special or unexpected circumstances occur, the deadline for defect repair can be longer than foreseen, with the Purchaser's consent, in which case the time spent out of service during the warranty period shall not be charged.

### **15. TRAINING FOR DRIVING AND USAGE OF THE VEHICLE, DOCUMENTS ON VEHICLE HANDLING AND MAINTENANCE AND DIAGNOSTIC DEVICES**

Costs for all trainings are covered by the Awarded Bidder. The training shall be carried out at the location of GSP "Beograd".

#### **15.1. Training for vehicle driving**

The supplier shall organize and conduct at his own expense the training of drivers' instructors and other professional persons not later than 15 days prior to vehicle releasing into regular service.

The training shall include the following minimal requests:

##### **Theoretical introduction of the vehicle to the drivers' instructors**

Minimum topics of this training shall be:

- Topic: Familiarization with all the elements of dashboard
- Topic: Familiarization with all the vehicle controls
- Topic: Familiarization with all the systems in vehicle
- Topic: Familiarization with all the warning signals
- Topic: Familiarization with all the safety systems and actions in vehicle
- Topic: Familiarization with the safety measures
- Topic: Tachograph – handling, elements of correct tachograph exploitation
- Topic: Familiarization with the preparation of vehicle for traction and the realization of traction

##### **Practical introduction of the vehicle to the drivers' instructors**

This training shall be performed in GSP. Minimum topics of this training shall be:

- Topic: Practical familiarization with the vehicle starting
- Topic: Practical familiarization with all the vehicle controls

- Topic: Practical familiarization with all the systems in the vehicle
- Topic: Practical familiarization with wheelchairs and prams boarding and exiting
- Topic: Practical familiarization with all the warning signals
- Topic: Practical familiarization with all the safety systems and actions in the vehicle
- Topic: Practical familiarization with station brake operation
- Topic: Practical tachograph handling, control periods, error elimination
- Topic: Handling of pantograph and the charging system, safety measures
- Topic: Practical familiarization with the preparation of vehicle for traction and the realization of traction

Within the scope of training, the Awarded Bidder shall deliver all necessary literature in Serbian language (in electric form).

## **15.2. Training of Purchaser's staff for servicing and repair of vehicles**

It is necessary to train the Purchaser's staff for vehicle maintenance. All trainings shall be completed no later than 15 days prior to vehicle releasing into regular service. After the training, the staff shall be capable of performing the works by themselves within the warranty period, as well as maintenance after the expiration of the warranty period. The Purchaser shall submit the plan of detailed training program.

Service agreement shall precisely define the obligations of both Supplier and Purchaser.

The training shall foresee the following minimal requests:

### **15.2.1. Training for vehicle servicing –**

Minimum topics of this training shall be:

- Topic: Familiarization with relevant data about the vehicle
- Topic: Familiarization with documentation
- Topic: Familiarization with the interpretation of the results obtained from diagnostic devices
- Topic: Familiarization with necessary tools for vehicle servicing – chassis and carbody part
- Topic: Type of mandatory vehicle services, periods of regular maintenance of the whole vehicle
- Topic: Way and methods of mandatory vehicle services performing, vehicle lifting, suspension, control places, method of certain assembling checking
- Topic: Maintenance materials, spare parts, standards for fluids necessary for mandatory vehicle services
- Topic: Familiarization with the safety measures during vehicle servicing
- Topic: System of vehicle air supply, pneumatic components, control, replacement of certain assemblies, adjustments
- Topic: Vehicle door system, functioning, components, replacement of certain components, door maintenance, adjustments
- Topic: Familiarization with electrical and electronic components in the vehicle

### **15.2.2. Training for maintenance of traction engines**

### **15.2.3. Training for usage and maintenance of the system of control and driveline managing**

### **15.2.4. Training for usage and maintenance of chargers for fast and slow charging of E-bus with electrical energy**

### **15.2.5. Training for usage and maintenance of batteries or ultra capacitors**

### **15.2.6. Training for usage and maintenance of pantograph**

### **15.2.7. Safety measures**

**15.2.8. Training for servicing of gearboxes and axles**

**15.2.9. Training for air-conditioning devices and the heating system**

**15.2.10. Training for servicing of EBS/ABS system**

**15.2.11. Training for handling and maintenance of video surveillance system**

**15.2.12. Training for handling and maintenance of the system for automatic counting of passengers entrances and exits**

**15.3. Training for warranty requirements and operational resources of assemblies in the vehicle**

- Topic: Training for warranties and warranty conditions, warranty validity period, way of complaints about certain assemblies, conditions of warranty repudiation
- Purchaser shall assign professional staff that the Supplier is obliged to train for the preparation of warranty reports.
- Purchaser shall provide the appropriate warehouse for the storage of the warranty parts. The Awarded Bidder can check the storage condition and make suggestions regarding the fulfillment of conditions for correct storage.

Within the scope of the training, the Awarded Bidder shall deliver to all training attendees the necessary literature for the foreseen works, in electronic form.

**15.4. Documents on vehicle handling and maintenance**

The following documents shall be delivered free of charge in printing and electronic form in Serbian language, 15 days prior to the delivery of buses, at the latest. Updating of these documents shall be provided during the period of 12 years. The documentation shall consist of the following items:

- User manual for each delivered bus, with necessary modifications and supplements specific for the delivered model (mandatorily in Serbian language also),
- Workshop manuals (mandatorily in Serbian language also) (2 sets) with information on all needed:
  - machines and tools for vehicle maintenance,
  - measuring instruments for vehicle maintenance,
  - cooling fluids
  - and all lubricants needed for vehicle maintenance
- Workshop drawings (5 sets), containing:
  - drawing of the offered bus from four different angles,
  - plan of carbody panels,
  - drawing of front vehicle grating,
  - drawing of side vehicle grating,
  - drawing of rear vehicle grating,
  - drawing of roof vehicle grating,
  - drawing of lower vehicle grating,
  - floor drawing
  - drawing with locations of handrails and handgrips
  - drawing of electrical installation – schematic (minimum format A1)
  - drawing of electrical installation – conducted state (minimum format A1)

- drawing of pneumatic installation – schematic (minimum format A1)
- drawing of pneumatic installation – conducted state (minimum format A1)
- drawing of lubrication scheme
- drawing of heating and cooling scheme – schematic (minimum format A1)
- drawing of heating and cooling scheme – conducted state (minimum format A1)
- Instructions on measures for anti-corrosion protection (maintenance method and detailed instruction on smaller repairs) (mandatorily in Serbian language also)
- Information regarding health protection at work (mandatorily in Serbian language also)
- Manufacturer's catalogue of spare parts and aggregates (4 sets) in electronic form or other methods of storage and takeover of data on modifications (updates) needed during the lifetime of bus (12 years). (Spare parts catalogues shall include comparative "cross-reference" list, with catalogue numbers of manufacturers of spare parts).
- RAL paints (GSP standard), exact designation of the paint manufacturer, as well as precise designation of the components for bus painting preparation

## **15.5. Diagnostic devices**

### **15.5.1. Diagnostic device for monitoring of parameters of maintenance and exploitation of vehicles**

It is necessary to deliver at least 2 laptops. It is necessary to deliver licensed software in English language on at least 2 CDs or other data carriers, with all necessary passwords and authorizations for reinstallation of the software. The awarded bidder shall pre-install softwares for all types of diagnostic used on the vehicle.

### **15.5.2 Diagnostic device for video surveillance system**

Diagnostic device for video surveillance system shall consist of at least the following components:

- Lap top computer (1 piece) with minimal features:
  - CPU: INTEL Core i5
  - RAM: 8GB
  - HDD: 1TB
  - DVD-RW
  - OS: MS Windows 7 Pro
  - Optical mouse and the bag from lap top producer
- Accompanying interface and cables necessary for reading and migration of data from MNVR to lap top (1 piece)
- Licensed software of MNVR producer for transfer and processing of video material which shall stay in permanent possession of PUC GSP "Beograd", with no need for license renewal (3 pieces).

### **15.5.3 Diagnostic device for the system of automatic counting of passengers' entrances and exits**

Diagnostic device for the system of automatic counting of passengers' entrances and exits shall contain minimum the following components

- Accompanying interface and cables necessary for reading and migration of data from the system to the lap top delivered with the video surveillance system (1 piece)
- Licensed software the system producer for transfer and processing of data which shall stay in permanent possession of PUC GSP "Beograd", with no need for license renewal (3 pieces).

### **15.5.4 Software and interface for reading the data from digital tachograph**

Supplier is obliged to deliver the licenced Software and interface for reading and processing of the data obtained from digital tachograph installed in the vehicle which is the subject of this procurement.

**NOTE:** It is obliged to provide unique, independent and grouped access from all the systems (from items 15.5.1 - 15.5.3), if the possess LAN connection. All LAN connections and modules shall be conducted with „Halogen free“ cables of category SFTP cat 6.

## 16. PURCHASER'S SUGGESTIVE LISTS

### 16.1. Suggestive lists of parts

#### 16.1.1 Filters-strainers

1	2	3	4	5	6
Item	Item description	Quantity	Catalogue number	Name of manufacturer	Measuring unit
1.	Steering system filter insert	10			piece
2.	Air dryer insert	10			piece
3.	Air conditioner coolant filters (dryer)	10			piece
4.	Air conditioner air filters for vehicle interior (set per roof unit)	1			set
5.	Air filters (metal) of roof evaporators (set per roof unit)	1			set

#### 16.1.2 Braking system and parts of drive and steered axles

1	2	3	4	5	6
Item	Item description	Quantity	Catalogue number	Name of manufacturer	Measuring unit
1.	Drive axle EBS wheel speed sensor	2			piece
2.	Front axle EBS wheel speed sensor	2			piece
3.	Driving wheel bolt (stud)	10			piece
4.	Front wheel bolt (stud)	10			piece
5.	Wheel nut	10			piece
6.	Drive axle Tristop brake cylinder	1			piece
7.	Front axle diaphragm brake cylinder	1			piece
8.	Drive axle cushion- air bellow	10			piece
9.	Front axle cushion- air bellow	10			piece
10.	Front axle shock absorber	1			piece
11.	Drive axle shock absorber	1			piece
12.	Front axle bearing link – set	1			set
13.	Pushing drag link – set	1			set

14.	Front axle span link	1			piece
-----	----------------------	---	--	--	-------

### 16.1.3 Spare parts of auto electricity and carbody

1	2	3	4	5	6
Item	Item description	Quantity	Catalogue number	Name of manufacturer	Measuring unit
1.	Handle for turn signal and wiper	2			piece
2.	Exterior light signalling – set for one vehicle	1			set
3.	Wiper lever-blade support – set for one vehicle	1			set
4.	Bumpers – set for one vehicle	1			set
5.	Wiper blade	10			piece
6.	Switch for door opening on the dashboard – set for one vehicle	1			set
7.	Main brake valve of EBS	2			piece
8.	Mirrors with supports – exterior and interior – set for one vehicle	1			set
9.	Glasses for exterior and interior mirrors – set for one vehicle	1			set
10.	Glass – set for one vehicle	1			set

*Note: When preparing the bid, every bidder is obliged to consider Purchaser's Suggestive List (spare parts and components from the list are to be delivered along with the vehicles). Extraordinary, if the offered bus does not contain some of the parts from the list, the bidder can exclude that part with explanation. In accordance with the offered bus, the bidder can possibly expand the list of spare parts and components (item 16.1.6).*

### 16.1.4 List of additional spare parts, components, tools, equipment and special devices according to bidder's estimation

1	2	3	4	5	6
Item	Item description	Quantity	Catalogue number	Manufacturer name	Measuring unit
1.					
2.					
3.					
...					

**V REQUIREMENTS FOR THE PARTICIPATION IN THE PROCEDURE OF PUBLIC PROCUREMENT FROM ARTICLES 75 AND 76 OF THE LAW ON PUBLIC PROCUREMENT AND THE INSTRUCTION FOR THE METHODS OF PROVING THE COMPLIANCE WITH THESE REQUIREMENTS PURSUANT TO ARTICLE 77 OF THE LAW ON PUBLIC PROCUREMENT**

***MANDATORY REQUIREMENTS FOR PARTICIPATION IN THE PUBLIC PROCUREMENT PROCEDURE (ARTICLE 75. OF THE LAW ON PUBLIC PROCUREMENT) TO BE PROVEN BY SUBMITTING EVIDENCE FROM ARTICLE 77. OF THE LAW ON PUBLIC PROCUREMENT***

**LEGAL ENTITY OR ENTREPRENEUR AS A BIDDER IN THE PUBLIC PROCUREMENT PROCEDURE SHALL PROVE:**

1. That a bidder/subcontractor/participant in a joint bid is registered with the competent authority, i.e. entered into the appropriate register, WHICH IS TO BE PROVEN BY SUBMITTING the extract from the register of the Business Registers Agency, i.e. extract from the appropriate register, i.e. from the register of the competent commercial court.

**Note: a bidder is not obliged to submit the extract from Business Registers Agency that is publicly available on the website of the competent authority - Business Registers Agency.**

2. That a bidder/subcontractor/ participant in a joint bid, as well as his agent – if the bidder/subcontractor/ participant in a joint bid is a legal entity, i.e. entrepreneur – if the bidder/subcontractor/ participant in a joint bid is an entrepreneur, has never been convicted of a criminal act as a member of an organized criminal group, that has never been convicted of a commercial criminal offence, criminal offence against environment, criminal offence of receiving or offering bribe, criminal offence of fraud, WHICH IS TO BE PROVEN BY SUBMITTING the extract from criminal record, i.e. certificate issued by the competent court and the competent police administration of the Ministry of Interior Affairs that this legal entity and his agent , i.e. entrepreneur – if the bidder is entrepreneur - have never been convicted of a criminal act as a member of an organized criminal group, that has never been convicted of a commercial criminal offence, criminal offence against environment, criminal offence of receiving or offering bribe, criminal offence of fraud. If there are more registered agents in the Business Registers Agency, this certificate shall be submitted for each of them separately.

**NOTE:**

**For this item, legal entities shall submit:**

- **Extract from the criminal record of the Basic Court with jurisdiction on the location of the headquarters of domestic legal entity, i.e. agency or branch of foreign legal entity (the certificate must also include the criminal acts subject to the jurisdiction of Higher Court)**
- **If the certificate issued by the Basic Court does not include the criminal acts subject to the jurisdiction of Higher Court, a bidder is obliged to submit the certificate issued by the Higher Court along with the certificate of the Basic Court)**
- **Extract from the criminal records of the Special Department for organized crime of the Higher Court in Belgrade (see the website of Higher Court in Belgrade regarding the criminal record for legal entities)**
- **Certificate from the criminal record of a Police Administration of the Ministry of Interior Affairs for agent (for all agents registered in the Business Registers Agency). The requirement for issuance is submitted according to the agent's place of birth or place of residence.**

**For this item, entrepreneur shall submit:**

- **Certificate from the criminal record of a Police Administration of the Ministry of Interior Affairs. The requirement for issuance is submitted according to the bidder's place of birth or place of residence.**
3. That a bidder/subcontractor/participant in a joint bid has settled due taxes, contributions and other public duties in accordance with the regulations of the Republic of Serbia or a foreign country where its headquarters is located, WHICH IS TO BE PROVEN BY SUBMITTING the certificates issued by the competent Tax Administration of the Ministry of Finance that they have settled due taxes and contributions and the certificates issued by competent local authority that they have settled all obligations based on original local public revenues or confirmation issued by tax administration that a bidder/subcontractor/participant in a joint bid is undergoing the procedure of privatization.  
**(CERTIFICATE OF COMPETENT LOCAL AUTHORITY MUST BE SUBMITTED FOR ALL BRANCHES OF A BUSINESS ENTITY)**

**NOTES REGARDING EVIDENCE FOR LEGAL ENTITIES AND ENTREPRENEURS:**

- **Evidence from items 2. and 3. shall be issued maximum 2 (two) months prior to the day of bids opening, i.e. not before 21/10/2015, otherwise, the bid shall be rejected as unacceptable.**

**Pursuant to Article 78. paragraph 5. of the Law on Public Procurements (Official Gazette 124/12, 14/15 and 68/15), the bidder registered in the Register of Bidders maintained by the Business Registers Agency, shall not be obliged to prove the fulfillment of mandatory requirements when submitting the bid, i.e. he is not obliged to submit in his bid the evidence stipulated in Article 75, paragraph 1, items 1)-4) of the Law on Public Procurements.**

**Only for the records of submitted documents at the time of bid opening, bidders may submit in their bids a copy of the Decision on bidders registering into the Register or they may stipulate in their bid that they have registered in the Register of Bidders.**

**The purchaser shall check the Register of Bidders on the website of Business Registers Agency during the expert assessment of bids.**

**NATURAL PERSON AS A BIDDER IN THE PUBLIC PROCUREMENT PROCEDURE SHALL PROVE:**

1. That a bidder/subcontractor/ participant in a joint bid, has never been convicted of a criminal act as a member of an organized criminal group, that has never been convicted of a commercial criminal offence, criminal offence against environment, criminal offence of receiving or offering bribe, criminal offence of fraud, WHICH IS TO BE PROVEN BY SUBMITTING the extract from criminal record, i.e. certificate issued by the competent court and the competent police administration of the Ministry of Interior Affairs that have never been convicted of a criminal act as a member of an organized criminal group, that has never been convicted of a commercial criminal offence, criminal offence against environment, criminal offence of receiving or offering bribe, criminal offence of fraud.

**NOTE:**

**For this item, a natural person shall submit:**

- **Certificate from criminal record of a Police Administration of the Ministry of Interior Affairs. The requirement for issuance is submitted according to the bidder's place of birth or place of residence.**
2. That a bidder/subcontractor/participant in a joint bid has settled due taxes, contributions and other public duties in accordance with the regulations of the Republic of Serbia or a foreign country where its headquarters is located, WHICH IS TO BE PROVEN BY SUBMITTING the certificates issued by the competent Tax Administration of the Ministry of Finance that they have settled due taxes and contributions and the certificates issued by competent local authority that they have settled all obligations based on original local public revenues

**NOTE REGARDING THE EVIDENCE FOR NATURAL PERSONS:**

- **Evidence from items 1. and 2. shall be issued maximum 2 (two) months prior to the day of bids opening, i.e. not before 21/10/2015, otherwise, the bid shall be rejected as unacceptable.**

***ADDITIONAL CONDITIONS FOR PARTICIPATION IN THE PUBLIC PROCUREMENT PROCEDURE (ARTICLE 76. OF THE LAW ON PUBLIC PROCUREMENT) AND THE INSTRUCTION ON HOW TO PROVE THE FULFILLMENT OF THESE CONDITIONS***

**In accordance with requests from the TECHNICAL DESCRIPTION – specification, the Bidder shall also submit with bid:**

1. The Statement from vehicle's manufacturer made under full financial and criminal liability obliging to manufacture spare parts and/or components for delivered buses at least 12 years from delivering the last bus;
2. List of all hazardous materials - on memorandum, signed, sealed and authorised by the Bidder in accordance to Item 1.2 of the Technical Description of the subject of procurement;
3. Forms for service intervals authorised and signed by the manufacturer of offered vehicles –on memorandum, signed, sealed and authorised by the Bidder, in accordance to Item 1.8 of the Technical Description of the subject of procurement;
4. Data on work pressure in all pneumatics - on memorandum, signed, sealed and authorised by the Bidder, in accordance to Item 5.2 of the Technical Description of the subject of procurement;
5. Instructions for maintenance or other relevant document, as well as certificates on oil quality used in driving axle differential gear - on memorandum, signed, sealed and authorised by the Bidder, in accordance to Item 5.3 of the Technical Description of the subject of procurement;
6. Detailed warranty conditions for complete vehicle (complete warranty statement) including all conditions and exclusions regarding warranty pursuant to the Purchaser's requests, on memorandum, signed, sealed and authorised by the Bidder, in accordance to Item 14 of the Technical Description of the subject of procurement;
7. Description of repair technology for lower framework, as well as car body with the same securing the same corrosion resistance for vehicle prior to accident - on memorandum, signed, sealed and authorised by the Bidder, in accordance to Item 7.1 of the Technical Description of the subject of procurement;
8. Technical drawings for offered bus defined in technical specification requests of the Purchaser - on memorandum, signed, sealed and authorised by the Bidder with these information:
  - main bus dimensions
  - floor height from the ground for all doors positions
  - seats layout and alternatives
  - demanded door details
  - radiator and heater schedule
9. Detailed training plan - on memorandum, signed, sealed and authorised by the Bidder, in accordance to Item 15 of the Technical Description of the subject of procurement;

**10. TEST FOR ELECTRIC POWER CONSUMPTION IN REAL EXPLOITATION CONDITIONS**

The Bidder to submit with the Bid at least one electric power consumption for offered low floor solo bus with electric power in real exploitation conditions issued by authorised Institute/Organisation accredited for vehicle testing). The Bidder shall submit proof that Institute/Organisation accredited/authorised for issuing electric power consumption tests.

**11. THE BIDDER HAVE SUFFICIENT OPERATING CAPACITY**

The Bidder shall submit reference list (Form 8) with the bid, i.e. proof that the Manufacturer had delivered/hand over for usage offered type of vehicle, charging technology and electrical energy storage in last five (5) years prior to announcing of the invitation for procurement, to one or more end User/Purchaser.

With the reference list (Form 8) the Bidder shall also submit Proof/Statement from the end User/Purchaser on purchasing/handover for usage from the Bidder at least one (1) vehicle the same offered type, charging technology and electrical energy storage in last five (5) years, prior to announcing the invitation for procurement, on memorandum – signed, sealed and authorised issued by end User/Purchaser (type of vehicle in the Statement shall be identical to type of vehicle offered in the forms); and that there are no unsolved claims relating to quality or exploitation within at least one (1) year of using delivered/handover for usage vehicles in regular exploitation.

The Statement shall be accompanied with photocopies of concluded agreements/other legal basis for usage (agreement on sale, agreement on lease, agreement for the transfer of usage, agreement on present or any other legal type of usage) and invoices:

**Issued statements shall have following information:**

- name and head office of supplier/giver for usage/lessor/donor...
- name and head office of bus manufacturer
- brand and type of delivered bus
- number of delivered buses
- takeover date between seller/giver for usage/lessor/donor... and purchaser/user
- first and last name of contact person, phone number of purchaser/user, contact email
- date of agreement conclusion and number of the agreement
- date and number of invoice (in case issuing invoice according to the legal act of usage)

**Model of the End User/Purchaser Statement attached to reference list.**

**12. THE BIDDER HAS SUFFICIENT TECHNICAL CAPACITY AND AUTHORISED SERVICER FOR SERVICING ENTIRE VEHICLE**

**Proof that the Bidder has authorized service for servicing entire vehicle.**

Submit at a proof:

IN CASE WHEN MANUFACTURER IS THE DELIVERER

- title deed, lease contract or other legal proof for using office space

IN CASE WHEN THE BIDDER IS AUTHORISED SERVICER OF OFFERED VEHICLE

- title deed (proof of ownership for service space) or lease contract for service space or other legal proof using service space

- signed and sealed statement by the manufacturer for offered bus that the Bidder is authorised servicer.

- the statement must consist of date and year of authorised servicer status, period of validity and precise name and head office of servicer.

IN CASE WHEN THE BIDDER IS NOT AUTHORISED SERVICER FOR OFFERED VEHICLE

- valid agreement between the Bidder and other authorised servicer of manufacturer's for offered vehicle

- signed and sealed statement issued by the manufacturer on agreement for authorised servicer for offered bus. The statement must consist of date and year of authorised servicer status, period of validity and precise name and head office of servicer.

**NOTE REGARDING THE PARTICIPATION IN THE PUBLIC PROCUREMENT PROCEDURE  
(mandatory and additional):**

**The evidence about the fulfillment of mandatory and additional conditions shall be submitted along with the bid.**

If the Bidder fails to submit the evidence on fulfillment of mandatory and additional requirements when submitting the bid in a way stipulated in item VII of Tender documents, the bid shall be rejected as unacceptable, except in the case when the Bidder is registered in the Registry of Bidders or if he, instead of providing the evidence, stipulates the website where the mentioned data are publicly available.

Pursuant to Article 78., Paragraph 5 of the Law on Public Procurement (Official Gazette 124/12, 14/15 and 68/15), the Bidder registered in the Register of Bidders maintained by the Business Registers Agency is not obliged to prove the fulfillment of mandatory requirements when submitting his bid, i.e. his bid

does not have to contain the evidence from Article 77, Paragraph 1, Items 1)-3) of the Law on Public Procurement, by which he proves the fulfillment of requirements from Article 75. Paragraph 1, items 1)-3) of the Law on Public Procurement.

Only for the records of submitted documents at the time of bid opening, bidders may submit in their bids a copy of Decision on bidder's registering into the Register or they may stipulate in their bid that they have registered in the Register of Bidders.

The Purchaser shall check the Register of Bidders on the website of Business Registers Agency during the expert assessment of bids.

The Purchaser shall not reject the bid which does not contain the evidence required by the tender Documents if the bidder stipulates the website where the required data are publicly available.

If the bidder was not able to submit the required documents within the deadline for submission of bids because they could not have been issued by that moment due to the regulations of the Bidder's head office country and if the Bidder submits the appropriate evidence for that along with the Bid, the Purchaser shall allow the Bidder to submit these documents afterwards, within the reasonable deadline.

If the bidder's head office is in a foreign country, the Purchaser is entitled to check if the submitted pieces of evidence proving that the Bidder fulfills the requirements are issued by the competent authorities of the same country.

If in the country of the Bidder's head office the evidence stipulated in Article 77 of the Law on Public Procurement is not issued, the Bidder can submit, instead of the evidence, his written statement under perjury, verified by court administrative authority, notary or another competent authority of that country.

**The evidence about the fulfillment of mandatory and additional requirements can be submitted in uncertified copies and the Purchaser may, before making the decision on the awarding, require from the bidder whose bid was, on the basis of the Public Procurement Commission's report, evaluated as the most favorable one, to submit for inspection the original or the certified copies of all or certain evidence, within the deadline that cannot be longer than 5 days from the day of receipt of the written invitation of the Purchaser to submit the original or certified copies of evidence on fulfillment of the requirements from Articles 75 and 76 of the Law on Public Procurement.**

**If the bidder whose bid has been evaluated as the most favorable one does not submit for inspection the original or certified copies of the evidence, the Purchaser shall by Decision, pursuant to Article 79, Paragraph 3 of the Law on Public Procurement, reject such bid as unacceptable.**

## **FINANCIAL SECURITY MEANS**

### **1. AS THE GUARANTEE FOR THE SERIOUSNESS OF THE BID, THE BIDDER SHALL SUBMIT ALONG WITH THE BID:**

Original bank guarantee for seriousness of the bid, unconditional and payable on the first demand, equal to the 5% of the total bid value.

Bank guarantee can be cashed if the bidder:

- revokes his bid after the opening of the bid, or
- refuses to sign the contract after being awarded, or
- fails to submit the signed contract within a deadline not longer than 5 days counting from the day he received the contract for signing, except in the case of circumstances stipulated in item 18.2. of the Instruction to bidders on how to prepare the bid, or
- fails to submit the security for good performance and refund of advance payment in a way foreseen by the model of contract.

Bank guarantee for the seriousness of the bid shall be returned to the bidder after signing of the contract, on the same day he submits the security for good performance and for advance payment refund. If the bidder fails to submit the required security, his bid shall be rejected as unacceptable.

**2. ORIGINAL LETTER OF INTENTIONS OF THE BIDDER'S BUSINESS BANK** by which the business bank expresses its obligation to issue to the bidder, after the conclusion of the contract, the bank **guarantee for good performance**, which is unconditional and payable on the first demand, equal to 10% of the total value of the bid, without VAT.

Validity period of the bank guarantee for good performance shall be 10 day longer than the contract validity period.

Letter of intentions of the bank **shall not include** any conditions for issuing of the bank guarantee (e.g. submission of security means by the ordering party, creditworthiness of the ordering party, business policy of the bank that is issuing the guarantee).

Bank guarantee **shall not include** any additional conditions for payment, shorter deadlines than those defined by the Purchaser or altered local authority for dispute settlement.

By the Letter of intention, the bank **confirms** that it established the bidder's solvency when issued the letter and that in case the contract is concluded, it shall issue the bank guarantee for good performance without setting any additional conditions that the Purchaser must fulfill in order to have the guarantee issued.

In case the Letter of intentions of the bidder's business bank is issued by a **foreign** bank, that bank must have the credit rating that corresponds at least to the level 3 of credit quality (investment ranking).

Credit rating mentioned in the preceding paragraph is assigned by a rating agency registered in the list of eligible rating agencies, published by the National Bank of Serbia in accordance with the regulations, or an eligible rating agency from the list of registered and certified rating agencies published by the (European Securities and Markets Authorities- ESMA)

**The model of the Letter of intentions of the business bank is attached to the Tender documents (example).**

<b>The means of financial security means are made out to the Purchaser. The basic data about the Purchaser are:</b>	<ul style="list-style-type: none"><li>- Name of the Purchaser: PUBLIC UTILITY COMPANY CITY PUBLIC TRANSPORT COMPANY „BEOGRAD“</li><li>- Address of the Purchaser: Belgrade, 29 Kneginje Ljubice Street, Belgrade</li><li>- Tax identification number: SR100049398</li><li>- Registration number: 07022662</li><li>- Business activity code: 4931</li><li>- Number of giro account of the bank: 355-1006754-58</li><li>- Name of the bank which maintains the account: VOJVODANSKA BANKA a.d.</li></ul>
---	--

#### **WARRANTY FOR GOOD PERFORMANCE – NOTE:**

Warranty for good performance shall be submitted within 10 days from date of concluding agreement, in accordance with form stipulated in model of the agreement.

Validity period of the bank guarantee for good performance shall be 10 day longer than the deadline for final delivery of vehicles (in accordance with appropriate article of the model agreement) and must be unconditional and payable on first demand. The final delivery of vehicles means signing of all Records on takeover of vehicles (for each vehicle individually).

#### **Bank warranty for good performance is activated in full amount:**

- in case of difference in technical details on delivered buses from the Technical Description of offered buses, which is an integral part of the Bidder's bid in this public procurement;
- in case when the Bidder does not fulfill all other commitments stipulated in the bid for this public procurement;

Nonactivated bank warranty of business bank shall be returned to the Bidder after fulfilling agreed obligations, which is confirmed with all defined Records:

- Record on takeover of vehicles (per each vehicle individually);
- Record on takeover of accompanying equipment (diagnostics, workshop equipment, spare parts, components, tools and equipment – necessary for regular maintenance of vehicle, repair and overhaul aggregate, assemblies and units on vehicle);
- Record on takeover of professionally-technical documents;
- Record on training performed;
- Record on takeover of Internal authorization for preventive maintenance of vehicles;
- Record on performed mounting and release of charger.

## MODEL OF THE LETTER OF INTENTIONS OF THE BUSINESS BANK

We are informed that ***(stipulate full business name of the bidder)*** with the head office ***(stipulate bidder's head office )*** (hereinafter: the Bidder) intends to submit the bid for public procurement ***(stipulate full name of the procurement)*** No. ***(stipulate number of the procurement)*** (hereinafter: the Bid).

By this act, we certify for the above- mentioned Bidder that we (full business name of the bank) with the head office ***(stipulate bank's head office)*** (hereinafter: the Bank) are ready to issues the irrevocable, unconditional, payable on the first demand guarantee equal to at least 10% of the bid value ***(stipulate guaranteed amount – in figures and in words stipulate the guaranteed amount)*** dinars, as a security means **for good performance**, in favour of User Public Utility Company City Public Transport Company „Beograd“, 29 Kneginje Ljubice street, Belgrade, in case the above-mentioned Bidder is selected as the most favourable one and is the public procurement contract is concluded with him, after completed Public procurement procedure from the first paragraph of this letter.

The bank certifies that it established the solvency of the Bidder prior to issuing of this letter and that, in case of the contract conclusion, it shall issue the bank guarantee for good performance without setting any additional conditions to the Purchaser which he must fulfill in order to have the guarantee fro good performance issued.

Taking over the obligation by this act, the Bank binds itself, as well as its legal succesors.

Place and stamp

Signature of the authorized person and the stamp of  
the Bank issuing the guarantee

\_\_\_\_\_  
(stipulate name, surname, and the function of the person who signs the letter)

### NOTE:

**The Bank shall issue the Letter of Intentions on its memo.  
The submitted Letter of Intentions shall correspond the provided example (model) in its content.  
The Letter shall be signed by the authorized persons.**

### **3. ORIGINAL LETTER OF INTENTIONS OF THE BIDDER'S BUSINESS BANK IN CASE OF ADVANCE PAYMENT REQUEST**

Original letter of intentions of the bidder's business y which the business bank expresses its obligation to issue to the bidder bank warranty for refund of advance payment, which is unconditional and payable on the first demand, with **an amount of requested advance in the bid with VAT and deadline of 10 day longer than the contract validity period (agreed deadline of delivery/mounting/training performance...)**

Letter of intentions of the bank shall not include any conditions for issuing of the bank guarantee (e.g. Submission of security means by the ordering party, creditworthiness of the ordering party, business policy of the bank that is issuing the guarantee).

Bank guarantee shall not include any additional conditions for payment, shorter deadlines than those defined by the Purchaser or altered local authority for dispute settlement.

By the Letter of intention, the bank confirms that it established the bidder's solvency when issued the letter and that in case the contract is concluded, it shall issue the bank guarantee for good performance without setting any additional conditions that the Purchaser must fulfill in order to have the guarantee issued.

In case the Letter of intentions of the bidder's business bank is issued by a foreign bank, that bank must have the credit rating that corresponds at least to the level 3 of credit quality (investment ranking).

Credit rating mentioned in the preceding paragraph is assigned by a rating agency registered in the list of eligible rating agencies, published by the National Bank of Serbia in accordance with the regulations, or an eligible rating agency from the list of registered and certified rating agencies published by the (European Securities and Markets Authorities- ESMA)

**The model of the Letter of intentions of the business bank is attached to the Tender documents (example).**

<p><b>The means of financial security means are made out to the Purchaser. The basic data about the Purchaser are:</b></p>	<ul style="list-style-type: none"><li>- Name of the Purchaser: PUBLIC UTILITY COMPANY CITY PUBLIC TRANSPORT COMPANY „BEOGRAD“</li><li>- Address of the Purchaser: Belgrade, 29 Kneginje Ljubice Street, Belgrade</li><li>- Tax identification number: SR100049398</li><li>- Registration number: 07022662</li><li>- Business activity code: 4931</li><li>- Number of giro account of the bank: 355-1006754-58</li><li>- Name of the bank which maintains the account: VOJVODANSKA BANKA a.d.</li></ul>
--	--

## **MODEL OF THE LETTER OF INTENTIONS OF THE BUSINESS BANK FOR ISSUING WARRANTY FOR ADVANCE PAYMENT REFUND**

We are informed that **(stipulate full business name of the bidder)** with the head office **(stipulate bidder's head office )** (hereinafter: the Bidder) intends to submit the bid for public procurement **(stipulate full name of the procurement)** No. **(stipulate number of the procurement)** (hereinafter: the Bid).

By this act, we certify for the above- mentioned Bidder that we **(full business name of the bank)** with the head office **(stipulate bank's head office)** (hereinafter: the Bank) are ready to issues the irrevocable, unconditional, payable on the first demand guarantee equal to requested advance **(stipulate requested amount – in figures and in words stipulate requested amount)** dinars with VAT, as a security means **for advance payment refund**, in favour of User Public Utility Company City Public Transport Company „Beograd“, 29 Kneginje Ljubice street, Belgrade, in case the above-mentioned Bidder is selected as the most favourable one and is the public procurement contract is concluded with him, after completed Public procurement procedure from the first paragraph of this letter.

The bank certifies that it established the solvency of the Bidder prior to issuing of this letter and that, in case of the contract conclusion, it shall issue the **bank guarantee for advance payment refund** without setting any additional conditions to the Purchaser which he must fulfill in order to have the guarantee for advance payment refund issued.

Taking over the obligation by this act, the Bank binds itself, as well as its legal sucesors.

Place and stamp	Signature of the authorized person and the stamp of the Bank issuing the guarantee
_____ (stipulate name, surname, and the function of the person who signs the letter)	

### **NOTE:**

**The Bank shall issue the Letter of Intentions on its memo.  
The submitted Letter of Intentions shall correspond the provided example (model) in its content.  
The Letter shall be signed by the authorized persons.**

**4. ORIGINAL LETTER OF INTENTIONS OF THE BIDDER'S BUSINESS BANK** by which the business bank expresses its obligation to issue to the bidder **the bank warranty for repair of damages within warranty period**, which is unconditional and payable on the first demand, equal to **3%** of the total value of the bid, without VAT. Validity period of the bank guarantee shall be 5 day longer than agreed warranty period.

Letter of intentions of the bank shall not include any conditions for issuing of the bank guarantee (e.g. Submission of security means by the ordering party, creditworthiness of the ordering party, business policy of the bank that is issuing the guarantee).

Bank guarantee shall not include any additional conditions for payment, shorter deadlines than those defined by the Purchaser, lower amount that stipulated by the Purchaser or altered local authority for dispute settlement.

By the Letter of intention, the bank confirms that it established the bidder's solvency when issued the letter and that in case the contract is concluded, it shall issue the bank guarantee for good performance without setting any additional conditions that the Purchaser must fulfill in order to have the guarantee issued.

In case the Letter of intentions of the bidder's business bank is issued by a foreign bank, that bank must have the credit rating that corresponds at least to the level 3 of credit quality (investment ranking).

Credit rating mentioned in the preceding paragraph is assigned by a rating agency registered in the list of eligible rating agencies, published by the National Bank of Serbia in accordance with the regulations, or an eligible rating agency from the list of registered and certified rating agencies published by the (European Securities and Markets Authorities- ESMA)

**The model of the Letter of intentions of the business bank is attached to the Tender documents (example).**

<p><b>The means of financial security means are made out to the Purchaser. The basic data about the Purchaser are:</b></p>	<ul style="list-style-type: none"><li>- Name of the Purchaser: PUBLIC UTILITY COMPANY CITY PUBLIC TRANSPORT COMPANY „BEOGRAD“</li><li>- Address of the Purchaser: Belgrade, 29 Kneginje Ljubice Street, Belgrade</li><li>- Tax identification number: SR100049398</li><li>- Registration number: 07022662</li><li>- Business activity code: 4931</li><li>- Number of giro account of the bank: 355-1006754-58</li><li>- Name of the bank which maintains the account: VOJVOĐANSKA BANKA a.d.</li></ul>
--	--

## **MODEL OF THE LETTER OF INTENTIONS OF THE BUSINESS BANK FOR ISSUING WARRANTY FOR REPAIR OF FAULTS WITHIN WARRANTY PERIOD**

We are informed that **(stipulate full business name of the bidder)** with the head office **(stipulate bidder's head office )** (hereinafter: the Bidder) intends to submit the bid for public procurement **(stipulate full name of the procurement)** No. **(stipulate number of the procurement)** (hereinafter: the Bid).

By this act, we certify for the above- mentioned Bidder that we **(full business name of the bank)** with the head office **(stipulate bank's head office)** (hereinafter: the Bank) are ready to issues the irrevocable, unconditional, payable on the first demand guarantee with an amount of at least 3% of the bid value **(stipulate requested amount – in figures and in words stipulate requested amount)** dinars, as a security means **for repair of faults within warrannty period**, in favour of User Public Utility Company City Public Transport Company „Beograd“, 29 Kneginje Ljubice street, Belgrade, in case the above-mentioned Bidder is selected as the most favourable one and is the public procurement contract is concluded with him, after completed Public procurement procedure from the first paragraph of this letter.

The bank certifies that it established the solvency of the Bidder prior to issuing of this letter and that, in case of the contract conclusion, it shall issue the **bank guarantee for repair of faults within warrannty period** without setting any additional conditions to the Purchaser which he must fulfill in order to have the guarantee for repair of faults within warrannty period issued.

Taking over the obligation by this act, the Bank binds itself, as well as its legal succesors.

Place and stamp

Signature of the authorized person and the stamp of  
the Bank issuing the guarantee

\_\_\_\_\_  
(stipulate name, surname, and the function of the person who signs the letter)

### **NOTE:**

**The Bank shall issue the Letter of Intentions on its memo.  
The submitted Letter of Intentions shall correspond the provided example (model) in its content.  
The Letter shall be signed by the authorized persons.**

## **VI INSTRUCTION TO BIDDERS ON HOW TO PREPARE THE BID**

### **1. The right of participation in the public procurement procedure and the method of submitting evidence**

- 1.1. All interested legal and natural persons that fulfill the requirements foreseen by the Law on Public Procurement (Article 75. and 76.) are entitled to participate in the procedure and the fulfillment of requirements is proven by submitting evidence stipulated in Article 77. of the Law on Public Procurement, in accordance with the Tender Documents.
- 1.2. The evidence on fulfillment of requirements from Article 77. of the Law on Public Procurement can be submitted in the form of unverified copies. Prior to making the decision on contract awarding, the purchaser can demand from the bidder whose bid was, on the basis of the public procurement commission's report assessed as the most favorable one, to submit for inspection either certified copies of all or certain evidence, within the deadline that cannot be longer than five days upon the receipt of purchaser's written invitation or to submit for inspection the original or certified copies of the evidence on the fulfillment of requirements from Articles 75. and 76. of the Law on Public Procurement.
- 1.3. Should the bidder whose bid is assessed as the most favorable one fail to submit the original or certified copy of the requested evidence, the purchaser shall reject his bid as unacceptable, pursuant to Article 79, Paragraph 3 of the Law on Public Procurement.
- 1.4. Purchaser shall not reject the bid as unacceptable for not containing the evidence required by the Law on Public Procurement or Tender Documents if the bidder stipulates in his bid the website where the required evidence is publicly available.
- 1.5. Pursuant to Article 78., Paragraph 5 of the Law on Public Procurement (Official Gazette 124/12, 14/15 and 68/15), the bidder registered in the Register of Bidders maintained by the Business Registers Agency is not obliged to prove the fulfillment of mandatory requirements when submitting his bid, i.e. his bid does not have to contain the evidence from Article 75. Paragraph 1, items 1)-3) of the Law on Public Procurement.

Only for the records of submitted documents at the time of bid opening, bidders may submit in their bids a copy of Decision on bidder's registering into the Register or they may stipulate in their bid that they have registered in the Register of Bidders.

The purchaser shall check the Register of Bidders on the website of Business Registers Agency during the expert assessment of bids.

- 1.6. If the bidder's head office is in a foreign country, the Purchaser is entitled to check if the submitted pieces of evidence proving that the Bidder fulfils the requirements are issued by the competent authorities of the same country.
- 1.7. If the bidder was not able to submit the required documents within the deadline for submission of bids because they could not have been issued by that moment due to the regulations of the Bidder's head office and if the Bidder submits the appropriate evidence for that along with the bid, the Purchaser shall allow the Bidder to submit these documents afterwards, within the reasonable deadline.
- 1.8. If in the country of the bidder's head office the evidence stipulated in Article 77 of the Law on Public Procurement is not issued, the Bidder can submit, instead of the evidence, his written statement under perjury, verified by court administrative authority, notary or another competent authority of that country.
- 1.9. If the bidder intends to partially entrust the subcontractor with a procurement (in Form 1. of the Bid Forms) – the Bidder shall stipulate the percentage of the total value of the procurement that shall be entrusted to the subcontractor and which must not exceed 50%, as well as a part of the procurement subject that shall be realized through subcontractor.
- 1.10. The bidder is fully responsible to the Purchaser for the fulfillment of obligations from the public procurement procedure, regardless of the number of subcontractors and the same is obliged to provide the Purchaser with the access to the subcontractor, at his request, for the purpose of determining the fulfillment of the requirements.
- 1.11. Subcontractor shall comply with the requirements stipulated in Article 75. of the Law on Public Procurement (Items 1 to 3).
- 1.12. In his bid, the bidder shall submit the evidence from Article 77. of the Law on Public Procurement (Items 1 to 3) for his subcontractor, as well as from Item 5 of the same, for a part of the Bid to be realized by the subcontractor.

- 1.13. If the fulfillment of mandatory requirement from Article 75. Paragraph 1 Item 4 of the Law on Public Procurement is needed for realization of a part of public procurement the value of which does not exceed 10% of the total value of public procurement, the bidder can prove the compliance with that requirement through the subcontractor whom he entrusted the realization of that part of procurement.
- 1.14. Purchaser can, at request of subcontractor and if the nature of procurement allows it, transfer the due receivables directly to subcontractor, for a part of procurement realized by that subcontractor. In this case, the purchaser is obliged to allow the supplied to object if the receivable is not due. Such rules of acting do not influence the responsibility of the bidder.
- 1.15. The supplier cannot appoint as a subcontractor a person not mentioned in the bid, otherwise, the Purchaser shall realize the Security and terminate the contract, except in the case the contract termination would cause him a considerable harm. In this case, the Purchaser is obliged to inform the organization in charge of competition. The exception from this rule exists in the situation where the durable incapability of making payments occurred with the subcontractor after the submission of the bid, provided that the aforementioned person fulfils all the requirements for subcontractor and that the prior consent from the Purchaser is obtained.
- 1.16. If the bid is submitted by a Group of Bidders (joint bid), this shall be stated in the bid (in Form 1 of the Bid Contents). Each of the bidders from the Group of Bidders shall fulfill the requirements from Article 75, Paragraph 1, Items 1-3 of the Law on Public Procurement, proved by submitting evidence from Article 77 of the Law on Public Procurement, while other requirements from Article 76 of the Law on Public Procurement they fulfill together, unless otherwise determined by the Purchaser for justified reasons. The requirement from Article 75, Paragraph 1, Item 4 of the Law on Public Procurement shall be fulfilled by the Bidder from the Group of Bidders entrusted with the realization of a part of procurement, for which the compliance with this requirement is mandatory.
- 1.17. **A containing part of the joint bid is the agreement** by which the bidders, mutually and towards the Purchaser undertake to realize the public procurement. The Agreement shall contain the data on:
  1. a member of the Group that shall be the main contractor, i.e. that shall submit the bid and represent the Group of bidders before the Purchaser,
  2. obligations of each of the bidders for the realization of the contract.
- 1.18. The bidders that submit a joint bid are jointly and severally liable to the purchaser.
- 1.19. Purchaser can require from the members of the Group of bidders to stipulate in the bid the names and appropriate professional qualifications of persons that shall be responsible for contract realization.
- 1.20. A cooperative can submit the bid independently, on its own behalf and for the account of cooperants or a joint bid on behalf of the cooperants. If the cooperative submits its bid on its own behalf, the cooperative and cooperants shall be responsible for obligations from the public procurement procedure and from the contract on public procurement, in accordance with the law. If the cooperative submits the bid on behalf of cooperants, they shall be jointly and severally liable for obligations from the public procurement procedure and from the contract on public procurement.
- 1.21. If the bidder does not prove that he fulfills the mandatory and additional requirements for participation in this public procurement procedure, the bid shall be rejected as unacceptable.

## **2. Tender documents – amendments, supplements and clarifications of tender documents**

- 2.1. If the Purchaser makes amendments or supplements to the Tender Documents within the deadline for submission of bids, he shall without delay publish the amendments and supplements on the Public Procurement Portal and his website.
- 2.2. If the bidder amends or supplements the Tender Documents eight or less days prior to the expiry of the deadline for submission of bids, he is obliged to prolong the deadline for submission of bids.
- 2.3. Pursuant to Article 63, Paragraph 2 of the Law on Public Procurement, an interested person may ask the Purchaser in written form for additional information and clarifications regarding the preparation of bid with an option to address on any kind of error or mistakes in the tender documents, five (5) days prior to the expiry of deadline for the submission of bids at the latest by fax number +381 11 366 4087 with the label "For the Procurement No. VND-302/15», or by e-mail [marijana.stojanovic@gsp.co.rs](mailto:marijana.stojanovic@gsp.co.rs) with the same label. The purchaser shall send the answer to the person interested in additional information and clarifications within three days from the day

- of reception of written request and the same answer shall be published on the Public Procurement Portal and on his website.
- 2.4. Requesting for clarifications or additional information regarding the preparation of bid by telephone is not allowed.
  - 2.5. If a document from the public procurement procedure is submitted by the purchaser or bidder by fax or e-mail, the party that sent the document is obliged to ask from other party to confirm in the same way the reception of the document, which is other party obliged to do when it is necessary as a proof that the delivery is made.
  - 2.6. After the expiration of the deadline for the submission of bids, the purchaser shall not amend or supplement the tender documents.

### **3. Language of the bid**

- 3.1. The bidders are obliged to prepare the bid according to the requirements from the Tender Documents.
- 3.2. For parts of the bid written in a foreign language (for evidence required by tender documents and other accompanying documents, except for certificates), if the purchaser determines during the procedure of review and assessment of bid that a certain part of the bid should be translated into Serbian, he shall define a reasonable deadline for a bidder to translate that part of the bid.
- 3.3. In case of dispute, the relevant version of bid is the one in Serbian language.

### **4. Submission of bids, amendments to the bid and recall of the bid**

- 4.1. The bid shall be prepared and submitted in accordance with the invitation for the submission of bids and Tender Documents.
- 4.2. The bidder submits the bid directly or by land mail. The bid shall be submitted in a closed envelope or box, closed in a way that at the time of public opening, it can be determined with certainty that it is opened for the first time.
- 4.3. The Bidder may submit only one bid.
- 4.4. The Bidder that submitted the bid independently cannot at the same time participate in a joint bid or as a subcontractor and he cannot participate in several joint bids.
- 4.5. The Purchaser is obliged to reject all bids submitter contrary to the prohibition from the preceding paragraph (item 4.4.), pursuant to Article 87, paragraph 5 of the Law on Public Procurement.
- 4.6. Within the deadline for the submission of bids, the Bidder is allowed to amend, supplement or recall his bid, in a way defined for the submission of bids, i.e. in a way that he shall submit the supplement of the bid in the closed envelope with the label "**SUPPLEMENT/REPLACEMENT TO THE BID FOR PUBLIC PROCUREMENT NO. VND-302/15**". The bid supplement shall be submitted to the Purchaser before the expiration of the deadline for the submission of bids in a way defined for the submission of bids. In case the Bidder wants to recall the submitted bid, he shall submit his recall to the Purchaser before the expiration of the deadline for the submission of bids in the closed envelope with the label "**RECALL OF THE BID FOR PUBLIC PROCUREMENT NO. VND-302/15**". The bidder cannot recall the bid upon the expiry of the deadline for the submission of bids.
- 4.7. The documentation contained in the bid shall not be returned to the bidder upon the completed procedure (except for the submitted security).

### **5. Costs of the bid preparation**

- 5.1. The costs of the preparation and the submission of bid shall be covered exclusively by the bidder and he shall not require reimbursement of these costs from the purchaser.
- 5.2. If the public procurement procedure is suspended for the reasons on the side of the Bidder, the Bidder is obliged to compensate to the Purchaser the costs of production of sample or model, if these are made according to the technical specifications of the Bidder and the cost of acquisition of Security, provided that the Bidder submitted Form 5 in his bid.

### **6. Bid with variants**

- 6.1. Bids with variants in any sense are not allowed (variants of prices, manufacturers, methods of payment, method, i.e. procedure of production or processing, warranty periods, etc.).

## **7. Confidentiality of the procedure**

- 7.1. The procedure of assessment of bids is considered confidential until the moment of decision making.
- 7.2. Information that refer to the review, clarification, assessment and comparison of bids, as well as the recommendation for the contract award, shall be revealed neither to bidders, nor to any other persons that are not officially involved in this procedure until the decision on the outcome of the Tender is made.
- 7.3. Any Endeavour of the Bidder or his agents to influence the Purchaser's assessment of bids or the decision on the selection shall result in the REJECTION of his bid.

## **8. Additional explanations, control and allowed corrections**

- 8.1. For the reason of assistance in review, evaluation and comparison of bids, the Purchaser may, pursuant to the provisions of Article 93, Paragraph 1 of the Law on Public Procurement, ask from each Bidder for additional explanations of his bid and the Purchaser may perform the control (and insight) with the Bidder or his subcontractor.
- 8.2. The Purchaser cannot require, allow or offer a change of elements of the bid that are significant for the application of the criteria for the contract award, i.e. a change that could turn the inappropriate or unacceptable bid into appropriate or acceptable one, unless otherwise is implied by the nature of the public procurement procedure.
- 8.3. The Purchaser may, with the consent of the Bidder, make the correction of calculation errors identified during the consideration of the bid, upon the completed procedure of the opening of bids.
- 8.4. In case there is a difference between total and unit price, the unit price is applicable.
- 8.5. If the Bidder fails to agree with the correction of calculation errors, such a bid shall be assessed as unacceptable.

## **9. Unusually low price**

- 9.1. The purchaser may reject the bid due to unusually low offered price, in accordance with article 92, paragraph 1 of the Law on Public Procurement.
- 9.2. If the purchaser assesses that a bid contains unusually low price, he is obliged to request from the bidder the detailed explanation of all its parts that he considers applicable pursuant to article 92, paragraph 3 of the Law on Public Procurement.
- 9.3. For the answer from item 9.2, the Purchaser shall give the Bidder the deadline of 5 days upon the receipt of request, for submission of explanation.
- 9.4. The purchaser is obliged to check the applicable elements of the bid after receiving the explanation from the preceding item.

## **10. Criteria for contract award**

- 10.1. Criterion for contract award is the lowest offered price and elements for weight criteria:  
Price (total value of the bid) - 60 weights; warranty period for batteries/UC year - 20 weights; passengers capacity – 5 weights; deadline for delivery (months) – 10 weights; electric power consumption (kwh/km) – 5 weights.

Explanation of criteria:

Price (total value of the bid) – 60 weights.

The lowest offered price (total value of the bid) is weighted with 60 weights, and other prices/offers are calculated in accordance with the following:

$(\text{lowest offered price} / \text{offered price of evaluated offer}) \times 60$ ;

Warranty period for batteries/UC year – 20 weights;

The longest warranty period of batteries/UC year is weighted with 20 weights, and other warranty period/offers are calculated as follows:

$(\text{offered warranty period for batteries/UC year from specific bid} / \text{the longest warranty period for batteries/UC year}) \times 20$ ;

Passenger capacity – 5 weights;

The largest passenger capacity is weighted with 5 weights, other passenger capacity/bids are calculated as follows:

$(\text{offered passenger capacity from evaluated bid} / \text{the largest passenger capacity}) \times 5$ ;

Delivery deadline (months) – 10 weights;

The shortest delivery deadline (months) is weighted with 10 weights, and other deadlines of delivery/bid are calculated as follows:

(the shortest delivery deadline (months)/delivery deadline from evaluated bid) x 10;

Electric power consumption (kwh/km) – 5 weights;

Bid with the lowest electric power consumption (kWh/km) is weighted with 5 weights, and other bids are calculated as follows:

(the lowest offered electric power consumption (kWh/km)/electric power consumption (kWh/km) from evaluated bid) x 5;

Spare criteria – in case when 2 or more bidders submit bid with identical number of weights, the one with largest number of weights for price criteria element shall be an advantage.

## **11. Reasons for the rejection of bid**

11.1. A bid shall be rejected:

- (1) if it contains significant deficiencies
- (2) if it is not appropriate
- (3) if it limits the rights of purchaser
- (4) if it conditions the rights of purchaser
- (5) if it limits the obligations of bidder

11.2. The Purchaser can make the decision on the contract award to the Bidder whose bid contains the offered price higher than the estimated value of public procurement if this price is not higher than a comparable market price and if the offered prices in all appropriate bids are higher than the estimated value of public procurement.

11.3. Significant deficiencies of a bid are the following:

- (6) If the bidder does not prove that he complies with the mandatory requirements for participation in the procedure
- (7) if the Bidder does not prove that he fulfills additional requirements (in case when the additional requirements are prescribed by Tender Documents)
- (8) if the bidder does not submit the required Security
- (9) if the offered validity period of the bid is shorter than the prescribed one
- (10) if the bid contains other deficiencies due to which it is not possible to determine the real contents of the bid and it is not possible to compare it with other bids

11.4. The timely bid is the one accepted by the Purchaser within the deadline defined in the invitation for the submission of bids.

11.5. The appropriate bid is the one which is timely and for which it is determined to fulfill all technical specifications.

11.6. The acceptable bid is the one which is timely, not rejected by the Purchaser due to significant deficiencies, which is appropriate, which does not limit or conditions the rights of the Purchaser and which does not exceed the amount of the estimated value of public procurement.

## **12. Insight in documentation**

12.1. The Bidder is entitled to have an insight in the documentation about the conducted public procurement procedure after the decision on the contract award or the decision on the suspension of the procedure is made, regarding which he can submit the written request to the Purchaser.

12.2. The Purchaser is obliged to allow the person from the preceding Paragraph to have insight in the documentation and to make the copies of the documentation from the procedure, at the expense of the request submitter, within two days from the day of reception of the written request, with the obligation to protect the data pursuant to Article 15 of the Law on Public Procurement.

## **13. Request for the protection of rights**

13.1. The request for the protection of rights is submitted to the Purchaser and a copy to the Republic Commission for the protection of rights in the public procurement procedures simultaneously (hereinafter: The Republic Commission).

13.2. The request for the protection of rights can be submitted at any moment of the public procurement procedure, against any act of the Purchaser, unless otherwise defined by the Law on Public Procurement.

- 13.3. The request for protection of rights which contests the type of procedure, contents of the invitation for the submission of bids or Tender Documents, shall be considered timely if it is received by the Purchaser at least 7 (seven) days prior to the expiry of the deadline for the submission of bids, regardless of the method of submission and in case when it is requested in accordance with Article 63, Paragraph 2 of the law, implying to the Purchaser eventual errors and faults which were not corrected by the Purchaser.
- 13.4. The request for the protection of rights disputing acts of the Purchaser prior to deadline for submission of bids, and 7 days after expiring of deadline shall be considered timely if received not later than the expiry of deadline for submission of bids.
- 13.5. After making the decision on contract award, decision on concluding framework agreement and decision on suspension of the procedure, the deadline for the submission of the request for the protection of rights is 10 (ten) days upon publishing decision on Public Procurement Portal and five (5) days after the reception of the decision on contract award, pursuant to Article 40a of this agreement.
- 13.6. The request for protection of rights cannot contest any acts of the Purchaser in the public procurement procedure if the request submitter was familiar with or could have been familiar with the reasons for its submission before the expiry of the deadline for the submission of the request from Article 149, Paragraph 3 and 4 of the Law on Public Procurement and the request submitter did not submit it before the expiry of that deadline.
- 13.7. If the request for protection of rights is submitted again in the same public procurement procedure by the same submitter, that request cannot contest the acts of the Purchaser which the submitter was familiar with or could have been familiar with when submitting the previous request.
- 13.8. The Purchaser shall inform all the participants in the public procurement procedure about the submitted request for the protection of rights, i.e. publish the information about the submitted request for the protection of rights on the Public Procurement Portal, at least two days upon the reception of the request for the protection of rights.
- 13.9. The request for protection of rights holds further activities of the Purchaser in the public procurement procedure - decisions on contract award, concluding framework agreement, accepting qualification or suspension of the procedure, nor is able to conclude an agreement on public procurement - until the decision on the submitted request for the protection of rights is made, except in case of negotiations procedure pursuant to the Article 36, Paragraph 1, item 3).
- 13.10. Only responsible person of the Purchaser may decide whether the Purchaser can act in accordance with the previous paragraph, prior to decision on request for protection of rights when delay of activities of the Purchaser in public procurement procedure, i.e. when execution of agreement on public procurement causing difficulties in procedure or operation of the Purchaser's business unequal to value of the public procurement, which has to be explained.
- 13.11. Upon the request of the Purchaser, the Republic Commission may allow the Purchaser to act in accordance with paragraph 13.9 prior to making decision on request for the protection of rights in case when interests of the Republic of Serbia are significantly at risk by holding activities of the Purchaser in public procurement procedure, i.e. execution of the agreement on public procurement.
- 13.12. The provisions of Article 151 of the Law on Public Procurement define the contents of the request for the protection of rights.
- 13.13. If the submitted request for the protection of rights does not contain all the data from Article 151, Paragraph 1 of the Law on Public Procurement, the Purchaser shall reject the request by conclusion.
- 13.14. Within three days from the reception of the Conclusion of the Purchaser from Article 151, Paragraph 2 of the Law on Public Procurement, the submitter can file a complaint on the Conclusion to the Republic Commission, while at the same time he submits the copy of the complaint to the Purchaser.
- 13.15. Pursuant to the provisions of Article 156 of the Law on Public Procurement, the submitter of the request for the protection of rights is obliged to make the payment of a tax in favor of the Account of the budget of the Republic of Serbia no. 840-30678845-06 in the amount of:
  - 250.000 Dinars the request for the protection of rights is submitted prior to the opening of bids or if the estimated value of public procurement exceed 120.000.000 dinars;
  - 0.1 % of the estimated value of public procurement, i.e. offered price of the bidder who is awarded the contract, when submitting the request for protection of the rights after opening of bids and if that value exceed 120.000.000 dinars.

Payment code: 153 or 253; reference number: VND-302/15; purpose: Tax for Request for the Protection of Rights, PUC GSP "Beograd", with the note of procurement no. VND-302/15; User: Budget of the Republic of Serbia

13.16 Insight in more detailed information about the submission of the request for the protection of rights, the bidders can have on the website of the Republic Commission for the protection of rights in the public procurement procedures - [www.kjn.gov.rs/ci/uputstvo-o-uplati-republicke-administrativne-takse.html](http://www.kjn.gov.rs/ci/uputstvo-o-uplati-republicke-administrativne-takse.html).

#### **14. Advantage for domestic goods**

- 14.1. In case of application of criterion the lowest offered price, in a situation when there are bidders offering domestic and foreign goods, the purchaser shall select the bidder with bid of domestic good, provided that his offered price is not higher than 5% when compared to the lowest offered price of bidder with foreign goods, pursuant to Article 86, paragraph 3. of the Law on Public Procurement. Confirmation must be addressed to the Purchaser, public procurement number, public procurement name and issued in accordance with specification defined in the Technical Description of the procurement.
- 14.2. Customs duties shall be calculated in the offered price of foreign bidder.
- 14.3. Upon submitting proof for domestic goods by the Bidder, prior to ranking of bids, the Purchaser shall call upon other bidders whose bids were evaluated as acceptable to reply in case they offer domestic goods and to submit proofs.
- 14.4. Proof on domestic goods is submitted with the bid in public procurement procedure. The Chamber of Commerce and Industry of Serbia issues proof on domestic origin of goods upon written request of submitter of request, in accordance with custom service provisions, pursuant to the Regulation on manners of proofing fulfillment of conditions for goods of domestic origin. („The Official Gazette of the Republic of Serbia” No. 33/2013).

#### **15. Confidentiality of the bid**

- 15.1. The bidder shall not mark the following data as confidential:
  - Prices from the bid, bid option, delivery deadline, conditions and methods of payment and the warranty period
  - Manufacturer of the installed goods, catalogue numbers of manufacturer and the country of origin
  - Evidence on the fulfillment of requirements from Articles 75 and 76 of the Law on Public Procurement
- 15.2. The data considered confidential shall be shaded and marked with "confidential". If the entire document (entire sheet) is confidential, the heading of the document shall contain label "confidential" and shall be verified with the stamp.
- 15.3. The data which Bidder marks as confidential imply confidentiality in relation to other participants in the tender and cannot indicate confidentiality in relation to the Purchaser.
- 15.4. The Purchaser is obliged to keep confidential all the data about the bidders contained in the bid, which are marked as such by the Bidder, in accordance with the law.
- 15.5. The Purchaser is obliged to refuse to provide the information which would mean the breach of confidentiality of the data contained in the bid.
- 15.6. The Purchaser is obliged to keep as trade secret the names of stakeholders, bidders and applicants, as well as the data about the submitted bids or applications until the date of the opening of bid or applications.
- 15.7. The data about fulfillment of the mandatory requirements, the price and other data contained in the bid significant for application of the elements of criteria and bid ranking shall not be considered confidential.
- 15.8. In the tender documents, the Purchaser may require the protection of confidentiality of the data made available to the bidders, including their subcontractors.
- 15.9. The Purchaser can condition the taking over of the Tender Documents with signing of non-disclosure statement or agreement if these data represent trade secret in a sense of the law that regulates the protection of trade secret or if these data are confidential in a sense of law that regulates the confidentiality of data.
- 15.10. A person that received the data determined as confidential is obliged to keep and protect them, regardless of the degree of confidentiality.

## **16. Filling in of the forms**

- 16.1. The forms given in the tender documents shall be filled in, signed and verified by a person authorized by the Bidder or and authorised representative of the bidder in case of joint bid.
- 16.2. Filling in of the forms and the Model of contract is not allowed with pencil, fountain pen or felt pen. If the bidder makes a mistake when filling the forms given in the tender documents, each correction (made by correction fluid or by bolding letters or numbers) shall be verified and initialed by the bidder's authorized person.
- 16.3. If the bidder acts as a Group of bidders (joint bid), filling in, signing and verifying of the forms in tender document shall be done in accordance with the agreement by which the bidders from the Group mutually and towards the purchaser bind themselves to execute the subject of public procurement and which is the integral part of the joint bid **(except for the forms 5 and 7, which shall be signed by each member of the Group – make as many copies as there are bidders in the joint bid)**.
- 16.4. If the bidder acts together with subcontractor, filling in, signing and verifying of the forms in the tender documents is done by the bidder.

## **17. Attendance at the public opening of bids**

- 17.1. Opening of bids is public.
- 17.2. Prior to the start of the opening of bids, the bidder's representative who shall attend and actively participate in the procedure of opening of bids is obliged to submit the written power of attorney/authorization to the Public Procurement Commission.
- 17.3. Power of attorney/authorization, by which the present representative proves that he is authorized to actively participate in the procedure of public opening of bids (to have insight into the bids, give objections to the opening procedure, verify the submitted bids, sign and take over the Minutes upon the completed opening procedure, etc.) shall be stamped and signed by the bidder's authorized person.
- 17.4. If the bidder's representative does not submit the above-mentioned power of attorney/authorization, he shall be treated as general public and shall not be allowed to actively participate in the opening procedure.
- 17.5. If the opening of bids is attended by the bidder's legal agent, he shall identify himself by an extract from the Business Registers Agency and a personal document (ID card, passport, driver's license). If the bidder does not submit the extract from the Business Registers Agency, the Commission shall check the data on the website of the Business Registers Agency, before the opening of bids starts.

## **18. Deadline for the conclusion of contract**

- 18.1. The Purchaser shall submit the public procurement contract to the awarded bidder within eight days from the day of expiration of deadline for submission of the request for the protection of rights.
- 18.2. The bidder is obliged to deliver the signed contract to the purchaser within maximum five days from the day he received the contract for signing, except in case of reasonable causes or objective circumstances, when the deadline can be extended and about which the bidder is obliged to inform the purchaser.
- 18.3. The purchaser can conclude the public procurement contract even before the deadline for submission of the request for the protection of rights expires:
  - on the basis of a framework agreement
  - in case of implementation of the negotiating procedure from Article 36, paragraph 1, item 3) of the Law on Public Procurement
  - in case of implementation of dynamic procurement
  - in case of low value public procurement procedure from Article 39, paragraph 6 of the Law on Public Procurement
  - if only one bid was submitted, except in the negotiating procedure without publishing the invitation for the submission of bids
- 18.4. If the request for protection of rights was submitted after the conclusion of the contract in accordance with Article 112, paragraph 2 of the Law on Public Procurement, the Purchaser is unable to make public procurement contract pending a decision on the request for protection of rights, unless the Commission of the Republic on proposal of the Purchaser decides otherwise. Or if the Responsible person of the Purchaser makes a decision that the Purchaser take the above activities, if the preservation of the Purchaser in the procurement process or the execution of a

- public contract cause great difficulties in work or business of the Purchaser which are disproportionate to the value of public procurement, which must be explained.
- 18.5. If the purchaser fails to deliver the signed contract to the bidder within the deadline stipulated in paragraph 18.2., the bidder shall not be obliged to sign the contract, which shall not be treated as the cancellation of bid and he shall not bear any consequences derived from this, except if the timely request for the protection of rights has been submitted.
- 18.6. If the bidder fails to deliver the signed contract within the deadline not longer than five days from the day he received the contract for signing, except in case of circumstances from item 18.2., it shall be considered that he gives up from the contract signing and the purchaser shall activate the submitted bid bond and deliver the proof for negative reference to the Public Procurement Office.

## **19. Currency and the method of stipulating and expressing the price in the bid and the method of amending the contracted value**

- 19.1. The values in the public procurement procedure are expressed in dinars (RSD).  
Values in the offer may be expressed in euro.  
All values must be expressed in the same currency.  
For the calculation of the price in dinars will be used medium exchange rate of the National Bank of Serbia on the day was started opening.
- 19.2. The bidder is obliged to stipulate in the bid from the total price dinars (RSD), VAT excluded, which includes all dependent expenses related to the procurement execution.
- 19.3. If the offered price includes the import duty and other duties, the bidder is obliged to express that part separately in dinars or in Euros.
- 19.4. Change the contracted price is not possible.  
The offered prices are fixed and unchangeable until the final realization of the subject of public procurement.
- 19.5. The bidder alone is responsible for covering the cost of the usage of patent, and he bears responsibility for violation of protected intellectual property rights of third persons.

## **20. Negative references**

- 20.1. Pursuant to Article 82. of the Law on Public Procurement (Official Gazette of the Republic of Serbia 124/12, 14/15 and 68/15), the Purchaser shall reject the bid if he possesses the evidence that in the preceding three years, in the public procurement procedure the bidder:
- 1) has acted contrary to the prohibition from Article 23. and 25. of the Law on Public Procurement
  - 2) has committed the violation of competition;
  - 3) has submitted untrue data in his bid or failed to conclude the public procurement contract without reasonable causes, after being awarded;
  - 4) has rejected to submit the evidence and the securities to which he bided himself in his bid.
- 20.2. The purchaser shall reject the bid if he possesses the evidence confirming that the bidder has not been fulfilling his obligations according to previously concluded public procurement contracts related to the goods which are the subject of this procurement, for the period of preceding three years prior to announcing invitation for procurement.  
The evidence from the preceding paragraph may be:
- 1) final court decision or final decision of another competent court;
  - 2) the document on realized security for execution of obligations in the public procurement procedure or fulfillment of contractual obligations;
  - 3) the document on charged contractual penalty;
  - 4) complaints of the customers, i.e. users, if they are not eliminated within a reasonable period;
  - 5) report from the competent authority regarding the executed works which are not in conformity with project, i.e. contract;
  - 6) statement about contract termination due to unfulfillment of significant elements of the contract, made in a way and under conditions foreseen by law which regulates contractual relations;
  - 7) evidence about engagement in execution of public procurement contract of persons who were not stipulated in the bid as subcontractors, i.e. members of the Group of Bidders;

20.3. Purchaser can reject a bid if he possesses the evidence stipulated in item 21.2. paragraph 2. 1) of this item (final court decision or final decision of another competent authority), which refers to the procedure conducted or concluded by another bidder, if the public procurement subject is of the same kind.

## **21. Changes of data about bidder, before the conclusion of contract**

21.1. If after opening of bids there are changes in the business name of the bidder, his head office (street, number), legal form, change of Managing Director/ Director, i.e. person to sign the contract, the bidder shall inform the purchaser about that immediately, in writing, to the address 29 Kneginje Ljubice Street, 11000 Belgrade or by fax no. +381 11 366-4087.

## **22. Amendment of public procurement contract**

22.1. Upon the conclusion of contract, the purchaser can allow the change of scope of procurement, bearing in mind that value of the contract cannot be increased more than 5% of total contractual value concluded initially, in case when that option is clearly defined.

22.2. If the purchaser intends to amend the public procurement contract, he is obliged to make the decision on the contract amendment and to publish on the Public Procurement Portal.

22.3. Correction of calculation and other technical mistakes in the contract shall not be deemed as the contract amendment.

## **23. Obligations of the awarded bidder**

23.1. The awarded bidder must provide all the necessary confirmation that the vehicle, aggregates, devices and components comply with the uniform technical description, in accordance with the regulations on homologation as defined in the "Regulations on the division of motor vehicles and trailers and the technical requirements for vehicles in traffic roads" ("Official Gazette ", no. 40/12 from 26.04.2012, 102 /2012 from 26.10.2012, 19/2013 from 27.02.2013, 41/2013 from 10.05.2013, 102/2014 from 22.09. 2014) no later than the delivery of buses. (In accordance with Clause 1.1. Technical description of the public procurement).

23.2. The awarded bidder is required to submit a user guide element for traction in accordance with Clause 7.1. of the Technical description of the public procurement.

23.3. The awarded bidder suggests to the Purchaser selection of colour suggestion. The Purchaser makes the final decision on the choice of colors for the interior equipment, the driver's cabin of the vehicle. (In accordance with Clause 8.2 point 8.5 and 9.2. Technical description of the of public procurement).

23.4. Vehicles must be delivered with a calibrated digital tachograph. In the event of any intervention on the vehicle during the warranty period, which entails the necessity of calibration of tachographs, the costs borne by the same awarded bidder. (In accordance with paragraph 9.3 of the technical description of public procurement).

23.5. During the stages of production of low-floor solo bus on electric drive, the inspection team carries out two inspections customer vehicles in production. The costs of these inspections shall be borne by the awarded bidder. The expert team consists of a maximum of 3 customer representatives. The total duration of an inspection shall not exceed 5 working days. All necessary " 0 " tests and functional tests prior to delivery, shall be implemented at the plant of the manufacturer, in accordance with paragraph 13 of the technical description of the subject of public procurement.

At any stage in the production of buses, if the GSP requires a check of the offered features and quality parts, components and materials, the awarded bidder shall, not later than 7 days after receiving the written request, present the required documents. (In accordance with paragraph 13 of the technical description of the subject of public procurement).

23.6. The awarded bidder for the bus performs any defect caused due to inadequate structural solutions production or materials during the warranty period, without delay and without compensation. The awarded bidder who delivers buses pays all damages incurred to the accompanying elements primarily damaged part, caused by a defect components during the warranty period. (In accordance with paragraph 14 of the Technical description of the procurement).

23.7. During the warranty period, the awarded bidder is obliged to accede to intervention and diagnose a malfunction on the location of the customer within a period of no longer than 48

hours of receipt of the invitation Purchaser via email or fax. During the warranty period, spare parts are delivered to the customer's request, within a maximum of 7 working days. In case of some special and unforeseen circumstances with the consent of the Purchaser deadline for elimination of failure may be longer than anticipated.

For parts, components and assemblies that are replaced under this guarantee, warranty terms are applied as of the date they are parts, components and assemblies built-in to the end of the total warranty on the vehicle.

The Purchaser shall service deliveries in accordance with the maintenance plan submitted to the awarded bidder within the warranty period, the service area of the Purchaser. The awarded bidder must provide staff training, spare parts at the Purchaser's request and advisory assistance through mobile or stable phone lines.

All the supplies falls on the selected bidder and the same must be included in the total value of the offer. (In accordance with Clause 14.1. A technical description of the public procurement).

23.8 Time spent out of exploitation due to technical defects during the warranty period, after the response time of the awarded bidder (48 hours) and a period of 7 working days, if the vehicle is not in exploitation, will be charged:

- 150 Euros net per vehicle per day.
- In case of special and unforeseen circumstances with the consent of the Purchaser deadline for elimination of failure may be longer than anticipated, and in this case will not be counted time out exploitation during the warranty period. (In accordance with Clause 14.3. of the Technical description of the public procurement).

23.9. The costs of all training are borne by the awarded bidder. Training is done on location GSP"Belgrade".

The awarded bidder must organize and at their own expense train instructors for drivers and other experts, at least 15 days before releasing the vehicle into regular service. The awarded bidder shall submit all the necessary literature to participants. (In accordance with Clause 15.1., 15.2., 15.3. of the Technical description).

23.10 The following documents shall be delivered free of charge in printing and electronic form in Serbian language, 15 days prior to the delivery of buses, at the latest. Updating of these documents shall be provided during the period of 12 years. The documentation shall consist of the following items:

- User manual for each delivered bus, with necessary modifications and supplements specific for the delivered model (mandatorily in Serbian language also),
- Workshop manuals (mandatorily in Serbian language also) (2 sets) with information on all needed:
  - machines and tools for vehicle maintenance,
  - measuring instruments for vehicle maintenance,
  - cooling fluids
  - and all lubricants needed for vehicle maintenance
- Workshop drawings (5 sets), containing:
  - drawing of the offered bus from four different angles,
  - plan of carbody panels,
  - drawing of front vehicle grating,
  - drawing of side vehicle grating,
  - drawing of rear vehicle grating,
  - drawing of roof vehicle grating,
  - drawing of lower vehicle grating,
  - floor drawing
  - drawing with locations of handrails and handgrips
  - drawing of electrical installation – schematic (minimum format A1)

- drawing of electrical installation – conducted state (minimum format A1)
- drawing of pneumatic installation – schematic (minimum format A1)
- drawing of pneumatic installation – conducted state (minimum format A1)
- drawing of lubrication scheme
- drawing of heating and cooling scheme – schematic (minimum format A1)
- drawing of heating and cooling scheme – conducted state (minimum format A1)
- Instructions on measures for anti-corrosion protection (maintenance method and detailed instruction on smaller repairs) (mandatorily in Serbian language also)
- Information regarding health protection at work (mandatorily in Serbian language also)
- Manufacturer's catalogue of spare parts and aggregates (4 sets) in electronic form or other methods of storage and takeover of data on modifications (updates) needed during the lifetime of bus (12 years). (Spare parts catalogues shall include comparative "cross-reference" list, with catalogue numbers of manufacturers of spare parts).
- RAL paints (GSP standard), exact designation of the paint manufacturer, as well as precise designation of the components for bus painting preparation

(In accordance with Item 15.4. of the Technical description).

- 23.11 If it turns out during exploitation that some special tools needed for routine maintenance and missing on the suggestive list, the awarded bidder is obliged to deliver the missing tools within 14 calendar days, at its own expense. (In accordance with Item 16 of the Technical description).
- 23.12. The awarded bidder is obliged to deliver diagnostic devices all in accordance with requirements of the Purchaser (in accordance with Item 15.5. of the Technical description).
- 23.13. The awarded bidder is obliged to deliver all goods from suggestive list of the Purchaser (filters-filters, electric and carbody spare parts; spares parts from the list of additional spare parts, components, tools, equipment and special devices to assess the awarded bidder), all in accordance with the Purchaser's requirements. (In accordance with Item 16 of the Technical description).

## **SECURITY MEANS FOR THE AWARDED BIDDER**

### **1. BANK GUARANTEE FOR GOOD PERFORMANCE**

The Bidder is obliged to issue to the Purchaser, after the conclusion of the contract, the bank guarantee for good performance, which is unconditional and payable on the first demand, equal to 10% of the total value of the bid, without VAT. Validity period of the bank guarantee for good performance shall be 10 day longer than the contract validity period.

Good performance means compliance with all contractual obligations in the manner and within the period as agreed.

The Purchaser has the right to charge the bank guarantee for good performance in all situations where the Seller does not comply with contractual obligations in the manner and within the time agreed upon, such as: non-delivery, partial delivery, late delivery: vehicles, accessories, instructions for use and maintenance of vehicles, execution of training, hiring subcontractors as a person who is not stated in the offer, and any failure of the Seller in a manner determined by technical conditions and the tender documentation that forms an integral part of this contract.

The Purchaser will not charge the bank guarantee for good performance in situations where non-compliance to the contract (to non-delivery, partial delivery, late delivery/execution occurred due to circumstances (force majeure) which are direct impact on production, and thus to respect the agreed the deadline and method of delivery/execution or the occurrence of other objective circumstances which occurred after the conclusion of the contract (arising independently of the will of the Seller), which prevented the Seller to perform the obligations specified in this Agreement, in the manner and within the deadlines agreed and the Seller could not avoid, repair, foreseen, which the Seller must provide proof of.

If you do not perform the above-mentioned circumstances, the Purchaser shall, after completion of the contract, without delay, return to the Seller the bank guarantee.

## **2. BANK GUARANTEE FOR ADVANCE PAYMENT**

The Awarded Bidder shall submit the Bank Guarantee for of intentions of the bidder's business y which the business bank expresses its obligation to issue to the bidder bank warranty for refund of advance payment, which is unconditional and payable on the first demand, with **an amount of requested advance in the bid with VAT and deadline of 10 day longer than the contract validity period (agreed deadline of delivery/mounting/training performance...)**

The awarded bidder is committed to the guarantee for **refund of advance payment** within 10 days of the conclusion of the contract, the Purchaser before: the bank guarantee **for refund of advance payments**, unconditional and payable on the first call, in **the amount of requested advance payment offered with VAT**, and with a validity of **10 days longer than the validity of the contract** (agreed period of delivery/mounting/execution of training...)

The Purchaser has the right to charge the bank guarantee **for refund of advance payments** in all situations where the Seller does not comply with all contractual obligations on the way and within the time agreed.

**The Purchaser will not charge a bank guarantee for refund of advance payments** in situations where non-fulfillment of contractual obligations to the Seller, occurred due to circumstances (force majeure) or the occurrence of other objective circumstances which occurred after the conclusion of the contract (created independently the will of the Seller) and the Seller cannot get to avoid, eliminate, predict what the Seller must provide proof.

If you do not perform the above-mentioned circumstances, the Purchaser shall, after completion of the contract, without delay, return to the Seller the bank guarantee.

If, during the term of the contract, the objective circumstances that are not on the side of the Seller, and for which there is a prolongation of the deadline for delivery, installation and commissioning of the equipment, the Seller shall deliver the extension of the bank guarantee for refund of advance payment or a new bank guarantee for refund of advance payments, for the total amount paid in advance, new validity period shall be 10 days longer than the deadline for delivery and commissioning no later than 5 days prior to the expiration of the initial term of validity of bank guarantee for refund of advance payments.

If the Seller fails to submit the bank guarantee in the previous paragraph, the Purchaser shall activate originally submitted bank guarantee for refund of advance payment of at least 2 days before the expiry of the originally submitted guarantees.

All costs of acquisition, extension and activation of the guarantee shall be borne by the Seller.

## **3. BANK GUARANTEE FOR ELIMINATION OF DEFECTS WITHIN THE WARRANTY PERIOD**

The Seller shall the guarantee for **elimination of defects within the warranty period** on the day of signing of the Record on the takeover, the Purchaser before: a bank guarantee **for eliminating defects within the warranty period**, unconditional and payable on the first call, the amount of 3% of the total contracted value without VAT, and with a validity period of 5 days longer than the agreed warranty period.

The purchaser has the right to charge a bank guarantee for **eliminating defects within the warranty period** in all situations where the awarded bidder does not comply with all contractual obligations in the manner and within the time agreed upon, such as: do not resolve the complaint within the stipulated period and failure to eliminate defects during the warranty period.

The customer will not charge the bank guarantee for **eliminating defects within the warranty period** in cases where defects are caused by the improper handling by the Purchaser.

The Purchaser shall, after the expiry of the guarantee period, without delay, return to the Seller the bank guarantee.

If, during the warranty period, bank guarantee for **eliminating defects being** charged, the Seller shall submit the new bank guarantee under the same conditions, within 10 days.

## **VII FORM OF THE BID AND OTHER MANDATORY FORMS TO BE SUBMITTED BY THE BIDDER ALONG WITH THE BID**

**Note: THE BID shall be submitted in the FORMS from 1 to 9 or in the forms of identical content**

### **1) GENERAL INFORMATION ABOUT BIDDER/SUBCONTRACTOR/JOINT BID – Form 1**

Form about general information about Bidder/subcontractor/Joint Bid signed and verified by the Bidder or authorized representative of the Bidder in case of joint bid – Form 1.

In case when the Bidder plans to delegate the procurement partially to subcontractor, it is necessary to describe all information in Form 1 (business name or short name from adequate data base, head office address, ID number, tax ID number, contact person, phone, fax, part of procurement delegated to subcontractor and information about percentage of procurement total value delegated). Make copies of Form 1 in the same number as the number of subcontractors and enter the data for all subcontractors.

In case of a Joint bid (the Group of bidders), it is necessary to make copies of Form 1 in the same number as the number of Bidders in the Joint Offer and in defined form (Form 1 – Basic information about Bidder), in section information about Bidder fill all information about each Bidder.

In case of a Joint bid, (Joint Venture) with Form 1 also submit the agreement by which the Bidders from the Group bind themselves on mutual commitment and the commitment towards the Purchaser to execute public procurement, and which shall mandatorily contain:

- 1) a member of the group who shall the leader of business, i.e. who shall submit the bid represent the Group of Bidders in front of the Purchaser;
- 2) Obligations of each of the bidders from the Group of Bidders for execution of the contract.

### **2) BID FORM – Form 2**

The Bidder shall fill in all required information (name of the manufacturer of the offered buses, brand, type and mark the offered buses, delivery, method of payment, warranty period, the option offers, prices and other required information).

In case of joint bid all pages of the form offers has to be filled, signed and certified by a bidder or a representative of the Bidder.

*After the conclusion of a public procurement the Purchaser may permit a change of essential elements of the contract (terms of delivery, manner and terms, guarantee period) only for objective reasons that did not exist in the moment of signing the contract, which could not have been influenced by their own will (e.g. extraordinary circumstances, changes in legal regulations related to the subject of the contract).*

#### **a) Prices in the bid**

All the prices shall be stipulated in Serbian Dinars, with calculated dependent costs of procurement in the parity of GSP locations.

The values in the offer may be expressed in Euros.

All values must be expressed in the same currency.

For the calculation of the price in dinars will use the middle exchange rate of the National Bank of Serbia on the day when it started opening.

The total value of the offer must be included all costs charged the execution of the acquisition (cost of vehicles, equipment, spare parts, components, tools, equipment, training of personnel of the Purchaser, preparatory works, mounting and commissioning of the charger, the costs of regular services and materials for their accomplishment, costs incurred are charged with the execution of the procurement - customs transportation, support services ... and all other variable costs that are related to the implementation of contractual obligations), and they cannot be stated separately outside the offered price, invoice or charged.

All expenses must be reported on a parity on JKP GSP "Beograd" parity, 2 Bulevar Crvene Armije street, Belgrade.

Offered prices are fixed and unchangeable until the final realization of the subject of public procurement.

The Bidder is obliged to express the prices in total according to the structure as required in the tender form. If the offered price includes import duties and other charges, the Bidder shall express that part separately in Dinars.

#### **b) Method and deadlines of payment**

##### **1) In case of required advance payment by the Bidder:**

The Purchaser accepts advance payment with an amount of maximum **30%** of the total value of the bid, if the Bidder requires payment in advance in the tender.

The deadline for the advance payment, accepted by the Purchaser is at least 7 days following the submission of bank guarantee for performance and bank guarantee for refund of advance payment.

The payment of the remaining amount of the contract, the Purchaser shall make within **45 days** from the receipt of a proper invoice the Purchaser for payment and mutual signing: Record on takeover of the goods (for each vehicle); Record on takeover of accessories (diagnostic devices, workshop equipment, spare parts, components, tools and equipment); Records on takeover of professional and technical documentation; Records on training; Records on takeover of the Internal powers for preventive maintenance of buses, Records on completed installation and commissioning of the charger. Records specified in the preceding paragraph are submitted with the invoice as an evidence of commitment made in accordance with the contract.

## **2) If the Bidder does not require advance payment in the bid**

The deadline for paying total amount of the contract, the Purchaser shall make within **45 days** from the receipt of a proper invoice the Purchaser for payment and mutual signing: Record on takeover of the goods (for each vehicle); Record on takeover of accessories (diagnostic devices, workshop equipment, spare parts, components, tools and equipment); Records on takeover of professional and technical documentation; Records on training; Records on takeover of the Internal powers for preventive maintenance of buses, Records on completed installation and commissioning of the charger.

Records specified in the preceding paragraph are submitted with the invoice as an evidence of commitment made in accordance with the contract.

The Purchaser shall not issue any financial guarantees for the payment.

The purchaser does not accept any additional conditioning by the bidder regarding conditions, deadline and the method of payment.

## **c) DELIVERY DEADLINES FOR BUSES, ACCOMPANYING EQUIPMENT, TECHNICAL DOCUMENTS, INSTALLATION, PUTTING IN OPERATION ALL CHARGERS AND TRAINING OF PURCHASER'S STAFF**

### **1) Deadline for delivery of buses:**

The Purchaser is prepared to accept the longest deadline for 5 new low-floor solo bus with electric drive, - 8 months from the date of signing of the purchase agreement (**if the Bidder does not require advance payment in its bid**) /8 months counting from the day of payment of the advance by the Purchaser and after the bank guarantee for good performance and bank guarantee for refund of advance payment (**if the Bidder requires payment in advance in its offer**) All vehicles are delivered at once.

### **2) Deadline for delivery of accompanying equipment, technical documents, installation, putting in operation all chargers and training of purchaser's staff**

- the Purchaser is prepared to accept the maximum delivery time for **2 charger for fast charging at termini and 1 for slow charging at the depot** is at least 15 days before the delivery of 5 new low-floor solo bus on electric drive, by the Bidder to the Purchaser.

- the maximum length for preparation works on the assembly and installation of all chargers and commissioning of the same, and that the Purchaser is prepared to accept is **the latest by delivery of vehicles, i.e. not more than 10 days from installing connectors** (Record of the completed installation and commissioning of the charger).

- the longest delivery time accepted by the Purchaser for a delivery of device for **diagnostics and work shop equipment** at the latest upon receipt of all 5 new low-floor solo bus with electric drive, by the Bidder to the Purchaser (Signing of the Records for takeover of vehicles).

- The Awarded Bidder is obliged to **spare parts, components, tools and equipment necessary for routine maintenance vehicles with the Suggestive list of the Purchaser**, delivered at the latest when the delivery of buses by the Purchaser, and all in accordance with specified in the tender form (Form 2). (Signing of the Records on takeover of vehicles).

### **3. Deadlines for training of the Purchaser's staff that the Purchaser is prepared to accept**

**Training for vehicle driving:**

*( 15 days prior to releasing the vehicles into the regular service)*

**Training for servicing and repair of vehicles:**

*( 15 days prior to releasing the vehicles into the regular service)*

**Training for warranty requirements and operational resources of assemblies in the vehicle:**

*( 15 days prior to releasing the vehicles into the regular service)*

**Documents on vehicle driving and maintenance:**

*( 15 days prior to releasing the vehicles into the regular service)*

The Purchaser does not accept any additional conditionality by the Bidder in terms of time of delivery. Place of delivery of goods is at the following address: Republic of Serbia, Belgrade, JKP GSP "Beograd" – 2 Bulevar Crvene Armije Street, Belgrade.

The Bidder shall bear all costs and risks involved in bringing the goods to the destination.

**d) Validity period of the bid (bid option)**

The validity period of the bid cannot be shorter than 30 days starting from the day of public opening of the bids.

The bid which does not contain validity period of the bid (bid option), as well as the bid with the validity period of the bid shorter than the one stipulate in the preceding paragraph, shall be rejected as unacceptable.

**e) Warranty period**

**1. Required deadline for interventions within the warranty period (delivery of spare parts and components) and the warranty period for production of spare parts and components after the expiry of warranty period:**

**Deadline for intervention based on the warranty:**

The awarded bidder is obliged to start with intervention at Purchaser's location within 48 hours upon the receipt of Purchaser's request at the latest.

The awarded bidder is obliged to provide the spare parts and components and to repair the occurred defect within 7 days from diagnosing the defect. In case of occurrence of certain special or unexpected circumstances, the deadline for defect repair can be longer than foreseen, with the Purchaser's consent.

Defect repair: The awarded bidder is obliged to repair all the defects occurred due to inadequate design solution when manufacturing or material during the warranty period, without delay and free of charge.

The awarded bidder is obliged to compensate for the collateral damage caused by the defect of components during the warranty period.

The minimum period of **production of spare parts and/or components, or the period for which the Awarded Bidder guarantees the production of spare parts and components, after delivery of the last bus**, and which the Purchaser is prepared to accept a minimum of 12 years from the date of final acceptance of the buses to their destination by the Purchaser (the signing of the Protocol on the takeover of buses). The declaration of the vehicle manufacturer to be submitted.

**2. Charging of time spent out of service and transfer during the warranty period:**

The time spent out of service due to technical defects during the warranty period, after 7 working days upon diagnosing the defect, shall be charged:

- 150 EUR net daily per vehicle.
- If certain special or unexpected circumstances occur, the deadline for defect repair can be longer than foreseen, with the Purchaser's consent, in which case the time spent out of service during the warranty period shall not be charged.

**3. Description of required warranty period, counted from the moment of takeover of buses at the Purchaser's location (Signing the Protocol on takeover of buses):**

- Minimal warranty period for the **entire vehicle**, the Purchaser accepts minimum 2 years or 200,000 km passed, whatever comes first.

- Minimal warranty period for **batteries or ultra capacitors**, the Purchaser accepts minimum 5 years.

- Minimal warranty period for **chargers for fast charging on termini and for slow charging in the depot**, the Purchaser accepts minimum 5 years.
- Minimal warranty period for **chassis and carbody, floor assembly (without floor lining)**, the Purchaser accepts minimum 12 years.
- Minimal warranty period **for paint**, the Purchaser accepts minimum 6 years.
- Minimal warranty period **for outer lining**, the purchaser accepts minimum 8 years.

**For assemblies and devices which are not stipulated, the warranty period shall not be shorter than the offered warranty for the entire vehicle.**

#### **4. Inspections**

##### Inspections:

- During the phase of production, the inspection team of the Purchaser shall conduct two inspections of vehicles in production. The expenses of these inspections shall be covered by the awarded bidder. Purchaser's expert team shall consist of not more than 3 representatives. One inspection shall last for not more than five working days.

##### Checking of characteristics and quality of the parts and materials:

- During any of the phases of bus production, if GSP requires the check of offered characteristics and quality of parts, components and materials, the awarded bidder is obliged to submit the requested documents 7 days upon the receipt of written request at the latest.

##### Inspection before the shipment:

- All needed tests and functional trials before the shipment of vehicles shall be conducted in the manufacturer's factory.

#### **3) PRICE STRUCTURE - Form 3**

Together with the bid, the Bidder shall submit the Form of price structure (Form 3), pursuant to Article 12 of the Rulebook on obligatory elements for tender documents in public procurement procedures and methods of proving the fulfillment of requirement (Official Gazette of the Republic of Serbia 86/15).

It is necessary that the Bidder in the Form 3 specify all the elements that influence the formation of the starting price (the Bidder to decide what elements will specify expressed in Dinars).

In the form of price structure are carried unit price of bus without VAT, the unit price of bus with VAT (fill in only if the price is given in RSD), the total value of 5 buses without VAT, the total value of 5 buses with VAT (filled only if the price is given in RSD), the total value of chargers for fast and slow charging, diagnostic equipment and workshop equipment and spare parts, components, tools, equipment with suggestive list of the Purchaser as well as special devices in accordance with assessment of the Bidder (necessary for routine vehicle maintenance and overhaul and repair of aggregates, components and devices on the vehicle), excluding VAT, the cost of regular services and supplies excluding VAT, training of staff of the purchaser without VAT, customs fees, transportation costs, other costs related to the preparatory works, mounting and commissioning charging VAT, the total value of the offer without VAT and the total value of the offer with VAT (fill in only if the price is given in RSD), as well as all other elements are essential to the Bidder.

The bidder is allowed to make as many copies of Form 3 as needed.

Form for price structure is filled in, signed and verified by the Bidder or authorized representative in case of the Joint bid – Form 3.

Prices stipulated in Form 3 have to correspond to the prices stipulated in the Bid Form.

#### **4) FORM OF THE COSTS FOR THE PREPARATION OF BIDS – Form 4**

The Bidder may submit with the bid the total amount of and the structure of costs for the preparation of bid.

The Bidder, or in case of the joint bid the authorized representative fills in, signs and verifies Form for preparing costs for the offer – Form 4, if the bidder submits the form of the costs.

The form shall contain the costs of acquisition of the security means.

In case when the Bidder does not submit Form 4 or not deliver in the required manner, the Purchaser is not obliged to compensate the costs for the bid preparation in case of cancellation of the public procurement procedure due to the reasons caused by the Purchaser.

#### **5) FORM OF DECLARATION ON THE INDEPENDENT BID - Form 5**

The Bidder signs and verifies with stamp, **and in case of the Joint Bid all members of The Group sign and verify with stamp**, the declaration statement confirming under perjury that the bid was submitted independently, without any agreements with other bidders or interested persons - Form 5. In case of reasonable suspicion regarding the veracity of statement for independent offer, the Purchaser shall urgently inform organization in charge for protection of competition.

**6) FORM OF TECHNICAL DESCRIPTION ON OFFERED BUS - Form 6**

The Bidder or authorized representative of the joint bid signs, fills in and certifies Form 6. All the required data must be completed. In the form of technical descriptions of the offered buses, The Bidder is to fill if the technical description as required or cited short description offered if it is not in accordance with the required technical specification.

**7) DECLARATION OF THE BIDDER ABOUT THE COMPLIANCE WITH THE OBLIGATIONS FROM THE VALID REGULATIONS ON THE PROTECTION AT WORK, EMPLOYMENT AND WORKING CONDITIONS, ENVIRONMENTAL PROTECTION AND THE DECLARATION THAT THERE IS NO BAN ON PERFORMING IN FORCE AT THE TIME OF FILING OFFER – Form 7**

The form of the declaration on compliance with the obligations from the valid regulations on the protection at work, employment and working conditions, environmental protection and the declaration that there is no ban on performing in force at the time of filing offer – form 7.

**If the bid is submitted by the group of bidders, Declaration must be signed by the authorized person of each Bidder from the Group of bidders and stamped (each of the bidders shall submit a separate statement).**

If the Bidder fails to submit Form 7 in his the bid or fails to submit it in the manner required bid will be rejected as unacceptable.

**8) FORM LIST OF REFERENCE THAT THE BIDDER, IN THE PERIOD FROM THE PAST 5 YEARS, BEFORE ANNOUNCING THE INVITATION FOR SUBMISSION OF BIDS, ON DELIVERING/HANDOVER FOR USAGE OFFERED TYPE OF VEHICLE, CHARGING TECHNOLOGY AND STORAGE OF ELECTRICITY TO ONE OR MORE END USERS/PURCHASERS (CUSTOMERS) - FORM 8**

Form reference list (Form 8) filled out, signed and certified by the Bidder or a representative of a joint bid.

With the bid the Bidder shall also submit reference list (Form 8) i.e. proof of delivery/handover to usage at least one (1) vehicle the same offered type, charging technology and electrical energy storage in last five (5) years, prior to announcing the invitation for procurement, on memorandum – signed, sealed and authorised issued by end user/purchaser.

With the reference list (Form 8) the Bidder shall also submit Proof/Statement from the end user/purchaser on purchasing/handover for usage from the Bidder at least one (1) vehicle the same offered type, charging technology and electrical energy storage in last five (5) years, prior to announcing the invitation for procurement, on memorandum – signed, sealed and authorised issued by end user/purchaser (type of vehicle in the Statement shall be identical to type of vehicle offered in the forms); and that there are no unsolved claims relating to quality or exploitation within at least one (1) year of using/delivered goods in regular exploitation.

The Statement shall be accompanied with photocopies of concluded agreements/other legal basis for usage (agreement on sale, agreement on lease, agreement for the transfer of usage, agreement on present or any other legal type of usage) and invoices:

**Issued statements shall have following information:**

- name and head office of seller/giver for usage/lessor/donor...
- name and head office of bus manufacturer
- brand and type of delivered bus
- number of delivered buses
- takeover date between seller/giver for usage/lessor/donor... and purchaser/user
- first and last name of contact person, phone number of purchaser/user, contact email
- date of agreement conclusion and number of the agreement
- date and number of invoice (in case issuing invoice according to the legal act of usage)

**With the statement the End user /the Purchaser must submit copies of concluded contracts/other legal basis for usage (agreement on sale, agreement on lease, agreement for the transfer of usage, agreement on present or any other legal type of usage) and invoices: (which are specified in the Statement).**

**Model of the End User /Purchaser Statement attached to reference list.**

If the Bidder fails to submit Form 8 or Statement of End users/ Purchaser in tender documents or does not deliver in the manner required bid will be rejected as unacceptable.

**9) MODEL OF CONTRACT - Form 9**

The Bidder, or in case of the joint bid the authorized representative, shall fill in the header of the model of contract (Item 1 of the model of contract), signed and certified by same. He can also fill in the essential elements of the contract - the prices, the method and deadline of payment, other contractual obligations.

If the same are not filled in, and are filled in the Bid Form, the data from the Bid shall be applicable.

**THE BID OFFER THAT DOES NOT CONTAIN ALL FORMS, APART FROM FORM OF THE COSTS FOR THE PREPARATION OF BID (4), OR FORMS THAT ARE IDENTICAL TO THE STIPULATED FORMS, EVIDENCE AND REQUESTS DEFINED BY TENDER DOCUMENTS SHALL BE REJECTED AS UNACCEPTABLE. THE PURCHASER SHALL NOT REFUSE AN OFFER IN SITUATION WHEN HE CAN DETERMINE FULFILLNESS OF THE REQUIRED CONDITION FROM THE BID (e.g. if certain data exist in one of the forms, and do not exist in another form).**

**VIII TENDER FORMS**

<b>GENERAL DATA ON THE BIDDER/SUBCONTRACTOR/JOINT BID</b>	<b>FORM 1</b>
---	---------------

<b>DATA ON THE BIDDER</b>	
---------------------------	--

Name of the Bidder	
Name and the head office of the Bidder (Street, number, place)	
Municipality	
Managing Director/Director	
A person to sign the Contract	
Contact person	
Telephone number	
Fax number	
e-mail	
Current account of the company and the name of the Purchaser's Business Bank	
Company registration number	
Tax identification number of the Purchaser	
Type of Purchaser (legal form of the company – Limited Liability Company, Joint Stock Company, Public Company, Partnership Company, Limited Liability Partnership...)	
Organizational part (optional) Relates to the existence of branches (is it Organizational Unit, depot, Units...), if these do not exist in the company, nothing should be entered.	
The bidder is registered in the Register of Bidders maintained by Business Registers Agency (CIRCLE YES OR NO)	<b>YES          NO</b>
<b>JOINT BID:</b> In case of submission of joint bid (Group of Bidders), it is necessary to circle "YES" <b>(If there are more participants of joint bid, Form 1 shall be copied in as many copies as there are PARTICIPANTS IN THE JOINT BID and fill in the data on the bidder for each one of them)</b>	<b>YES</b>

<b>DATA ON SUBCONTRACTOR</b>	
------------------------------	--

Name and head office of the Subcontractor	
Contact person	
Telephone and fax	
e-mail	
Company registration number	
Tax identification number of the Company	
A part of PROCUREMENT to be entrusted to the Subcontractor	
Percentage of the total value of procurement to be entrusted to the Subcontractor	

Procurement subject - Goods: **PURCHASE OF 5 NEW SOLO LOW FLOOR BUSES WITH ELECTRIC DRIVE WITH EQUIPMENT FOR CHARGING** (name and label from the general procurement dictionary: 34144910 – Electric Buses), **no VND – 302/15**

Date:	Signature:
<b>The Purchaser's seal</b>	

<b>BID FORM</b>	<b>FORM 2 page 1/8</b>
-----------------	----------------------------

<b>1</b>	<b>UNIT PRICE OF NEW LOW FLOOR SOLO BUS WITH ELECTRICAL DRIVE, VAT EXCLUDED</b>	_____ (insert price and currency)
	<b>TOTAL VALUE OF 5 NEW LOW FLOOR SOLO BUS WITH ELECTRICAL DRIVE, VAT EXCLUDED</b>	_____ (insert price and currency)
<b>2</b>	<b>TOTAL VALUE OF CHARGERS FOR FAST AND SLOW CHARGING (with accompanying expenses of preparation works, installation and their commissioning), DIAGNOSTIC EQUIPMENT AND WORKSHOP EQUIPMENT, AS WELL AS FOR SPARE PARTS, COMPONENTS, TOOLS, EQUIPMENT FROM THE SUGGESTIVE LIST OF PURCHASER AND ADDITIONAL SPARE PARTS, COMPONENTS, TOOLS, EQUIPMENT AND SPECIAL TOOLS ACCORDING TO THE BIDDER'S ASSESSMENT (necessary for regular maintenance of vehicles and for overhaul and repairs of aggregates, assemblies and devices in the vehicle), VAT excluded</b>	_____ (insert price and currency)
<b>3</b>	<b>OTHER EXPENSES (CUSTOMS, TRANSPORT, TRAINING OF PURCHASER'S STAFF, COSTS OF REGULAR SERVICE AND CONSUMABLES) and all other dependable expenses which charge the execution of the subject procurement), VAT EXCLUDED</b>	_____ (insert price and currency)
<b>TOTAL BID VALUE, VATA EXCLUDED (sum of total values 1 – 3)</b>		_____ <b>(insert price and currency)</b>

<b>MANUFACTURER OF OFFERED BUS</b>	
<b>BRAND OF OFFERED BUS</b>	
<b>TYPE OF OFFERED BUS</b>	
<b>LABEL OF OFFERED BUS</b>	

<u>Bid option valid thru:</u>	_____ days from the day of bid opening.
-------------------------------	---

Offered conditions and method of payment: (if the bidder requires advance payment in his bid)	<p style="text-align: center;">_____ % advance payment, within _____ days counted from the day of delivery of performance bond and advance payment guarantee, while the Purchaser shall make the payment of the remaining contract value within 45 days from the day of delivery of correct invoice and mutual signing of: Record on the takeover of the goods (for each vehicle separately); Record on takeover of accompanying equipment (diagnostic devices, workshop equipment, spare parts, components, tools and equipment); Record on takeover of technical documentation; Record on training conducted; Record on takeover of Internal authorization for preventive maintenance of buses, record of performed installation and commissioning of chargers.</p> <p style="text-align: center;">(as evidence that the obligation is fulfilled in accordance with the contract)</p>
deadline for the advance payment is:	<p style="text-align: center;">_____ upon the delivery of performance bond and advance payment guarantee</p>
Offered conditions and method of payment: (if the bidder does not require advance payment in his bid)	<p>Total value of the contract, within _____ days counted from the day of delivery of correct invoice to the Purchaser for payment and mutual signing of Record on the takeover of the goods (for each vehicle separately); Record on takeover of accompanying equipment (diagnostic devices, workshop equipment, spare parts, components, tools and equipment); Record on takeover of technical documentation; Record on training conducted; Record on takeover of Internal authorization for preventive maintenance of buses, record of performed installation and commissioning of chargers.</p> <p style="text-align: center;">(as evidence that the obligation is fulfilled in accordance with the contract)</p>

[seal]	BIDDER
_____	

<b>BID FORM</b>	<b>FORM 2</b> page 2/8
-----------------	---------------------------

<b>OFFERED DELIVERY DEADLINES FOR BUSES AND ACCOMPANYING EQUIPMENT</b>	
Offered delivery deadline for buses is:	_____ months counted from the day of purchase contract signing <b>(if the bidder does not require the advance payment in his bid)</b>
	_____ months counted from the day of Purchaser's advance payment made after the delivery of performance bond and advance payment guarantee <b>(if the bidder requires the advance payment in his bid)</b>
Offered delivery deadline for <b>2 chargers for fast charging at termini and 1 charger for slow charging in the depot</b> is:	_____ (insert offered delivery deadline)
Offered deadline for preparation works, mounting, installation and commissioning of all chargers is:	the latest by delivery of vehicles, i.e. not more than _____ days from installing connectors
Offered deadline for delivery of diagnostic and workshop equipment is:	_____ (insert offered delivery deadline)
Offered delivery deadline for <b>spare parts, components, tools and equipment necessary for regular maintenance of vehicles from the Purchaser's suggestive list</b> is:	_____ (insert offered delivery deadline)

<b>Offered deadlines for training of Purchaser's staff and for delivery of documents on vehicle handling and maintenance:</b>	BIDDER ACCEPTS PURCHASER' CONDITION CIRCLE:	
<b>Training for vehicle driving:</b> <i>( 15 days prior to releasing the vehicles into regular service at the latest)</i>	YES	NO
<b>Training for servicing and repair of vehicles:</b> <i>( 15 days prior to releasing the vehicles into regular service at the latest)</i>	YES	NO
<b>Training for warranty requirements and operational resources of assemblies in the vehicle:</b> <i>( 15 days prior to releasing the vehicles into regular service at the latest)</i>	YES	NO
<b>Documents on vehicle driving and maintenance:</b> <i>( 15 days prior to releasing the vehicles into regular service at the latest)</i>	YES	NO

[seal]	BIDDER  _____
--------	---------------------

<b>BID FORM</b>	<b>FORM 2 page 3/8</b>
-----------------	----------------------------

<b>Offered warranty period: 1. Required deadline for intervention within the warranty period, (delivery of spare parts and components) and the warranty period for production of spare parts and components after the expiry of warranty period:</b>	
<b>Offered deadline for intervention and diagnosis of defect at the Purchaser's location is:</b>	_____ hours upon the receipt of Purchaser's invitation
<b>Offered deadline for the provision of spare parts and components necessary for specific intervention (defect repair) is:</b>	_____ working days upon the receipt of Purchaser's invitation
<b>Offered period of provision of spare parts and/or components, i.e. period for which the awarded bidder guarantees the production of spare parts and components after the delivery of the last bus, within:</b>	_____ years
<b>Offered warranty period for the entire vehicle is:</b>	_____ years or 200,000 km passed („whatever comes first“)
<b>Offered warranty period for batteries and ultra capacitors is:</b>	_____ years
<b>Offered warranty period for chargers for fast charging at termini and for slow charging in the depot :</b>	_____ years
<b>Offered warranty period for chassis and carbody, floor assembly (without floor lining) is:</b>	_____ years
<b>Offered warranty period for paint is:</b>	_____ years
<b>Offered warranty period for outer lining is:</b>	_____ years
<b>For assemblies and devices which are not stipulated, the warranty period shall not be shorter than the offered warranty for the entire vehicle</b>	_____ (insert offered period of warranty)
<b>Information about service:</b>	_____ (insert business name and head office of service)

<u>Special conveniences:</u>	
------------------------------	--

[seal]	BIDDER
_____	

Verification by the members of Purchaser's Commission
1.
2.
3.
4.
5.
6.
7.

<b>BID FORM - CHARGERS FOR FAST CHARGING AT TERMINI AND CHARGER FOR SLOW CHARGING IN THE DEPOT</b>	<b>FORM 2 page 4/8</b>
--	----------------------------

<b>CHARGERS FOR FAST CHARGING AT TERMINI AND CHARGER FOR SLOW CHARGING IN THE DEPOT</b>					<b>Unit price, VAT excluded</b>	<b>Total price, VAT excluded</b>
<b>No.</b>	<b>Item description:</b>	<b>Quantity</b>	<b>Name of manufacturer and the country of origin of offered goods</b>	<b>Catalogue no./Label</b>		
1	Chargers for fast charging of the buses with electrical energy at termini shall be brand new and unused, produced in 2015/2016.	2				
2	Charger for slow charging of vehicle with electrical energy in the depot shall be brand new and unused, produced in 2015/2016.	1				
<b>TOTAL VALUE OF CHARGERS FOR FAST CHARGING AT TERMINI AND CHARGER FOR SLOW CHARGING IN THE DEPOT, VAT EXCLUDED</b>						

[seal]	BIDDER _____
--------	-----------------

**BID FORM - DIAGNOSTIC DEVICES AND WORKSHOP EQUIPMENT**

**FORM 2**  
page 5/8

DIAGNOSTIC DEVICES AND WORKSHOP EQUIPMENT					Unit price, VAT excluded	Total price, VAT excluded
No.	Item description:	Quantity	Name of manufacturer and the country of origin of offered goods	Catalogue no./Label		
1	<b>Diagnostic device for the whole vehicle</b> (For diagnosis of errors and measuring of working parameters for the entire vehicle and for all the systems in the vehicle, by means of corresponding connector)	1				
2	<b>Special tool for regular maintenance</b> (Set for maintenance of offered type of traction engine, inverter, axles and gearboxes, door system, pneumatic installation, electric installation, brakes, clamps and guides. Specification of special tool shall be offered by the bidder according to the suggestive list, which he considers necessary for performance of regular maintenance.)	1				
3	<b>Diagnostic device for monitoring of maintenance parameters and vehicle operation</b> (minimum 2 lap tops with pre-installed softwares for all types of diagnostic used in the vehicle)	2				
4	<b>Device for charging and discharging, as well as for the control of pressure in air-conditioner (vacuuming and system charging)</b>	1				
5	<b>Diagnostic device for control, data manipulation and maintenance of video surveillance system</b>	1				
6	<b>Diagnostic device for control, data manipulation and maintenance of system for automatic counting of passenger entering and exiting</b>	1				
7	<b>Software and interface for reading the data from digital tachograph</b>	1				
<b>TOTAL VALUE OF DIAGNOSTIC DEVICES AND WORKSHOP EQUIPMENT, VAT EXCLUDED</b>						

[seal]

BIDDER

**BID FORM – LIST OF SPARE PARTS, COMPONENTS, TOOLS AND EQUIPMENT necessary for regular maintenance of vehicles and for repair of aggregates, assemblies and devices in the vehicle**

**FORM 2  
Page 6/8**

**Filters – Strainers**

1	2	3	4	5	6	7	8
Item	Item description	Quantity	Catalogue number	Name of the manufacturer of the offered goods	Measuring unit	Unit price, VAT excluded	Total value, VAT excluded
1.	Steering system filter insert	10			piece		
2.	Air dryer insert	10			piece		
3.	Air conditioner coolant filters (dryer)	10			piece		
4.	Air conditioner air filters for vehicle interior (set per roof unit)	1			set		
5.	Air filters (metal) of roof evaporators (set per roof unit)	1			set		

**Braking system and parts of drive and steered axles**

1	2	3	4	5	6	7	8
Item	Item description	Quantity	Catalogue number	Name of the manufacturer of the offered goods	Measuring unit	Unit price, VAT excluded	Total value, VAT excluded
1.	Drive axle EBS wheel speed sensor	2			piece		
2.	Front axle EBS wheel speed sensor	2			piece		
3.	Driving wheel bolt (stud)	10			piece		
4.	Front wheel bolt (stud)	10			piece		
5.	Wheel nut	10			piece		
6.	Drive axle Tristop brake cylinder	1			piece		
7.	Front axle diaphragm brake cylinder	1			piece		
8.	Drive axle cushion- air bellow	10			piece		
9.	Front axle cushion- air bellow	10			piece		
10.	Front axle shock absorber	1			piece		
11.	Drive axle shock absorber	1			piece		
12.	Front axle bearing link – set	1			set		
13.	Pushing drag link – set	1			set		

Procurement subject - Goods: **PURCHASE OF 5 NEW SOLO LOW FLOOR BUSES WITH ELECTRIC DRIVE WITH EQUIPMENT FOR CHARGING** (name and label from the general procurement dictionary: 34144910 – Electric Buses), no VND – 302/15

14.	Front axle span link	1			piece		
-----	----------------------	---	--	--	-------	--	--

[seal] \_\_\_\_\_ BIDDER

<b>BID FORM – LIST OF SPARE PARTS, COMPONENTS, TOOLS AND EQUIPMENT necessary for regular maintenance of vehicles and for repair of aggregates, assemblies and devices in the vehicle</b>	<b>FORM 2 Page 7/8</b>
--	----------------------------

**Spare parts of auto electricity and carbody**

1	2	3	4	5	6	7	8
Item	Item description	Quantity	Catalogue number	Name of the manufacturer of the offered goods	Measuring unit	Unit price, VAT excluded	Total value, VAT excluded
1.	Handle for turn signal and wiper	2			piece		
2.	Exterior light signalling – set for one vehicle	1			set		
3.	Wiper lever-blade support – set for one vehicle	1			set		
4.	Bumpers – set for one vehicle	1			set		
5.	Wiper blade	10			piece		
6.	Switch for door opening on the dashboard – set for one vehicle	1			set		
7.	Main brake valve of EBS	2			piece		
8.	Mirrors with supports – exterior and interior – set for one vehicle	1			set		
9.	Glasses for interior and exterior mirrors – set for one vehicle	1			set		
10.	Glasses – set for one vehicle	1			set		

*Note: When preparing the bid, every bidder is obliged to consider Purchaser's Suggestive List (spare parts and components from the list are to be delivered along with the vehicles). Extraordinary, if the offered bus does not contain some of the parts from the list, the bidder can exclude that part with explanation. In accordance with the offered bus, the bidder can possibly expand the list of spare parts and components (item 16.1.4). The bidder shall stipulate in the form all needed parts, devices, tools, equipment not given in the Purchaser's suggestive list and are necessary for regular maintenance of vehicles and for overhaul and repairs of aggregates, assemblies and devices in the vehicle.*

[seal] \_\_\_\_\_ BIDDER

<b>BID FORM – LIST OF SPARE PARTS, COMPONENTS, TOOLS AND EQUIPMENT</b> necessary for regular maintenance of vehicles and for repair of aggregates, assemblies and devices in the vehicle	<b>FORM 2</b> Page 8/8
--	---------------------------

**List of additional spare parts, components, tools and equipment and special devices necessary for regular maintenance, overhaul and repairs, according to the bidders assessment**

1	2	3	4	5	6	7	8
Item	Item description	Quantity	Catalogue number	Name of the manufacturer	Measuring unit	Unit price, VAT excluded	Total value, VAT excluded
1.							
2.							
3.							
...							
<b>TOTAL VALUE OF SPARE PARTS, COMPONENTS, TOOLS AND EQUIPMENT necessary for regular maintenance of vehicles and for repair of aggregates, assemblies and devices in the vehicle, VAT EXCLUDED</b>							

[seal]	BIDDER
--------	--------

NOTE: This form shall be copied as many times as needed.

**PRICE STRUCTURE**

**FORM 3**

**PARTICIPATION OF ELEMENTS IN THE STRUCTURE OF OFFERED PRICE**

<b>UNIT PRICE OF NEW LOW FLOOR SOLO BUS WITH ELECTRIC DRIVE, VAT EXCLUDED</b>		_____	(insert price and currency)
<b>UNIT PRICE OF NEW LOW FLOOR SOLO BUS WITH ELECTRIC DRIVE, VAT INCLUDED</b>		_____	<i>(if the price is expressed in RSD)</i>
<b>TOTAL PRICE OF 5 NEW LOW FLOOR SOLO BUS WITH ELECTRIC DRIVE, VAT EXCLUDED</b>		_____	(insert price and currency)
<b>TOTAL PRICE OF 5 NEW LOW FLOOR SOLO BUS WITH ELECTRIC DRIVE, VAT INCLUDED</b>		_____	<i>(if the price is expressed in RSD)</i>
<b>Costs which make up the total price:</b>			
<b>TOTAL VALUE OF CHARGERS FOR FAST AND SLOW CHARGING, DIAGNOSTIC DEVICES AND WORKSHOP EQUIPMENT, AS WELL AS FOR SPARE PARTS, COMPONENTS, TOOLS, EQUIPMENT FROM THE SUGGESTIVE LIST OF PURCHASER AND ADDITIONAL SPARE PARTS, COMPONENTS, TOOLS, EQUIPMENT AND SPECIAL TOOLS ACCORDING TO THE BIDDER'S ASSESSMENT (necessary for regular maintenance of vehicles and for overhaul and repairs of aggregates, assemblies and devices in the vehicle), VAT excluded</b>		_____	(insert price and currency)
<b>COSTS OF REGULAR SERVICE AND CONSUMABLES, VAT EXCLUDED</b>		_____	(insert price and currency)
<b>TRAINING OF PURCHASER'S STAFF, VAT EXCLUDED</b>		_____	(insert price and currency)
<b>OTHER EXPENSES, VAT EXCLUDED</b>	<b>CUSTOMS</b>	_____	(insert price and currency)
	<b>TRANSPORT</b>	_____	(insert price and currency)
<b>OTHER EXPENSES, VAT EXCLUDED</b> Приpremни radovi, montaža puštaње у рад пуњача		_____	(insert price and currency)
<b>Total bid value, VAT excluded</b> <b>(delivery location PUC GSP "Beograd", including all the expenses incurred by the conclusion contract for 5 buses)</b>		_____	<b>(insert price and currency)</b>
<b>Total bid value, VAT included</b> <b>(delivery location PUC GSP "Beograd", including all the expenses incurred by the conclusion contract for 5 buses)</b>		_____	<i><b>(if the price is expressed in RSD)</b></i>

[seal]

BIDDER

**FORM OF THE COSTS FOR THE PREPARATION OF BID**

**FORM 4**

**FORM OF THE COSTS FOR THE PREPARATION OF BID**

**Costs of acquisition of the security means:**

<b>Ordinal number</b>	<b>Cost specification for the acquisition of the security means</b>	<b>Amount without VAT (in dinars)</b>	<b>Amount with VAT (in dinars)</b>
<b>Total amount (VAT excluded):</b>			
<b>Total amount (VAT included):</b>			

**Note:** Pursuant to the provisions of Article 88 of the Law on Public Procurement, the Purchaser may submit with the bid the total amount and the structure of expenses for the preparation of bid. The costs for the preparation of bid are covered exclusively by the Bidder and he shall not ask from the Purchaser to reimburse these costs. If the public procurement procedure is suspended due to the reasons caused by the Purchaser, the Purchaser shall compensate the Bidder for the costs of acquisition of the Security, provided that the Bidder submitted Form 4 along with his bid.

[seal]

BIDDER

\_\_\_\_\_

**DECLARATION ON THE INDEPENDENT BID**

**FORM 5**

## DECLARATION

I declare under perjury that I submitted the bid independently, without the agreement with other bidders or stakeholders.

[seal]	BIDDER
	_____

**Note:** *In case of existence of reasonable doubt in the veracity of declaration on the independent bid, the Purchaser shall immediately inform the organization in charge of protection of competition. The Organization competent for the protection of competition can impose to the Bidder or a stakeholder the measure of prohibition to participate in the public procurement procedure if it is established that the Bidder or a stakeholder hurt the competition on the public procurement procedure in the sense of the Law which regulates the competition protection. The measure of prohibition on participation in the public procurement procedure can last for up to two years. Hurt of competition is a negative reference, in the sense of Article 82, Paragraph 1, Item 2 of the Law.*

**FORM OF THE TECHNICAL DESCRIPTION OF THE OFFERED BUS**

**Form 6  
Page 1/25**

<b>REQUIREMENT ITEM</b>	<b>THE NAME OF THE TECHNICAL DESCRIPTION PART</b>	<b>REQUIRED BY THE TECHNICAL SPECIFICATION</b>	<b>DESCRIPTION OF WHAT IS OFFERED</b> in accordance with the requirement – <b>YES/NO</b> or stipulate a short description of what is offered
<b>1. GENERAL REQUIREMENTS</b>			
<b>1.1.</b>	<b>Laws and homologation</b>	Offered buses shall be consistent with all applicable laws and regulations in the Republic of Serbia, which regulate the field of motor vehicle production, putting them into service, traffic safety.	
<b>1.2.</b>	<b>Hazardous materials</b>	The list of all hazardous materials the usage of which is foreseen in the bid	
<b>1.3.</b>	<b>Transport requirements</b>	Possibility of starting at the gradient of 12% and passing through the curves with outer radius of 25 m. Average operation time of electrical bus shall be at least 16 hours a day.	
<b>1.4.</b>	<b>Meteorological conditions of operation</b>	-20 °C to + 50 °C.	
<b>1.5</b>	<b>Passability</b>	Outer radius 12.5 m Inner radius 5.3 m	
<b>1.6</b>	<b>Allowed level of noise</b>	Pursuant to Regulations UN ECE 51.02 or 70/157/EC.	
<b>1.7</b>	<b>Quality, protection from corrosion</b>	The quality of production and materials installed shall secure that no larger repairs, especially expensive overhauls of chassis and carbody due to the corrosion, are needed during the lifetime of buses (minimum 12 years).	
<b>1.8</b>	<b>Maintenance intervals and forms</b>	Supplier shall submit the forms for all service intervals which are foreseen according to his vehicle maintenance technology. These forms shall contain all the works which are performed on the vehicles during their regular services.	

[seal]

BIDDER

**FORM OF THE TECHNICAL DESCRIPTION OF THE OFFERED BUS**

**Form 6  
Page 2/25**

<b>REQUIREMENT ITEM</b>	<b>THE NAME OF THE TECHNICAL DESCRIPTION PART</b>	<b>REQUIRED BY THE TECHNICAL SPECIFICATION</b>	<b>DESCRIPTION OF WHAT IS OFFERED</b> in accordance with the requirement – <b>YES/NO</b> or stipulate a short description of what is offered
<b>2.1 Main dimensions</b>			
	L- Length	12.000 mm ±5%	
	A - Width	Max.2.550 mm	
	B- Height (with activated pantograph)	Max. 3.700 mm	
	Turning radius	≤25.000 mm	
	C- Front overhanging	Min. 2.600 mm	
	D- Rear overhanging	Min. 3.300 mm	
	Number of doors	Min. 2 ( <i>two-winged door</i> on the right side)	
	Tire dimensions	Max: 275/70 R 22.5	
	Capacity – passengers (sitting + standing)	Min. number of passengers: 80	
	E- Saloon height	Min. 2.100 mm	
	F- Entrance door height	Max. 340 mm	
	M- Front access angle	Max. 7°	
	N- Rear access angle	Max. 7°	
	Vehicle weight	("Rulebook on division of motor and combined vehicles and technical conditions for vehicles in road traffic")	

[seal]

BIDDER

\_\_\_\_\_

**FORM OF THE TECHNICAL DESCRIPTION OF THE OFFERED BUS**

**Form 6**  
**Page 3/25**

<b>REQUIREMENT ITEM</b>	<b>THE NAME OF THE TECHNICAL DESCRIPTION PART</b>	<b>REQUIRED BY THE TECHNICAL SPECIFICATION</b>	<b>DESCRIPTION OF WHAT IS OFFERED</b> in accordance with the requirement – <b>YES/NO</b> or stipulate a short description of what is offered
<b>3.0 DRIVELINE</b>			
<b>3.1</b>	<b>Traction electromotor/s</b>	The vehicle can be supplied with one or two traction motors. The installed motor/s shall meet the requirements from Rulebook UN ECE 85.00 or EC 2007/46.	
	Type of motor	asynchronous or synchronous	
	Nominal total power of traction motors	shall not be less than 120 kW	
	Possibility of recuperation of electrical energy	during braking	
	Emergency cooling	(air or water)	
	Operation in the conditions of outside temperature	from -20 to +50°C without any additional requests	
<b>3.2</b>	<b>System of control and managing of driveline</b>		
	Cooling	by means of cooler with coolant	
	Electrical components and the system with protection from electroshock in accordance with the Rulebook	ECE R100 or EC 2007/46	
	All the components and devices under high voltage shall be marked with the	warning label	

[seal]

BIDDER

\_\_\_\_\_

**FORM OF THE TECHNICAL DESCRIPTION OF THE OFFERED BUS**

**Form 6**  
**Page 4/25**

<b>REQUIREMENT ITEM</b>	<b>THE NAME OF THE TECHNICAL DESCRIPTION PART</b>	<b>REQUIRED BY THE TECHNICAL SPECIFICATION</b>	<b>DESCRIPTION OF WHAT IS OFFERED</b> in accordance with the requirement – <b>YES/NO</b> or stipulate a short description of what is offered
<b>3.3</b>	<b>System of electrical energy storage</b>	помоћу батерија или супер кондензатора (ultra capacitors-UC)	
	Capacity of batteries or ultra capacitors	minimum 20 kWh	
	Cooling	by means of cooler with coolant	
	Warranty for batteries or ultra capacitors	minimum 5 years in the conditions defined by item 1.3	
	Control of the degree of emptiness of batteries or ultra capacitors	on the dashboard	
	Batteries or ultra capacitors shall be made of materials and components	that can be recycled after the expiry of their lifetime	
	Protection from electroshock in accordance with the Rulebook	ECE R100 or EC 2007/46	

[seal]

BIDDER

**FORM OF THE TECHNICAL DESCRIPTION OF THE OFFERED BUS**

**Form 6  
Page 5/25**

<b>REQUIREMENT ITEM</b>	<b>THE NAME OF THE TECHNICAL DESCRIPTION PART</b>	<b>REQUIRED BY THE TECHNICAL SPECIFICATION</b>	<b>DESCRIPTION OF WHAT IS OFFERED</b> in accordance with the requirement – <b>YES/NO</b> or stipulate a short description of what is offered
<b>3.4</b>	<b>System of charging with electrical energy</b>	Installation for fast charging at the terminus shall be attached to public distribution network or catenary. Charging in the depot shall be done by "plug in" standard connector.	
	Requirements regarding the system of vehicle charging with electrical energy at the terminus: Input nominal voltage	3x380 V (AC) or 400-720 V (DC)	
	Suggested option of charging at the termini:	one (1) charger (AC) and one (1) charger (DC)	
	Power of charger	maximum 200 kW	
	Time of charging at the terminus	maximum 10 minutes	
	Height of the contact from the ground	maximum 4.8m	
	Warranty for the system of charging at the terminus	At least 5 years in the conditions defined by item 1.3	
	Protection from electroshock in accordance with the Rulebook	ECE R100 or EC 2007/46	
	Installation for fast charging is under voltage	only during charging when connected to the pantograph	

[seal] BIDDER

\_\_\_\_\_

<b>FORM OF THE TECHNICAL DESCRIPTION OF THE OFFERED BUS</b>	<b>Form 6 Page 6/25</b>
---	-----------------------------

REQUIREMENT ITEM	THE NAME OF THE TECHNICAL DESCRIPTION PART	REQUIRED BY THE TECHNICAL SPECIFICATION	DESCRIPTION OF WHAT IS OFFERED in accordance with the requirement – <b>YES/NO</b> or stipulate a short description of what is offered
	System of vehicle charging with electrical energy in the depot: Input nominal voltage	3x380 V (AC) or 400-720 V (DC)	
	Power of charger	30 - 60 kW	
	Warranty for the system of charging in the depot	minimum 5 years in the conditions defined by item 1.3	
	Protection from electroshock in accordance with the Rulebook	ECE R100 or EC 2007/46	
	Charging in the depot is done by	"plug in" standard connector	
<b>3.5</b>	<b>Pantograph</b>	Contact between vehicle and installation for charging at the terminus is realized by pantograph mounted on the vehicle roof or by mobile mechanism of charging installation which is "lowered" to the height of the vehicle where the contact is made with the pantograph fixed on the vehicle roof.	
	Working voltage	600 V (DC)	
	Automatic recognition of charging place	According to the technical specification	
	Monitoring of charging operation	via cameras and displays from the driver's seat	
	Protection from electroshock in accordance with the Rulebook	ECE R100 or EC 2007/46	
<b>3.6</b>	<b>Transmission</b>	Gear shifting for direct, neutral and reverse gear shall be done by 3 pushbuttons (D – N – R). The transmission shall allow the realization of maximum vehicle speed between 60 and 70 km/h. There shall be sound and light signal for reverse gear.	

[seal]	BIDDER
--------	--------

**FORM OF THE TECHNICAL DESCRIPTION OF THE OFFERED BUS**

**Form 6**  
**Page 7/25**

<b>REQUIREMENT ITEM</b>	<b>THE NAME OF THE TECHNICAL DESCRIPTION PART</b>	<b>REQUIRED BY THE TECHNICAL SPECIFICATION</b>	<b>DESCRIPTION OF WHAT IS OFFERED</b> in accordance with the requirement – <b>YES/NO</b> or stipulate a short description of what is offered
<b>4. Suspension</b>			
	Vehicle suspension	Air suspension of the vehicle is required	
<b>5. STEERING SYSTEM, WHEELS, AXLES</b>			
<b>5.1</b>	<b>Steering system</b>	The required steering system shall be of servo type.	
<b>5.2</b>	<b>Pneumatics</b>	which meet the requirements of Rulebook UN ECE 54 or 92/23/EC, "tubeless" radial of CITY-URBAN type	
	The size of pneumatics	275/70 R 22.5.	
	Warranty period for pneumatics at least:	60.000 km passed for drive axle wheels 80.000 km passed for steered axle wheels	
<b>5.3</b>	<b>Axles</b>	The required front axle is with dependant (rigid) or independent wheel drive system. Rear axle shall be rigid.	
	Period of oil replacement in differential ( if it is installed in the vehicle)	min. 120 000 KM	

[seal]

BIDDER

<b>FORM OF THE TECHNICAL DESCRIPTION OF THE OFFERED BUS</b>	<b>Form 6 Page 8/25</b>
---	-----------------------------

REQUIREMENT ITEM	THE NAME OF THE TECHNICAL DESCRIPTION PART	REQUIRED BY THE TECHNICAL SPECIFICATION	DESCRIPTION OF WHAT IS OFFERED in accordance with the requirement – <b>YES/NO</b> or stipulate a short description of what is offered
<b>6. BRAKES</b>			
	Braking system in the vehicle	Compliant with the Rulebook UN ECE 13 or 71/230/EC.	
<b>6.1</b>	<b>Braking system control</b>	Electronic braking system control (EBS)	
<b>7. LOWER FRAMEWORK AND BUS CARBODY</b>			
<b>7.1</b>	<b>Lower framework</b>	Anti-corrosion protection for vehicle lifetime of at least 12 years	
	Carbody	"heavy-duty" structure, made of square pipe profiles (minimum quality <b>ferritic 1.4003</b> )	
	Outer lining	shall be made of materials resistant to corrosion and atmospheric influences with foreseen lifetime of minimum 8 years	
	Vehicle paint	shall allow sticking and removal of advertising labels without damaging of the colour. The required warranty period for the paint shall be at least 6 years.	

[seal]	BIDDER
_____	

<b>FORM OF THE TECHNICAL DESCRIPTION OF THE OFFERED BUS</b>	<b>Form 6 Page 9/25</b>
---	-----------------------------

REQUIREMENT ITEM	THE NAME OF THE TECHNICAL DESCRIPTION PART	REQUIRED BY THE TECHNICAL SPECIFICATION	DESCRIPTION OF WHAT IS OFFERED in accordance with the requirement – <b>YES/NO</b> or stipulate a short description of what is offered
<b>7.2</b>	<b>Glassware</b>	According to the Rulebook UN ECE 43	
<b>7.2.1.</b>	<b>Side glasses</b>	The required <b>side glasses</b> are made of safety glass glued to the vehicle carbody. All side glasses and windows shall be shaded (sun protection).	
<b>7.2.2.</b>	<b>Windscreen glass</b>	a single-piece one, homologated according to the Rulebook UN ECE 43 or 92/22/EC	
<b>7.2.3.</b>	<b>Door glasses</b>	<b>Door glasses</b> shall be protected by handrails (from the inside) at the places where passengers stand, the glass of front doors' first wing shall be thermally insulated (thermal break).	
<b>7.3.</b>	<b>Doors</b>	The bus shall have at least two (2) doors on the right side for passenger entrance/ exit, double-winged with minimum width of 1200 mm, opened inwards. Electro-pneumatic doors are required.	
	Door operation control	Remote, over the driver's dashboard equipped with switches for separate control of each of the doors, one switch for opening-closing of all doors simultaneously and one switch for disengagement of the first door's right wing independently from the operation of other doors. The door openness shall be indicated by lights on switches for door opening-closing.	

[seal]	BIDDER
--------	--------

<b>FORM OF THE TECHNICAL DESCRIPTION OF THE OFFERED BUS</b>	<b>Form 6 Page 10/25</b>
---	------------------------------

<b>REQUIREMENT ITEM</b>	<b>THE NAME OF THE TECHNICAL DESCRIPTION PART</b>	<b>REQUIRED BY THE TECHNICAL SPECIFICATION</b>	<b>DESCRIPTION OF WHAT IS OFFERED</b> in accordance with the requirement – <b>YES/NO</b> or stipulate a short description of what is offered
	Lock	On the main (front) door an outward lock shall be mounted, while all other doors shall have inward locks.	
	Door lighting	additional LED lighting in the door zone, which shall completely illuminate entrance and exit steps	
<b>7.4.</b>	<b>Auxiliary platform for wheelchairs</b>	At the second door, an auxiliary platform (ramp) for entrance and exit of disabled people in wheelchairs shall be installed. The platform shall be manually operated, i.e. mechanic. The installed platform shall have carrying capacity of 300 kg.	
<b>7.5.</b>	<b>Air-conditioning device</b>	Required power of air-conditioning device in cooling regime is minimum 24 KW. Distribution of treated air shall be conducted through passenger saloon by means of special channels. Outer unit shall be equipped with replaceable filters for air intake. There shall be at least 1 opening (luffer) in the vehicle roof intended for vehicle ventilation, which is activated by means of electronic control on driver's dashboard.	
<b>7.6</b>	<b>Heating in the vehicle</b>	Vehicle heating system can be electrical or of "Webasto" is required, with the heaters of either radiator or calorifier type. The required power of heating system is minimum 30 kW. Special air temperature regulators shall be installed in the passenger area and driver's cab. For "Webasto" heating type, the volume of the tank for diesel fuel shall be at least 15 liters.	

[seal]	BIDDER  _____
--------	---------------------

<b>FORM OF THE TECHNICAL DESCRIPTION OF THE OFFERED BUS</b>	<b>Form 6 Page 11/25</b>
---	------------------------------

REQUIREMENT ITEM	THE NAME OF THE TECHNICAL DESCRIPTION PART	REQUIRED BY THE TECHNICAL SPECIFICATION	DESCRIPTION OF WHAT IS OFFERED in accordance with the requirement – <b>YES/NO</b> or stipulate a short description of what is offered
7.7	<b>Passenger information system</b>	All the devices in the vehicle shall meet the requirements from the Rulebook UN ECE 10 or 72/245/EEC with amendments 2009/19/EC.  Arrangement of LED indicators according to the technical specifications	
7.8	<b>Mirrors</b>	According to the Rulebook UN ECE 46 or 2003/97/EC. Rear view mirror holders need to have the possibility of manual adjustment.	

[seal]	BIDDER
_____	

<b>FORM OF THE TECHNICAL DESCRIPTION OF THE OFFERED BUS</b>	<b>Form 6 Page 12/25</b>
---	------------------------------

REQUIREMENT ITEM	THE NAME OF THE TECHNICAL DESCRIPTION PART	REQUIRED BY THE TECHNICAL SPECIFICATION	DESCRIPTION OF WHAT IS OFFERED in accordance with the requirement – <b>YES/NO</b> or stipulate a short description of what is offered
<b>8. INTERIOR DESIGN</b>			
<b>8.1.</b>	<b>Mobile video surveillance system</b>	Video surveillance cameras shall be placed in a way that they cover the entire vehicle interior (passenger saloon and driver’s cabin), space in front of the doors (viewed in the moving direction), exterior space in the zone of all entrance doors and the entire exterior space left from the driver and behind the vehicle, as well as space in the zone of pantograph and catenary during the vehicle charging. Cameras shall be of anti-vandal design, compliant with the standard EN 62262, category IK08, where the exterior cameras need to satisfy the level of protection minimum IP67 and the interior ones minimum IP65. Installed equipment shall allow operation in all weather conditions, 24 hours a day and the recorded material shall be clearly visible. The system enables recording of video content from IP cameras to digital video recorder (MNVR), which is foreseen for operation in the vehicle and possesses redundant system for storage of video material in the very device. The capacity of medium for data storage shall be designed in a way to keep the data from all cameras at least for 7 days, in the resolution of 3 Mpcs per each of the cameras. All connections in the video surveillance system shall be realized through M12 connector. All connections shall be placed inside the vehicle. MNVR shall be in compliance with the standard EN 50155 or ISO 16750 and shall have the possibility of remote access to all settings, remote control and transmission of live footage, as well as recorded material by means of 3G and Wi-Fi technology.	

[seal]	BIDDER
--------	--------

**FORM OF THE TECHNICAL DESCRIPTION OF THE OFFERED BUS**

**Form 6  
Page 13/25**

<b>REQUIREMENT ITEM</b>	<b>THE NAME OF THE TECHNICAL DESCRIPTION PART</b>	<b>REQUIRED BY THE TECHNICAL SPECIFICATION</b>	<b>DESCRIPTION OF WHAT IS OFFERED</b> in accordance with the requirement – <b>YES/NO</b> or stipulate a short description of what is offered						
<b>8.2</b>	<b>Interior equipment</b>	Horizontal handrails shall be mounted all along the bus. Handrail diameter shall not be less than 20 mm and larger than 45 mm. Each handrail surface shall be slip resistant. None of the handrails shall be less than 800 mm and more than 1900 mm far from the floor. Pushbutton for signalling the request for bus stopping (STOP) shall be placed next to each door.							
	Labels with names and symbols	In accordance with the Purchaser's requirements							
	Interior side covers	Simple opening							
	Colour of the vehicle interior	to be agreed with the Purchaser							
<b>8.3</b>	<b>Floor</b>	Floor shall be made of water-resistant non-skid material WBP or EN 314 class 3.							
	Floor non-skid lining	<p>THICKNESS shall be minimum 2 mm                      SPECIFIC weight shall be minimum 2000 g/m<sup>2</sup>                      FLAMMABILITY of floor lining shall meet the Rulebook UN ECE 118 or 95/28/EC                      SKIDNESS of floor lining shall comply with:</p> <table border="0" style="margin-left: 40px;"> <tr> <td>EN 13845</td> <td>Esf</td> </tr> <tr> <td>DIN 51130</td> <td>R10</td> </tr> <tr> <td>ISO 9352</td> <td></td> </tr> </table> <p>Floor lining shall be resistant to diluted acids and bases. Easy cleaning (dry and wet) needs to be provided. Joints between surfaces shall permanently prevent water penetration.</p>	EN 13845	Esf	DIN 51130	R10	ISO 9352		
EN 13845	Esf								
DIN 51130	R10								
ISO 9352									

М.П.

ПОНУЂАЧ

\_\_\_\_\_

<b>FORM OF THE TECHNICAL DESCRIPTION OF THE OFFERED BUS</b>	<b>Form 6 Page 14/25</b>
---	------------------------------

REQUIREMENT ITEM	THE NAME OF THE TECHNICAL DESCRIPTION PART	REQUIRED BY THE TECHNICAL SPECIFICATION	DESCRIPTION OF WHAT IS OFFERED in accordance with the requirement – <b>YES/NO</b> or stipulate a short description of what is offered
8.4	<b>Space for disabled passengers</b>	The vehicle shall be equipped with safe area near the second door for securing the wheelchairs of disabled persons. The wheelchairs shall be secured with belts installed in the vehicle. Belt connections shall be installed in accordance with the Rulebook UN ECE 14 or 2001/85/EC. The STOP pushbutton shall be installed in this area, so that driver is informed about the intention of people using wheelchairs to exit the vehicle.	
8.5	<b>Seats</b>	Installed seats shall be self-supporting, made of hard plastic without textile upholstery and anatomically shaped as separate seats.	
	Arrangement of seats	The bidder shall submit the drawing of complete arrangement of the seats, including the alternatives as options. The number of seats shall not be less than 26, out of which at least 2 are intended for mothers with children and elderly people.	
	Seat design	Seat backs shall have handrails. Minimal width of the seats shall be 440mm. The awarded bidder shall propose the colour to the Purchaser. Purchaser shall make the final decision on the colour of all seats in the vehicle.	
8.6	<b>System for ticketing and remote monitoring of vehicles</b>	According to the technical specification	
8.7	<b>System for automatic counting of passengers entrances and exits</b>	Detection sensors shall be installed in all doors and protected from outside influences in metal housing. All the connections in the system are realized over M12 connectors and all sensors shall satisfy at least IP65 protection level. For keeping and processing of data, it is necessary to foresee LAN connector accessible to an authorized technical person. System in the vehicle, as well as each of the devices shall be compatible with the system for automatic counting of passengers which is already used in Belgrade's public transport (recommended system for automatic counting of passengers is "IRIS").	

[seal]	BIDDER
--------	--------

**FORM OF THE TECHNICAL DESCRIPTION OF THE OFFERED BUS**

**Form 6  
Page 15/25**

<b>REQUIREMENT ITEM</b>	<b>THE NAME OF THE TECHNICAL DESCRIPTION PART</b>	<b>REQUIRED BY THE TECHNICAL SPECIFICATION</b>	<b>DESCRIPTION OF WHAT IS OFFERED</b> in accordance with the requirement – <b>YES/NO</b> or stipulate a short description of what is offered
<b>8.8</b>	<b>Wireless internet system (Wi-Fi)</b>	The vehicle shall be equipped with closed isolated place for installation of Wi-Fi/3G router, as well as for the power supply of 12V for connection, all according to the Purchaser’s instructions. Minimum required characteristic of <b>Wi-Fi</b> is: 3G router D-Link DWR-512.	
<b>8.9</b>	<b>Other equipment in the vehicle</b>	<ul style="list-style-type: none"> <li>• Minimum 5 hammers for window breakage in case of emergency, placed in the driver’s cabin and the passenger saloon,</li> <li>• Four wedge-shaped supports,</li> <li>• Two fire extinguishers type S-6 with CO<sub>2</sub> bottles inside them. Both of them shall be placed in the front part of the vehicle and easily accessible to the driver.</li> </ul> <p>In the driver’s cabin, it is necessary to provide a separate space with the possibility of locking, for storage of the following equipment:</p> <ul style="list-style-type: none"> <li>• Two first-aid kits, compliant with SRPS Z.B2.001,</li> <li>• One reflective warning triangle,</li> <li>• One reflective vest.</li> </ul>	

[seal] BIDDER

\_\_\_\_\_

**FORM OF THE TECHNICAL DESCRIPTION OF THE OFFERED BUS**

**Form 6**  
**Page 16/25**

<b>REQUIREMENT ITEM</b>	<b>THE NAME OF THE TECHNICAL DESCRIPTION PART</b>	<b>REQUIRED BY THE TECHNICAL SPECIFICATION</b>	<b>DESCRIPTION OF WHAT IS OFFERED</b> in accordance with the requirement – <b>YES/NO</b> or stipulate a short description of what is offered
<b>9. DRIVER'S WORKPLACE</b>			
<b>9.1</b>	<b>Driver's seat</b>	Driver's seat shall have the possibility of adjustment forward, backward and vertically. There shall not be any levers, handles for adjustment etc. sticking out of the seat. Seats shall be equipped with pneumatic control system and shall be adjustable to the driver's weight.	
<b>9.2</b>	<b>Driver's cabin</b>	Driver's cab shall be designed as a partially open one. According to the technical documentation	
	Driver's cabin colour	Tio be agreed with the Purchaser	
<b>9.3</b>	<b>Tachograph</b>	Vehicle shall be equipped with digital tachograph, according to the valid Law of traffic safety of the Republic of Serbia.  Vehicles shall be delivered with calibrated tachograph. In case of any intervention on the vehicle within the warranty period, which requires calibration of techograph, its expenses shall be covered by the awarded bidder.	
<b>9.4</b>	<b>Dashboard</b>	Dashboard shall have digital "ON BOARD" display.	

[seal]	BIDDER
--------	--------

**FORM OF THE TECHNICAL DESCRIPTION OF THE OFFERED BUS**

**Form 6  
Page 17/25**

<b>REQUIREMENT ITEM</b>	<b>THE NAME OF THE TECHNICAL DESCRIPTION PART</b>	<b>REQUIRED BY THE TECHNICAL SPECIFICATION</b>	<b>DESCRIPTION OF WHAT IS OFFERED</b> in accordance with the requirement – <b>YES/NO</b> or stipulate a short description of what is offered
	Indicators on the dashboard	vehicle speed indicator engine rpm indicator ultra capacitor fullness indicator engine, control unit and ultra capacitor temperature indicator air pressure circuits by braking circuits indicators for all light devices openness indicators for all doors EBS/ABS indicators parking brake indicator station brake indicator high-beam headlights  On the instrument panel there shall be a red-coloured warning sign "STOP", which is lit up together with at least one of the following indicators:  insufficient pressure in the braking system Insufficient oil level in the servo steering system too high coolant temperature insufficient level of coolant in the system disturbance in control unit operation	
	Warning sound signals	To be activated simultaneously with the light signals	

[seal] \_\_\_\_\_ BIDDER

<b>FORM OF THE TECHNICAL DESCRIPTION OF THE OFFERED BUS</b>	<b>Form 6</b> <b>Page 18/25</b>
---	------------------------------------

REQUIREMENT ITEM	THE NAME OF THE TECHNICAL DESCRIPTION PART	REQUIRED BY THE TECHNICAL SPECIFICATION	DESCRIPTION OF WHAT IS OFFERED in accordance with the requirement – <b>YES/NO</b> or stipulate a short description of what is offered
9.5	<b>System for monitoring of vehicle functions</b>	<p>Vehicle shall be equipped with an independent computer system for continual monitoring of electronic control units and error detecting.</p> <p>The data of these functions shall be shown on "ON BOARD" display, which is the component part of driver's dashboard.</p>	
9.6	<b>Protection from sun</b>	Adjustable protection from the sunlight is required on the left half of windscreen glass and on the driver's window on the left side. The adjustable visors shall not limit the driver's field of view.	

**10. COMPRESSED AIR SYSTEM**

	Air preparation	Implementation of pneumatic system which guarantees the protection from freezing up to - 25°C is required.	
	Compressor	Compressor capacity is designed for a large number of opening-closing of doors and frequent braking.	
	Air tanks	Air tanks shall be made of stainless material and shall be marked (permanently and clearly), e.g. braking circuit 1, braking circuit 2, etc.	
	Air ducts	Air ducts shall be installed in a way that would prevent the occurrence of friction, mutual or with other elements of the vehicle. Sufficient distance from the components giving off heat needs to be secured.	
	Test connectors	Test connectors shall be provided for all the components of pneumatic system and located at the same place.	

[seal]	BIDDER
--------	--------

**FORM OF THE TECHNICAL DESCRIPTION OF THE OFFERED BUS**

**Form 6  
Page 19/25**

REQUIREMENT ITEM	THE NAME OF THE TECHNICAL DESCRIPTION PART	REQUIRED BY THE TECHNICAL SPECIFICATION	DESCRIPTION OF WHAT IS OFFERED in accordance with the requirement – <b>YES/NO</b> or stipulate a short description of what is offered
<b>11. FIRE PROTECTION</b>			
		<p>All materials installed shall be self-extinguishing and compliant with the Rulebook UN ECE 118 or 95/28/EC.</p> <p>Vehicle shall have the device for automatic fire alarm. The system of automatic fire extinguishing is required.</p>	
<b>12. ELECTRICAL EQUIPMENT</b>			
12.1.	Light signalling	<p>Installed light devices shall meet the requirements of the Rulebook UN ECE 48 or 76/756/EC.</p> <p>Daily lights and rear lights of the vehicle shall be of LED-diode type.</p> <p>All the signaling on the instrument panel shall be compliant with the Law on Traffic Safety of the Republic of Serbia.</p>	
12.2.	Windscreen glass wipers	Electric drive windscreen wiper mechanism is required, with minimum two speeds and intermittent wiping.	
12.3.	Lights in passenger saloon	Interior lighting shall be mounted longitudinally all along the bus, of LED-diode type.	
12.4	Speedometres	The speedometers required shall be in compliance with the Rulebook UN ECE 39 or 76/443/EC.	
12.5	Cable installations	All cables shall be marked with numbers. All circuit breakers installed shall be automatic.	

[seal] BIDDER

\_\_\_\_\_

<b>FORM OF THE TECHNICAL DESCRIPTION OF THE OFFERED BUS</b>	<b>Form 6 Page 20/25</b>
---	------------------------------

REQUIREMENT ITEM	THE NAME OF THE TECHNICAL DESCRIPTION PART	REQUIRED BY THE TECHNICAL SPECIFICATION	DESCRIPTION OF WHAT IS OFFERED in accordance with the requirement – <b>YES/NO</b> or stipulate a short description of what is offered
<b>13. DELIVERY TERMS</b>			
	Inspections	During the phase of production of E-buses, the inspection team of the Purchaser shall conduct two inspections of vehicles in production. The expenses of these inspections shall be covered by the awarded bidder. Purchaser's expert team shall consist of not more than 3 representatives. One inspection shall last for not more than five working days.	
<b>14. BUS WARRANTY</b>			
		<p>The total warranty period for the entire bus shall be minimum 24 months of 200,000 km passed ("what comes first"). The warranty period starts from the moment of vehicle registration, i.e. its inclusion into regular service.</p> <p>Warranty period for carbody, chassis and floor assembly, including the floor (without floor lining) shall be at least 12 years for the sufficient protection from corrosion with no need for corrective measures (bus lifetime). After the expiry of 2-year or 200,000 km passed warranty for the entire vehicle, the supplier's authorised service at the territory of Belgrade shall conduct the inspection of carbody, chassis and floor assembly at least once a year, checking the status of each vehicle. If corrosion appears it would be treated under the warranty terms.</p> <p>Warranty period for batteries or ultra capacitors shall be minimum 5 years.</p> <p>Warranty period for chargers at termini shall be minimum 5 years.</p> <p>Warranty period for charger in the depot shall be minimum 5 years.</p> <p>Warranty period for paint (Purchaser accepts at least 6 years)</p>	

[seal]	BIDDER
--------	--------

**FORM OF THE TECHNICAL DESCRIPTION OF THE OFFERED BUS**

**Form 6  
Page 21/25**

<b>REQUIREMENT ITEM</b>	<b>THE NAME OF THE TECHNICAL DESCRIPTION PART</b>	<b>REQUIRED BY THE TECHNICAL SPECIFICATION</b>	<b>DESCRIPTION OF WHAT IS OFFERED</b> in accordance with the requirement – <b>YES/NO</b> or stipulate a short description of what is offered
<b>14.1.</b>	<b>Vehicle servicing within the warranty period</b>	<p>During the warranty period, the supplier is obliged to start with intervention at the Purchaser's location within 48h from the receipt of Purchaser's notice by e-mail or fax at the latest. During the warranty period, the parts shall be delivered at Purchaser's request within 7 working days at the latest. In case of occurrence of certain special or unexpected circumstances, the deadline for defect repair can be longer than foreseen, with the Purchaser's consent.</p> <p>For parts, components and assemblies replaced within the warranty, the warranty conditions shall be applied from the date of their replacement and up to the expiry of the total warranty for vehicle.</p> <p>The Purchaser conducts servicing of delivered vehicles according to the supplier's Plan of maintenance within the warranty period in the purchaser's service workshop. The supplier is obliged to provide the staff training, spare parts at Purchaser's demand and advisory assistance by means of mobile or land telephone line.</p>	
<b>14.2.</b>	<b>Delivery of spare parts after the expiry of warranty period</b>	Supplier guarantees the availability of components and spare parts necessary for bus operation during the period of minimum 12 years upon the delivery of buses.	
<b>14.3</b>	<b>Charging for time spent out of service and transfers during the warranty period</b>	<p>The time spent out of service due to technical defects during the warranty period, after Supplier's response (within 48 hours at the latest) and the following 7 working days, if the vehicle is out of service, it shall be charged:</p> <ul style="list-style-type: none"> <li>• 150 EUR net daily per vehicle.</li> </ul>	

[seal] BIDDER

\_\_\_\_\_

**FORM OF THE TECHNICAL DESCRIPTION OF THE OFFERED BUS**

**Form 6  
Page 22/25**

<b>REQUIREMENT ITEM</b>	<b>THE NAME OF THE TECHNICAL DESCRIPTION PART</b>	<b>REQUIRED BY THE TECHNICAL SPECIFICATION</b>	<b>DESCRIPTION OF WHAT IS OFFERED</b> in accordance with the requirement – <b>YES/NO</b> or stipulate a short description of what is offered
<b>15. TRAINING FOR DRIVING AND USAGE OF THE VEHICLE, DOCUMENTS ON VEHICLE HANDLING AND MAINTENANCE AND DIAGNOSTIC DEVICES</b>			
<b>15.1</b>	<b>Training for vehicle driving</b>	<p>The awarded bidder shall organize and conduct at his own expense the training of drivers' instructors and other professional persons prior to the vehicle registration, i.e. their release into service.</p> <p>The training shall be carried out at the location of GSP "Beograd".</p>	
	Theoretical introduction of the vehicle to the drivers' instructors	<p>Minimum topics of this training shall be:</p> <p>Topic: Familiarization with all the elements of dashboard</p> <p>Topic: Familiarization with all the vehicle controls</p> <p>Topic: Familiarization with all the systems in vehicle</p> <p>Topic: Familiarization with all the warning signals</p> <p>Topic: Familiarization with all the safety systems and actions in vehicle</p> <p>Topic: Familiarization with the safety measures</p> <p>Topic: Tachograph – handling, elements of correct tachograph exploitation</p> <p>Topic: Familiarization with the preparation of vehicle for traction and the realization of traction</p>	
	Practical introduction of the vehicle to the drivers' instructors	<p>Topic: Practical familiarization with the vehicle starting</p> <p>Topic: Practical familiarization with all the vehicle controls</p> <p>Topic: Practical familiarization with all the systems in the vehicle</p> <p>Topic: Practical familiarization with wheelchairs and prams boarding and exiting.</p> <p>Topic: Practical familiarization with all the warning signals</p> <p>Topic: Practical familiarization with all the safety systems and actions in the vehicle</p> <p>Topic: Practical familiarization with station brake operation</p> <p>Topic: Tachograph handling, control periods, error elimination</p> <p>Topic: Handling of pantograph and the charging system, safety measures</p> <p>Topic: Practical familiarization with the preparation of vehicle for traction and the realization of traction</p>	

[seal]	BIDDER
_____	

<b>FORM OF THE TECHNICAL DESCRIPTION OF THE OFFERED BUS</b>	<b>Form 6</b> <b>Page 23/25</b>
---	------------------------------------

<b>REQUIREMENT ITEM</b>	<b>THE NAME OF THE TECHNICAL DESCRIPTION PART</b>	<b>REQUIRED BY THE TECHNICAL SPECIFICATION</b>	<b>DESCRIPTION OF WHAT IS OFFERED</b> in accordance with the requirement – <b>YES/NO</b> or stipulate a short description of what is offered
<b>15.2.</b>	<b>Training of Purchaser’s staff for servicing and repair of vehicles</b>	All trainings shall be completed at least 15 days prior to the release of the vehicles in service. After the training, the staff shall be capable of performing the works by themselves within the warranty period, as well as maintenance after the expiration of the warranty period. Bidders shall submit in his bid the plan of detailed training program.	
<b>15.2.1</b>	<b>Training for vehicle servicing</b>	The training shall be completed at least 15 days prior to the release of the vehicles in service. Bidders shall submit in his bid the plan of detailed training program.	
<b>15.2.2</b>	<b>Training for maintenance of traction engines</b>	The training shall be completed at least 15 days prior to the release of the vehicles in service. Bidders shall submit in his bid the plan of detailed training program.	
<b>15.2.3</b>	<b>Training for usage and maintenance of the system of control and driveline managing</b>	The training shall be completed at least 15 days prior to the release of the vehicles in service. Bidders shall submit in his bid the plan of detailed training program.	
<b>15.2.4</b>	<b>Training for usage and maintenance of chargers for fast and slow charging of E-bus with electrical energy</b>	The training shall be completed at least 15 days prior to the release of the vehicles in service. Bidders shall submit in his bid the plan of detailed training program.	
<b>15.2.5</b>	<b>Training for usage and maintenance of batteries or ultra capacitors</b>	The training shall be completed at least 15 days prior to the release of the vehicles in service. Bidders shall submit in his bid the plan of detailed training program.	
<b>15.2.6</b>	<b>Training for usage and maintenance of pantographs</b>	The training shall be completed at least 15 days prior to the release of the vehicles in service. Bidders shall submit in his bid the plan of detailed training program.	

<b>15.2.7</b>	<b>Safety measures</b>	The training shall be completed at least 15 days prior to the release of the vehicles in service. Bidders shall submit in his bid the plan of detailed training program.	
<b>15.2.8</b>	<b>Training for servicing of gearboxes and axles</b>	The training shall be completed at least 15 days prior to the release of the vehicles in service. Bidders shall submit in his bid the plan of detailed training program.	

[seal] \_\_\_\_\_ BIDDER

<b>FORM OF THE TECHNICAL DESCRIPTION OF THE OFFERED BUS</b>	<b>Form 6 Page 24/25</b>
---	------------------------------

<b>REQUIREMENT ITEM</b>	<b>THE NAME OF THE TECHNICAL DESCRIPTION PART</b>	<b>REQUIRED BY THE TECHNICAL SPECIFICATION</b>	<b>DESCRIPTION OF WHAT IS OFFERED</b> in accordance with the requirement – <b>YES/NO</b> or stipulate a short description of what is offered
<b>15.2.9</b>	<b>Training for air-conditioning devices and the heating system</b>	The training shall be completed at least 15 days prior to the release of the vehicles in service. Bidders shall submit in his bid the plan of detailed training program.	
<b>15.2.10</b>	<b>Training for servicing of EBS/ABS system</b>	The training shall be completed at least 15 days prior to the release of the vehicles in service. Bidders shall submit in his bid the plan of detailed training program.	
<b>15.2.11</b>	<b>Training for handling and maintenance of video surveillance system</b>	The training shall be completed at least 15 days prior to the release of the vehicles in service. Bidders shall submit in his bid the plan of detailed training program.	
<b>15.2.12</b>	<b>Training for handling and maintenance of the system for automatic counting of passengers entrances and exits</b>	The training shall be completed at least 15 days prior to the release of the vehicles in service. Bidders shall submit in his bid the plan of detailed training program.	
<b>15.3.</b>	<b>Training for warranty requirements and operational resources of assemblies in the vehicle</b>	Purchaser shall assign professional staff that the Supplier is obliged to train for the preparation of warranty reports. Within the scope of the training, Supplier shall deliver to all training attendees the necessary literature for the foreseen works.	
<b>15.4.</b>	<b>Documents on vehicle handling and maintenance</b>	The documents shall be delivered free of charge in printing and on CD-ROM, 15 days prior to the delivery of buses, at the latest.	

		Updating of these documents shall be provided during the period of 12 years. Technical documentation to be delivered according to the specification.	
<b>15.5.</b>	<b>Diagnostic devices</b>	According to the technical specification	
<b>15.5.1.</b>	<b>Diagnostic device for monitoring of parameters of maintenance and exploitation of vehicles</b>	According to the technical specification	

[seal] BIDDER

---

<b>FORM OF THE TECHNICAL DESCRIPTION OF THE OFFERED BUS</b>	<b>Form 6 Page 25/25</b>
---	------------------------------

<b>REQUIREMENT ITEM</b>	<b>THE NAME OF THE TECHNICAL DESCRIPTION PART</b>	<b>REQUIRED BY THE TECHNICAL SPECIFICATION</b>	<b>DESCRIPTION OF WHAT IS OFFERED</b> in accordance with the requirement – <b>YES/NO</b> or stipulate a short description of what is offered
<b>15.5.2</b>	<b>Diagnostic device for video surveillance system</b>	- According to the technical specification - Licenced software of MNVR producer for transfer and processing of video material which shall stay in permanent possession of PUC GSP, with no need for licence renewal (3 pieces).	
<b>15.5.3</b>	<b>Diagnostic device for the system of automatic counting of passengers entrances and exits</b>	- Accompanying interface and cables necessary for reading and migration of data from the system to the lap top delivered with the video surveillance system (1 piece) - Licenced software the system producer for transfer and processing of data which shall stay in permanent possession of PUC GSP, with no need for licence renewal (3 pieces).	
<b>15.5.4</b>	<b>Software and interface for reading the data from digital tachograph</b>	Supplier is obliged to deliver the licenced Software and interface for reading and proces of the data obtained from digital tachograph installed in the vehicle which is the subject of procurement.	

[seal] BIDDER

---

--

**DECLARATION OF THE BIDDER ABOUT THE COMPLIANCE WITH THE OBLIGATIONS FROM THE VALID REGULATIONS ON THE PROTECTION AT WORK, EMPLOYMENT AND WORKING CONDITIONS, ENVIRONMENTAL PROTECTION AND THE DECLARATION THAT THERE IS NO BAN ON HIS PERFORMANCE OF ACTIVITY WHICH IS VALID AT THE TIME OF THE SUBMISSION OF BIDS**

**FORM 7**

## **DECLARATION**

### **We declare under perjury:**

- That we complied with the obligations derived from the valid regulations on the protection at work, employment and working conditions, environmental protection when making the bid.
  
- That we do not have ban on performance of activity valid at the time of the submission of bids

[seal]

BIDDER

---

**Note:** *If the Bidder is submitted by the Group of Bidders, the Declaration shall be signed by the authorized person of each of the Bidders and verified by seal (each of the Bidders submits separate declaration).*

**FORM OF THE REFERENCE LIST**

**FORM 8 (1/2)**

**FORM OF THE REFERENCE LIST CONFIRMING THAT THE BIDDER EXECUTED THE DELIVERY/HANOVER FOR USAGE OF THE OFFERED BUS TYPE AND THE TECHNOLOGY OF CHARGING AND ELECTRICAL ENERGY STORAGE TO ONE OR MORE END USERS/PURCHASERS IN THE PERIOD OF 5 YEARS PRIOR TO PUBLISHING OF PUBLIC INVITATION.**

No.	Name of end user/purchaser: name and surname of contact person, contact telephone number	Brand and type of delivered vehicle	Number of delivered buses	Date and year of delivery	Name of contact person and telephone number of the purchaser; e-mail address	Date of conclusion and the number of concluded contract (agreement on sale, agreement on lease, agreement for the transfer of usage, agreement on present or any other legal type of usage):	Date and number of invoice (to be filled in only in case of issued invoice by legal basis)
1							
2							
3							
4							
5							

I declare under perjury that the above stipulated data are true, as well as that for the above stipulated delivered/handover vehicle with the technology of charging and electrical energy storage we did not have any unsettled complaints referring to the quality or operation in the period of at least one year of usage in regular service.

[seal] \_\_\_\_\_ BIDDER

**The following shall be submitted along with form 8:**

**Enclosed to the reference list, the bidder shall submit one or more Declarations issued on the memo, verified and signed by the authorized persons of End user/Purchaser.**

**Declaration of End user/ Purchaser** shall be given under perjury, confirming that, in the period of 5 years preceding the day of publishing of invitation for the submission of bids on the Public Procurement portal, he purchased/handover for usage from the bidder at least one unit of the offered bus type with the technology of charging and electrical energy storage (vehicle type stipulated in the Declaration must be identical to the vehicle type offered in the bid form) and that to the delivered/handed over goods there were no unsettled complaints referring to the quality or operation in the period of at least one year of usage in regular service. Along with the Statement, the End user/Purchaser shall submit copies of concluded contracts/other legal basis for usage (agreement on sale, agreement on lease, agreement for the transfer of usage, agreement on present or any other legal type of usage) and invoices.

**Submitted Declaration shall contain the following data:**

- name and head office of seller/giver for usage/lessor/donor...
- name and head office of bus manufacturer

- brand and type of delivered bus
- number of delivered buses
- takeover date between supplier/giver for usage/lessor/donor... and purchaser/user
- first and last name of contact person, phone number of purchaser/user, contact email
- date of agreement conclusion and number of the agreement
- date and number of invoice (in case issuing invoice according to the legal act of usage)

**Model of the End User/Purchaser Statement attached to reference list.**

**FORM OF THE REFERENCE LIST**

**FORM 8 (2/2)**

### MODEL OF DECLARATION OF END USER/PURCHASER

name of End user/Purchaser: \_\_\_\_\_

Address: \_\_\_\_\_

Contact phone: \_\_\_\_\_

#### DECLARATION

We declare under perjury that, in the period of 5 years preceding the day of invitation for the submission of bids, we purchased/handed over from the bidder the offered vehicle type, with the technology of charging and electrical energy storage, precisely:

No.	Name and head office of the Supplier/giver for usage/lessor/donor...	Name and head office of bus manufacturer	Brand and type of the delivered bus	Number of delivered buses	Date of takeover between supplier/giver for usage/lessor/donor... and purchaser/user	Name and surname of contact person and telephone number; e-mail address for contact of purchaser/user	Date of conclusion and number of the concluded contract (agreement on sale, agreement on lease, agreement for the transfer of usage, agreement on present or any other legal type of usage)	Date and number of invoice (to be filled in only in case of issued invoice by legal basis)
1								
2								
3								
4								
5								

I declare under perjury that the above stipulated data are true, as well as that for the above stipulated delivered/handed over vehicle with the technology of charging and electrical energy storage we did not have any unsettled complaints referring to the quality or operation in the period of at least one year of usage in regular service.

Date:

Full name, surname and position of authorized person

**Purchaser's seal**

**NOTE:**

**The bidder shall submit the declaration on his memo.**

**The submitted declaration shall correspond in its contents to the given example (model). Confirmation shall be signed by authorized persons with stipulated full name, surname and position.**

**Along with the declaration, the End user/Purchaser shall submit copies of concluded contracts/other legal basis for usage and invoices – to be filled in case of issued by legal basis (stipulated in the Statement).**

**MODEL OF CONTRACT**

**FORM 9**

## CONTRACT

Concluded by and between:

1. \_\_\_\_\_, (the name and the head office of the Contractor), \_\_\_\_\_ (name and surname of Managing Director/Director), (hereinafter: the Contractor), (the Contractor participates with Subcontractor \_\_\_\_\_ (the name and the head office of the Subcontractor) on one hand

..... (name of the Bidder from the Group of Bidders)  
..... (name of the Bidder from the Group of Bidders)  
..... (name of the Bidder from the Group of Bidders)

and

2. **Public Utility Company City Public Transport Company "Beograd"**, Belgrade, 29 Kneginje Ljubice Street, represented by the Director of the Company **Željko Milković, M.Sc.M.E.** (hereinafter: the Purchaser ), on the other hand.

**THE CONTRACT SUBJECT: Procurement of goods: PROCUREMENT OF 5 NEW LOW FLOOR SOLO BUSES WITH ELECTRIC DRIVE WITH EQUIPMENT FOR CHARGING in all according to the Purchaser's requirement from Tender Documents No. VND-...../15 from .....2015 and the adopted bid of the Contractor filed with the Purchaser under number XIV-302/\_\_\_ од \_\_\_/\_\_\_/2015.**

### Article 1

Subject of this contract is procurement of delivery of 5 new low floor buses with electric drive with charging equipment, diagnostic devices, workshop equipment, spare parts, components, tools and the equipment necessary for regular vehicle maintenance, chargers for fast charging at terminus, charger for slow charging in the depot, documentation on vehicle handling and maintenance, training of Purchaser's staff.

After conducted procedure for awarding of contract on public procurement, the contracting parties consensually establish the terms and conditions by which the Contractor undertakes to deliver and the purchaser to take over and pay the goods which is the subject of this Contract, at the price stipulated in the adopted Bid of the Contractor filed with the Purchaser under number XIV-320\_\_\_/\_\_\_ from \_\_\_/\_\_\_/2015, in all according to the technical specification, which is a containing part of Tender Documents of the Purchaser no. VND-302/15 from \_\_\_/\_\_\_/2015 and to this Contract.

The Bid of the Contractor and the Tender Documentation are the containing part of this Contract.

### Article 2

The Contractor shall execute the delivery of vehicles which are the subject of this Contract (in their type and quantity) within:

- \_\_\_\_\_ months counted from the day of contract signing (if the bidder does not require the advance payment on his bid) / \_\_\_\_\_ months counted from the day of advance payment made by the Purchaser after submission of performance bond and advance payment guarantee (if the bidder requires advance payment in his bid).

The Contractor is obliged to deliver 2 chargers for fast charging at termini and 1 charger for slow charging in the depot within \_\_\_\_\_ days prior to the delivery of buses at the latest.

The Contractor is obliged to install and put into operation 2 chargers for fast charging at termini and 1 charger for slow charging in the depot the latest by delivery of vehicles, i.e. not more than \_\_\_\_\_ days from installing connectors.

The Contractor is obliged to deliver the diagnostic devices and workshop equipment by \_\_\_\_\_ at the latest.

The Contractor is obliged to deliver the spare parts, components, tools and equipment necessary for regular vehicle maintenance from the Purchaser's suggestive by \_\_\_\_\_ at the latest.

The Contractor is obliged to deliver the documentation on vehicle handling and maintenance in accordance with the technical description \_\_\_\_\_ days prior to the releasing of vehicles into regular service at the latest, in electronic and printed form and he is obliged to update the same in the period of minimum 12 years from the day of its delivery.

The place of the delivery is at the address of the Purchaser: the Republic of Serbia, PUC GSP "Beograd", Bulevar Crvene armije 2, Belgrade.

Expenses of material goods, accompanying services and other costs of the bidder which refer to the releasing the vehicles into service, transport costs and custom costs, shall be calculated in the total bid value (parity Purchaser's location).

The bidder shall cover all the expenses related to the delivery of the contracted goods at the place of delivery. The vehicle shall be delivered with calibrated digital tachographs. In case of any interventions on the vehicle during the warranty period resulting in need for tachograph calibration, the cost shall also be covered by the Contractor.

Takeover of vehicles, accompanying equipment, documentation and completion of trainings, which are the subject of this contract shall be considered executed as soon as the Purchaser and the Contractor sign:

Record on the takeover of the goods (for each vehicle separately);

Record on takeover of accompanying equipment (diagnostic devices, workshop equipment, spare parts, components, tools and equipment – necessary for regular vehicle maintenance, as well as for overhaul and repair of aggregates, assemblies and devices in the vehicle );

Record on takeover of technical documentation;

Record on training conducted;

Record on takeover of Internal authorization for preventive maintenance of buses;

Record of performed installation and commissioning of chargers.

### **Article 3**

The Contractor is obliged to conduct the training of Purchaser's staff, at the location of GSP "Beograd", in accordance with the submitted Plan of Training, which is a containing apart of this Contract.

The Contractor shall complete the training of Purchaser's staff for vehicle driving \_\_\_\_\_ days prior to the release of the vehicles into regular service at the latest.

The Contractor shall complete the training of Purchaser's staff for servicing and repair of vehicles \_\_\_\_\_ days prior to the release of the vehicles into regular service at the latest.

The Contractor shall complete the training of Purchaser's staff for warranty requirements and operational resources of assemblies in the vehicle \_\_\_\_\_ days prior to the release of the vehicles into regular service at the latest.

Purchaser shall assign professional staff that the Supplier is obliged to train for the preparation of warranty reports.

Within the scope of the training, the Contractor shall deliver to all training attendees the necessary literature for the foreseen works/trainings, in electronic form.

After the completion of trainings, representatives of both contracting parties shall make the Record on the completed training, which shall exhaustively stipulate the data about all executed trainings, deadlines and method in which they were executed and which must be in accordance with the submitted training plan.

The Contractor and the Purchaser shall conclude the Contract on vehicle servicing within the warranty period, which shall accurately define their mutual rights and obligations.

**Article 4.**

The Contractor agrees that, in the phase of production of the contracted goods, the Purchaser can carry out inspections, in the following way::

- In the phase of production of e-buses, the Purchaser’s inspection team shall conduct two inspections of vehicles in production. The expenses of these inspections shall be covered by the awarded bidder and they are calculated into the contracted price. Purchaser’s expert team shall consist of not more than 3 representatives. One inspection shall last for not more than five working days.
- In any of the phases of bus production, if GSP requires the check of offered characteristics and quality of spare parts, components and materials, the awarded bidder is obliged to submit the requested documents 7 days upon the receipt of written request at the latest.
- All needed test and functional trials shall before the delivery shall be conducted in the manufacturer’s factory, in the presence of authorized representatives of the Purchaser.

**Article 5.**

The Contractor is obliged to execute the delivery which is the subject of this contract within the contracted period in accordance with the adopted bid of the Contractor filed with the Purchaser filed under number XIV-\_\_\_/\_\_\_ from \_\_\_/\_\_\_/2015.

1	<b>UNIT PRICE OF NEW LOW FLOOR SOLO BUS WITH ELECTRICAL DRIVE, VAT EXCLUDED</b>	_____
		(insert price and currency)
	<b>TOTAL VALUE OF 5 NEW LOW FLOOR SOLO BUS WITH ELECTRICAL DRIVE, VAT EXCLUDED</b>	_____
		(insert price and currency)
2	<b>TOTAL VALUE OF CHARGERS FOR FAST AND SLOW CHARGING (with accompanying expenses of preparation works, installation and their commissioning), DIAGNOSTIC EQUIPMENT AND WORKSHOP EQUIPMENT, AS WELL AS FOR SPARE PARTS, COMPONENTS, TOOLS, EQUIPMENT FROM THE SUGGESTIVE LIST OF PURCHASER AND ADDITIONAL SPARE PARTS, COMPONENTS, TOOLS, EQUIPMENT AND SPECIAL TOOLS ACCORDING TO THE BIDDER’S ASSESSMENT (necessary for regular maintenance of vehicles and for overhaul and repairs of aggregates, assemblies and devices in the vehicle), VAT excluded</b>	_____
		(insert price and currency)
3	<b>OTHER EXPENSES (CUSTOMS, TRANSPORT, TRAINING OF PURCHASER’S STAFF, COSTS OF REGULAR SERVICE AND CONSUMABLES) and all other dependable expenses which charge the execution of the subject procurement), VAT EXCLUDED</b>	_____
		(insert price and currency)
<b>TOTAL BID VALUE, VATA EXCLUDED (sum of total values 1 – 3)</b>		_____
		<b>(insert price and currency)</b>

<b>MANUFACTURER OF OFFERED BUS</b>	
<b>BRAND OF OFFERED BUS</b>	
<b>TYPE OF OFFERED BUS</b>	
<b>LABEL OF OFFERED BUS</b>	

The total value of the Contract, without VAT, is \_\_\_\_\_ dinars, (in letters: \_\_\_\_\_), while with VAT included it is \_\_\_\_\_ dinars (in letters: \_\_\_\_\_).

The Contractor shall deliver the good in parity of Purchaser's location, with calculate all dependable expenses which charge the execution of the contract (price of vehicles, equipment, spare parts, components, tools, equipment, training of Purchaser's staff, preparation works, installation and commissioning of chargers, costs of regular service and materials for it, dependable costs which charge the execution of subject procurement – customs, transport, accompanying services... and all other dependable costs related to the realization of the contract obligations).

If it turns out during the operation that certain special tools are necessary for **regular maintenance** and are not included in the suggestive list which is a part of the contract, the Contractor is obliged to deliver the missing tools, at his own expense, within 14 calendar days upon the receipt of Purchaser's written request.

All the expenses shall be covered by the bidder.

#### **Article 6**

The contracted price shall be fixed throughout the entire validity period of the Contract.

#### **Article 7**

As **a guarantee for good performance**, the Contractor is binding to submit to the Purchaser **within 10 days from the day of the conclusion of the Contract** the following: performance bond, unconditional and payable on first demand, equal to 10% of the total value of the bid, without VAT and with the validity period 10 days longer than the contract validity period.

Good performance means execution of all the contracted obligations in a way and within the deadlines as per the Contract.

The Purchaser is entitled to activate the performance bond in all situations when the Contractor fails to obey the contractual obligations in a way and within the deadline as per the Contract, such as: non-delivery, partial delivery, delay longer than 10 days in delivery of vehicles, accompanying equipment, instructions for vehicle handling and maintenance, execution of training, engagement of person not mentioned in the bid as subcontractor, as well as any failure of the Contractor to act in a way determined by technical conditions and tender documents which are the part of this contract.

The Purchaser shall not activate the performance bond in situations when the breach of the contract (non-delivery, partial delivery, delay in delivery/execution) occurred due to certain circumstances (force majeure) which directly influenced the production and consequently the obedience of contracted deadline and method of delivery/execution or in case of other objective circumstances which occurred after the conclusion of the Contract (independently from the will of the Contractor) disabling the Contractor to execute certain obligations foreseen by this contract and which could not have been avoided, eliminated or foreseen by the Purchaser, about which the Contractor is obliged to submit the evidence.

In case the above-mentioned circumstances do not occur, the Purchaser is obliged to return the bank guarantee to the Contractor immediately upon the expiry of its validity period.

If the Supplier fails to act in accordance with paragraph 3 of this Article, the Purchaser shall activate the original guarantee 9 days prior to its expiry date.

All the costs related to the acquisition, extension and activation of the guarantee are covered by the Contractor.

If certain objective circumstances occur during the validity period of the Contract, which are not on the side of the Contractor and have caused the extension of the delivery deadline, the Contractor is obliged to submit the extension of performance bond or a new one, equal to 10% of the total value of the bid, without VAT and with new validity period which must be 10 days longer than new delivery period, at least 7 days before the expiry of the original validity period of performance bond.

If the Contractor fails to deliver the performance bond from the preceding paragraph, the Purchaser can activate the original guarantee.

All the expenses of acquisition, extension and activation of performance bond shall be covered by the Contractor.

#### **Article 8.**

As **an advance payment guarantee**, the Contractor is binding to submit to the Purchaser **within 10 days** from the day of the conclusion of the Contract the following: advance payment guarantee, unconditional and payable on first demand, equal to the amount of required advance payment in the bid, including VAT, with the validity period 10 days longer than the contract validity period (contracted deadline for delivery, installation, training execution...).

The Purchaser is entitled to activate the bank guarantee in all situations when the Contractor does not obey all contractual obligations in a way and within the deadline as per the Contract, from Article 7, paragraph 3 of this contract.

The Purchaser shall not activate the bank guarantee in situations stated in Article 7, paragraph 4 of the Contract.

In case the above-mentioned circumstances do not occur, the Purchaser is obliged to return the bank guarantee to the Contractor immediately upon the execution of the Contract.

If certain objective circumstances occur during the validity period of the Contract, which are not on the side of the Contractor and have caused the extension of the deadline for delivery, installation or commissioning of equipment, the Contractor is obliged to submit the extension of advance payment guarantee or a new one, equal to the amount of required advance payment in the bid and with new validity period which must be 10 days longer than new deadline for delivery and commissioning, at least 5 days before the expiry of the original validity period of validity of advance payment guarantee.

If the Contractor fails to deliver the advance payment guarantee from the preceding paragraph, the Purchaser can activate the original guarantee 2 days before the expiry of the original guarantee at the latest.

All the expenses of acquisition, extension and activation of advance payment guarantee shall be covered by the Contractor.

#### **Article 9**

As **a bank guarantee for elimination of defects within the warranty period**, on the day of delivery (signing of Record on takeover of vehicles and the Record on takeover of the accompanying equipment (diagnostic devices, workshop equipment, spare parts, components, tools and equipment – necessary for regular vehicle maintenance and for overhaul and repair of aggregates, assemblies and devices in the vehicle, executed installation and commissioning of chargers... ), the Contractor is binding to submit to the Purchaser the following: bank guarantee for elimination of defects within the warranty period unconditional and payable on first demand, equal to 3% of the total value of the bid, without VAT and with the validity period 5 days longer than the contracted warranty period.

If during the warranty period, bank guarantee for elimination of defects is activated, the Contractor is obliged to deliver a new one, under the same conditions, within 10 days.

If the Contractor fails to deliver the bank guarantee from the preceding paragraph, the Purchaser shall activate the original guarantee for elimination of defects within the warranty period before the last day of validity period of the original guarantee at the latest.

The Purchaser is entitled to activate the bank guarantee for elimination of defects within the warranty period in all situations when the Contractor does not obey all contractual obligations in a way and within the deadline as per the Contract, such as failure to eliminate the defects within the warranty period and in the way stipulated in Article 11 of the Contract.

Purchaser shall not activate the bank guarantee for elimination of defects within the warranty period in situations when the defects are caused by non-professional handling by the Purchaser or no-elimination of defect caused by inappropriate maintenance or force majeure.

In case the above-mentioned circumstances do not occur, the Purchaser is obliged to return the bank guarantee to the Contractor immediately upon the expiry of warranty period.

All the expenses of acquisition, extension and activation of the guarantee shall be covered by the Contractor.

#### **Article 10**

The Purchaser undertakes to make the payment in the following way:

##### IN CASE WHEN THE CONTRACTOR REQUIRES THE ADVANCE PAYMENT

- Advance payment \_\_\_\_\_ % of the total contracted value, including VAT, in the amount of \_\_\_\_\_ dinars, within **Z** days upon the submission of Contractor's pro-form invoice, after the delivery of advance payment guarantee and performance bond.

The remaining part of the total value of the Contract, in the amount of \_\_\_\_\_ dinars including VAT, shall be paid within 45 days upon the submission of correct invoice of the Contractor, upon the executed delivery (signing of: Record on the takeover of the goods (for each vehicle separately); Record on takeover of accompanying equipment (diagnostic devices, workshop equipment, spare parts, components, tools and equipment); Record on takeover of technical documentation; Record on training conducted; Record on takeover of Internal authorization for preventive maintenance of buses) and the delivery of guarantee for elimination of defects within the warranty period.

##### IN CASE WHEN THE CONTRACTOR DOES NOT REQUIRE THE ADVANCE PAYMENT

The Purchaser undertakes to make the payment in the following way:

Total value of the contract, INCLUDING vat, within \_\_\_\_\_ days counted from the day of delivery of correct invoice to the Purchaser for payment and mutual signing of Record on the takeover of the goods (for each vehicle separately); Record on takeover of accompanying equipment (diagnostic devices, workshop equipment, spare parts, components, tools and equipment); Record on takeover of technical documentation; Record on training conducted; Record on takeover of Internal authorization for preventive maintenance of buses) and the delivery of guarantee for elimination of defects within the warranty period.

#### **Article 11**

In case the Contractor due to his own fault fails to execute the contracted service within the period and in a way stipulated in Article 2 of this contract, he agrees that the Purchaser shall calculate and charge him the contractual penalty in the amount of 0.2% of total contracted value from Article 4 of this Contract per each day of delay, with the note that the total value of the contractual penalty shall not exceed 5% of the contractual value.

In case of delay in execution of contracted service or non-fulfillment of obligation, the Purchaser is entitled to require the charging of contractual penalty, without informing the Contractor about the retention of this right.

The Purchaser's right to charge the contractual penalty shall not influence the Purchaser right to require the reimbursement of damage.

#### **Article 12**

The Contractor is obliged to deliver the contracted goods to the Purchaser with the contracted quality. The delivered goods shall be new and shall fulfill the standards regarding safety and technical features prescribed for goods which is the subject of this contract. The delivered goods must be entirely in accordance with the required technical conditions from the Tender Documents.

The Purchaser is entitled to conduct the control of quality, i.e. control of correspondence of the delivered goods with the declaration by a competent organizations (certified laboratories, etc.) which is capable of doing that by application of verified and documented method.

Expenses of the conducted quality control, i.e. control of correspondence of the delivered goods with the declaration, shall be covered by the Contractor, if the control proves the deviation from the required quality and the origin of goods.

### **Article 13**

Period during which the vehicle manufacturer guarantees the production of spare parts and components, after the delivery of buses is \_\_\_\_\_ years counted from the date of final takeover of buses by the Purchaser, at their destination (signing of the Record on takeover of goods for each vehicle separately).

Warranty periods provided by the Contractor are counted from the date of takeover of buses (signing of the Record on takeover of buses and the Record on takeover of the accompanying equipment), as follows:

Warranty period for the entire vehicle is \_\_\_\_\_ years or 200.000 km passed, *depending on what comes first.*

Warranty period for batteries or ultra capacitors is \_\_\_\_\_ years.

Warranty period for chargers for fast charging at termini and the one for slow charging in the depot is \_\_\_\_\_ years.

Warranty period for chassis, carbody and floor assembly (without floor lining) is \_\_\_\_\_ years.

Warranty period for paint is \_\_\_\_\_ years. Colour plan shall be made in accordance with GSP standard, which the Purchaser is obliged to deliver to the Contractor after the conclusion of the contract. Color of vehicle interior, as well as the colour of seats shall be chosen in the agreement between the Contractor and the Purchaser.

Warranty period for outer lining is \_\_\_\_\_ years.

Warranty period for assemblies and devices which are not stated is \_\_\_\_\_ years.

For parts, components, assemblies, batteries which are replaced within the above-stated warranties, the warranty conditions shall be applied starting from the date when these parts, components, assemblies, batteries are installed/delivered and until the expiry of the warranty stipulated by the Contractor in the preceding paragraphs.

For parts, components, assemblies, batteries which are repaired within the above-stated warranties, the warranty period shall be extended for the period during which the Purchaser could not use them.

### **Article 14**

The Contractor is obliged to service the vehicles during the warranty period free of charge and is obliged to respond to the Purchaser's invitation within \_\_\_\_\_ days.

Information about the service: name, head office, contact person, telephone number...

The Contractor and the Purchaser agree that the time spent out of service due to technical defects within the warranty period, after 7 days upon the diagnosis of defect, shall be charged in the following way:

- 150 EUR net daily per vehicle.

If certain special or unexpected circumstances occur, the deadline for defect repair can be longer than foreseen, with the Purchaser's consent, in which case the time spent out of service during the warranty period shall not be charged.

### **Article 15**

Quantitative and qualitative acceptance shall be carried out at the Purchaser's location, Bulevar Crvene armije 2, Belgrade.

About all possible complaints to the quality (visible imperfections) and quantity, the Purchaser is obliged to inform the Contractor immediately after the receipt of the goods, while about the complaints for invisible imperfections, the Purchaser shall inform the Contractor without delay, immediately after finding out about it.

Acceptance of vehicles, chargers, documentation... shall be done in the premises of the Purchaser by the Commission formed for the acceptance of vehicles, about which the Record shall be made and signed by both contracting parties. If the vehicles, chargers, documentation, diagnostic devices, spare parts, charger installation ... have deficiencies, they shall be stipulated in the Record and the Contractor shall be

obliged to eliminate them as soon as possible, but not longer than after 7 day, since the day of signing of such Record cannot be considered as the day of executed delivery.

The day of signing of the Record by the Commission in which there are no stated imperfection or which states the elimination of imperfections, shall be considered as the day of delivery.

For the goods for which the warranty is provided, the Contractor is obliged to deliver the Warranty Card to the Purchaser.

The Contractor is obliged to eliminate all deficiencies subject to the warranty, at his own expense.

In case the deficiencies occur during the service or they were not visible at the moment of vehicle acceptance, the Contractor is obliged to intervene at the Purchaser's location within 48 hours upon the receipt of Purchaser's written request at the latest.

The Contractor is obliged to provide the spare parts and components and resolve the occurred defect within 7 days after diagnosis of the defect.

If certain special or unexpected circumstances occur, the deadline for defect repair can be longer than foreseen, with the Purchaser's consent.

The awarded bidder is obliged to repair all the defects occurred due to inadequate design solution or material during the warranty period, without delay and free of charge.

The awarded bidder is obliged to compensate for the collateral technical damage caused by the defect of components during the warranty period.

The warranty period shall be extended by the period during which the Purchaser could not use vehicles due to the elimination of deficiencies within the warranty period.

The Contractor shall not be obliged to repair the defect which is the consequence of inappropriate maintenance of force majeure.

#### **Article 16**

The Contractor is obliged to submit to the Purchaser the evidence on origin of the delivered goods at Purchaser's request, at any moment of delivery.

In order to check the origin of the delivered goods from import, the Purchaser retains the right to request the submission of Packing List and Customs Documents.

The Contractor is obliged to deliver to the Purchaser, at his request, the detailed instruction for warehouse control on recognition of originality of subject goods and check of their conformity with declared quality and issued warranty.

#### **Article 17**

This Contract enters into force on the day when it is signed by both Contracting Parties and upon the delivery of the Security from Articles 7 and 8 of this Contract

Before the expiry of validity period of this Contract, due to the increase in volume of the procurement subject, the Purchaser and the Contractor can conclude the Annex to this Contract on the basis of consensual declaration of wills and without conduct of public procurement procedure, provided that the value of the increased volume cannot exceed more than 5% of this Agreement.

#### **Article 18**

All the disputes from this Contract shall be primarily resolved consensually.

In case the dispute cannot be resolved in a way from the preceding Paragraph, it falls under jurisdiction of the Commercial Court in Belgrade.

#### **Article 19**

Amendments to this Contract shall be valid only if they are made in written form, with mutual consent of contracting parties, regarding which the Annex to the Contract shall be made.

**Article 20**

For all the points not included in this Contract the Law on Contractual Relations shall be applicable.

**Article 21**

This Contract is drawn up in 7 (seven) identical counterparts, 2 (two) for the Contractor and 5 (five) for the Purchaser.

FOR THE CONTRACTOR

\_\_\_\_\_

FOR THE PURCHASER

\_\_\_\_\_  
Željko Milković, M.Sc.M.E.

***Note: This model of Contract represents the contents of the Contract to be concluded with the awarded Bidder. If the bidder refuses to conclude the public procurement contract after being awarded, without justifiable reasons, the Purchaser shall give him a negative reference and realize the submitted security for the seriousness of the bid.***