

“The project is financed by the National Center for Research and Development and by the European Union in the framework of the European Regional Development Fund”

Poznań, 15 July 2015

Request for proposal no. DEM-281 - 22/2015

No.	Object of contract	Unit	Quantity	Deadline for bid submission	Comments
1.	A complete gangway connection system for low-floor trams	set	4	lapses on 29.07.2015 at 1.00 PM	The date of receipt at the MODERTRANS office decides

1. Object of contract:

1.1. Delivery of four sets of brand new tram gangway connection systems which include:

- 1.1.1. lower and upper articulation;
- 1.1.2. internal and external bellows;
- 1.1.3. a turntable;
- 1.1.4. ventilation ducts -

The object of contract must be made and delivered in conformance to the requirements set forth in item 1.2., 1.3., 1.4., 1.5., 1.6., and 1.7. The complete system of gangway connections must comply with the provisions of the Regulation of the Minister of Infrastructure of 2 March 2011 on the technical conditions that must be met by trams and trolleybuses and on the scope of their required equipment.

1.2. Lower rotating articulation (4 sets)

- 1.2.1. distance between segments - 700 mm
- 1.2.2. rotation axis in the interval of 300/400 mm
- 1.2.3. maximum rotation angle between segments 20°
- 1.2.4. maximum king angle between segments - 2.83°
- 1.2.5. maximum load on the articulation - 210 kN

1.3. Upper rotating articulation (4 sets)

- 1.3.1. distance between segments - 700 mm
- 1.3.2. rotation axis in the interval of 300/400 mm
- 1.3.3. maximum rotation angle between segments 20°
- 1.3.4. maximum king angle between segments - 2.83°
- 1.3.5. maximum load on the articulation - 139 kN

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- 1.4. Upper pivoting articulation (1 set)
 - 1.4.1. distance between segments - 700 mm
 - 1.4.2. rotation axis in the interval of 300/700 mm
 - 1.4.3. maximum rotation angle between segments 20°
 - 1.4.4. maximum king angle between segments - 2.83°
 - 1.4.5. maximum load on the articulation - 10 kN
- 1.5. Internal and external bellows (4 sets)
 - 1.5.1. external bellows of the closed type with removable lower part, appropriate for the tram’s clearance gauge, with additional roof wind deflectors
 - 1.5.2. minimum distance between the lower part of the external bellows and the rail head level - 150 mm
 - 1.5.3. internal bellows matching the outline of the gangway connection
 - 1.5.4. articulations and ventilation ducts installed between the bellows
- 1.6. Turntable (4 sets)
 - 1.6.1. turntable made of light aluminum alloys
 - 1.6.2. maintenance-free operation, high reliability thanks to the use of self-lubricating inserts.
- 1.7. Ventilation ducts (4 sets)
 - 1.7.1. each set consists of a pair of ducts installed on the right and left side of the upper articulation, between the bellows
 - 1.7.2. the surface area of the cross-section may not be less than 37,800 mm²

2. Selection criteria:

The most advantageous bid will be selected based on the following bid evaluation criteria:

- 2.1. Net price - 50%
 - 2.1.1. The bid with the lowest price will receive the highest number of points, i.e. 50 points.
 - 2.1.2. Method of point award in the “price” criterion
$$\frac{\textit{lowest price}}{\textit{evaluated bid price}} \times 50$$
- 2.2. Performance deadline - 50%
 - 2.2.1. The bid with the nearest performance deadline will receive the highest number of points, i.e. 50 points.
 - 2.2.2. Method of point award in the “performance deadline” criterion

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$$\frac{\textit{nearest delivery deadline [days]}}{\textit{evaluated bid delivery deadline [days]}} \times 50$$

- 2.3. The bid that receives the largest number of points will win the tender. The Ordering Party shall have the right to conduct price negotiations with the Contractor that has submitted the winning bid.
- 2.4. The bidders who submit their bids in the tender should demonstrate that they have the knowledge and experience needed to perform this contract. For this purpose, they should submit a declaration that in the period of the last three years before the deadline for submission of the bids they have delivered 10 complete tram gangway connection systems and trams equipped with it received the certification of approval in Poland.
- 2.5. Bids of contractors that do not meet the requirements set forth in item 2.4 shall be rejected.

3. The bid must contain:

- 3.1. The name and address of the bidding company
- 3.2. A description of the scope of delivery (conforming to item 1 of the request for proposal)
- 3.3. The declaration mentioned in item 2.4
- 3.4. The net and gross bid price
- 3.5. The contract performance deadline
- 3.6. Payment terms:
- 3.7. The bid should contain information on the **period of validity of the bid**. If the bid does not contain such information, it will be assumed that it is valid for 3 months from the date of its issue.

4. The bids and any questions should be submitted:

- 4.1. to the following email addresses: m.kin@modertrans.poznan.pl or LRV@modertrans.poznan.pl
- 4.2. or to the following fax number: +48 61 879 34 03
- 4.3. or by post to the following address: Modertrans Poznań Sp. z o.o., ul. Forteczna 2, 61 – 362 Poznań (the date of receipt at the office of Modertrans shall be decisive)
- 4.4. or personally: at the company's office - the address is given above

The Ordering Party reserves the right to close the tender procedure without choosing the bidder and without stating the reasons for such closure.