

	00	06.08.10	Issue for Inquiry	Borowczyk	Boscolo	Massetti		
Status	Issue	Date	Description	Prepared	Checked	Approved		
				ORIGINATOR			COMPANY	



FAGIOLI POLSKA sp. z o.o

		DOCUMENT TITLE						
		<p align="center">REQUEST FOR QUOTATION FOR SELF PROPELLED MODULAR EQUIPMENT – SECOND LOT</p>						
		DOCUMENT NUMBER			System/ Area		DFO	
		FPOLSKA- RFQ-HT-01					00	
		Project No.	Orig Code.	Area System	Disc Code	Doc. Type	Seq. No.	Rev.

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1. DEFINITIONS

- Work:** means all the activities relevant to the supply of equipment (self propelled modular trailers, power pack units and remote control system) as described in the present RFQ that will constitute the Subcontractor scope of work

- Contractor:** means Fagioli Polska Sp.Zo.o.

- Subcontractor:** means the company who will execute the Work according to the present RFQ

- Subcontract:** means the official agreement between Contractor and Subcontractor for the supply of the equipment of the Work

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2. INTRODUCTION

The scope of the present document is to give the necessary information and details for the provision of self propelled modular trailers equipment.

The present document with all the attachments will help Subcontractor to provide the work in the best way, in safety conditions and following all the European Laws and regulations in use.

Subcontractor shall have an implemented and documented system for quality assurance which comply with current ISO 9001-series and encompass and document all activities used to control, organise, plan, execute, procure, supervise, document, approve and verify the Subcontractor activity, from the beginning to the acceptance of the work.

Subcontractor is required to maintain, throughout the performance of the work, a Quality System documented in a Quality Manual and acceptable to Contractor. The manual and relevant procedures, work instructions, standards, etc. will address all aspects of Quality Assurance relevant to Subcontractor's scope of work.

Subcontractor's Quality System shall comply with regulation on Health, Safety and Environment Activities.

Subcontractor shall be responsible for managing all Health, Safety and Environment aspects of the Work in order to comply with all the requirements necessary for the protection of the people, the environment and material assets during procurement, construction and commissioning of the Work.

Subcontractor will manage all the Health, Safety and Environment aspects of the Work according to the National Regulations.

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3. BID PREPARATION AND SUBMISSION

All the information shall be examined and eventually annotated by Subcontractor before to submit the offer.

Any deviation from this RFQ requirements must be pointed out by Subcontractor and submitted to Contractor approval.

Subcontractor is required to submit his complete offer with all the requested attachments by 17th September 2010 18:00 a.m., via mail, e-mail or fax to the following address:

Fagioli Polska Sp.Zo.o.
 ul. Krolewska 16
 00-103 Warszawa
 Poland

Att: Mrs. Borowczyk Magdalena
 Phone: +48(32)3253004
 Fax: +48(32)3253004
 e-mail: m.borowczyk@fagioli.com

In any case the final confirmation of the contract it is subject to the Contractor approval.

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4. EQUIPMENT

The following equipment is the Subcontractor's Scope of Work:

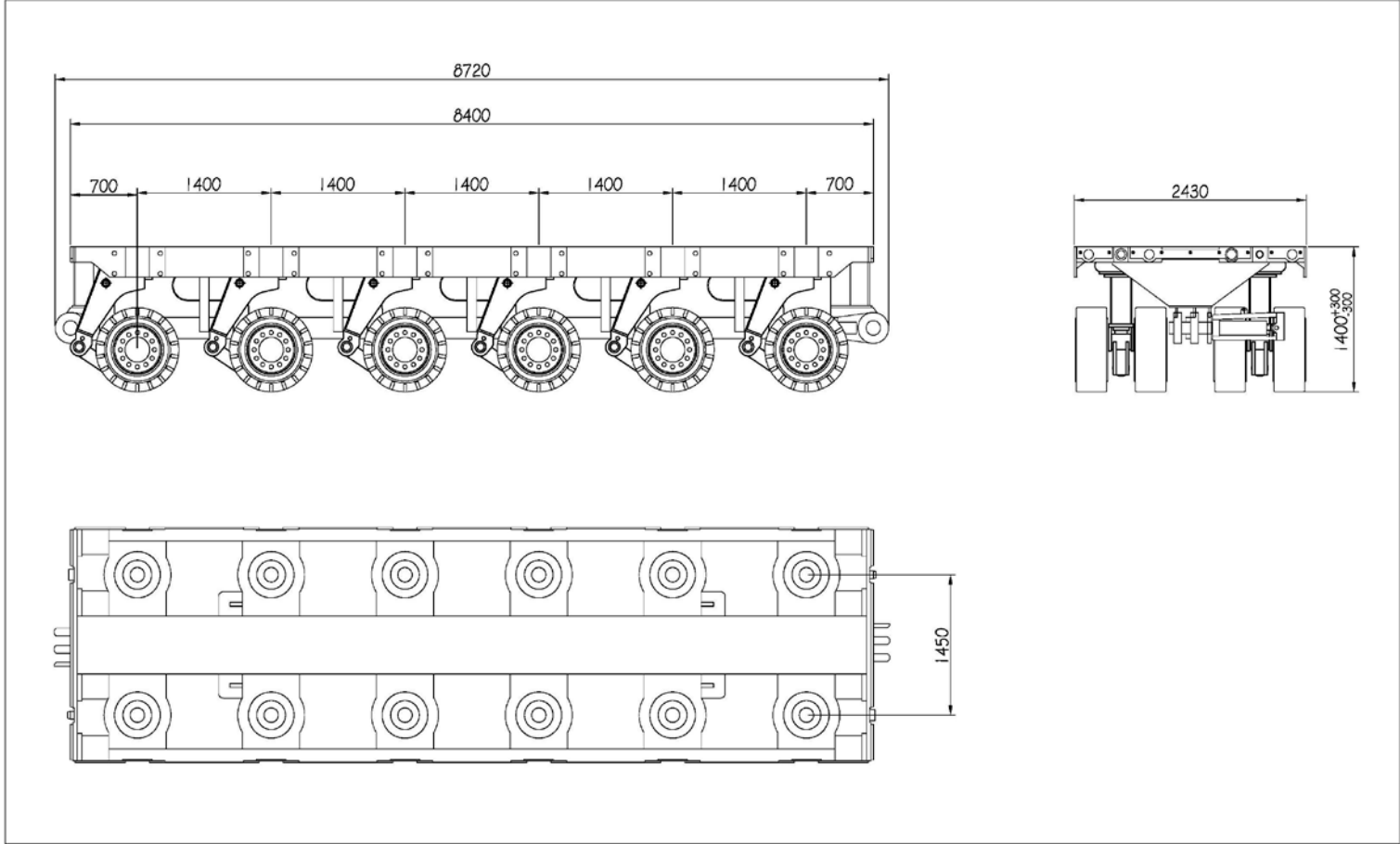
- N° 2 units of six axles module unit with bolt coupling on both ends of self propelled modular trailers.
- N° 4 units of four axles module unit with bolt coupling on both ends of self propelled modular trailers.

Main technical data are:

DIMENSIONS	(4-Axles)			(6-Axles)		
Overall length	5.920 mm			9.380 mm		
Overall width	2.430 mm					
Minimum height	1.100 mm (empty)					
Running height	1.400 mm (empty)					
Maximum height	1700 mm (empty)					
Total stroke of suspensions	600 mm (± 300 mm)					
Transversal Distance between centre of suspensions	1450 mm					
Wheel base	1400 mm					
WEIGHTS (kg)						
Speed	0.5 km/h	5 km/h	10 km/h	0.5 km/h	5 km/h	10 km/h
Axle load (2 suspensions) (kg)	50.000	50.000	50.000	50.000	50.000	50.000
Total gross weight (kg)	300.000	300.000	300.000	300.000	300.000	300.000
Dead weight (kg)	18.000 (approx.)			26.000 (approx.)		
Payload (kg)	182.000	182.000	182.000	274.000	274.000	274.000
AXLES						
Number of axle lines	4 (8 suspensions)			6 (12 suspensions)		
Number of driven axles	2			4		
Number of braked axles	2			2		
Number of braked axles with A.S.R.	2			2		
PLANETARY GEARBOX						
Wheel reducer	BOSCH-REXROTH type 107					
Number of wheel reducer	8			8		
Max tractive effort	10.500 kg for driven axle			10.500 kg for driven axle		
Ratio of gear	42					
Output torque	Max 32000 Nm					
TYRES						
Type	32x11,5-15 PR 26					
Number	16			24		

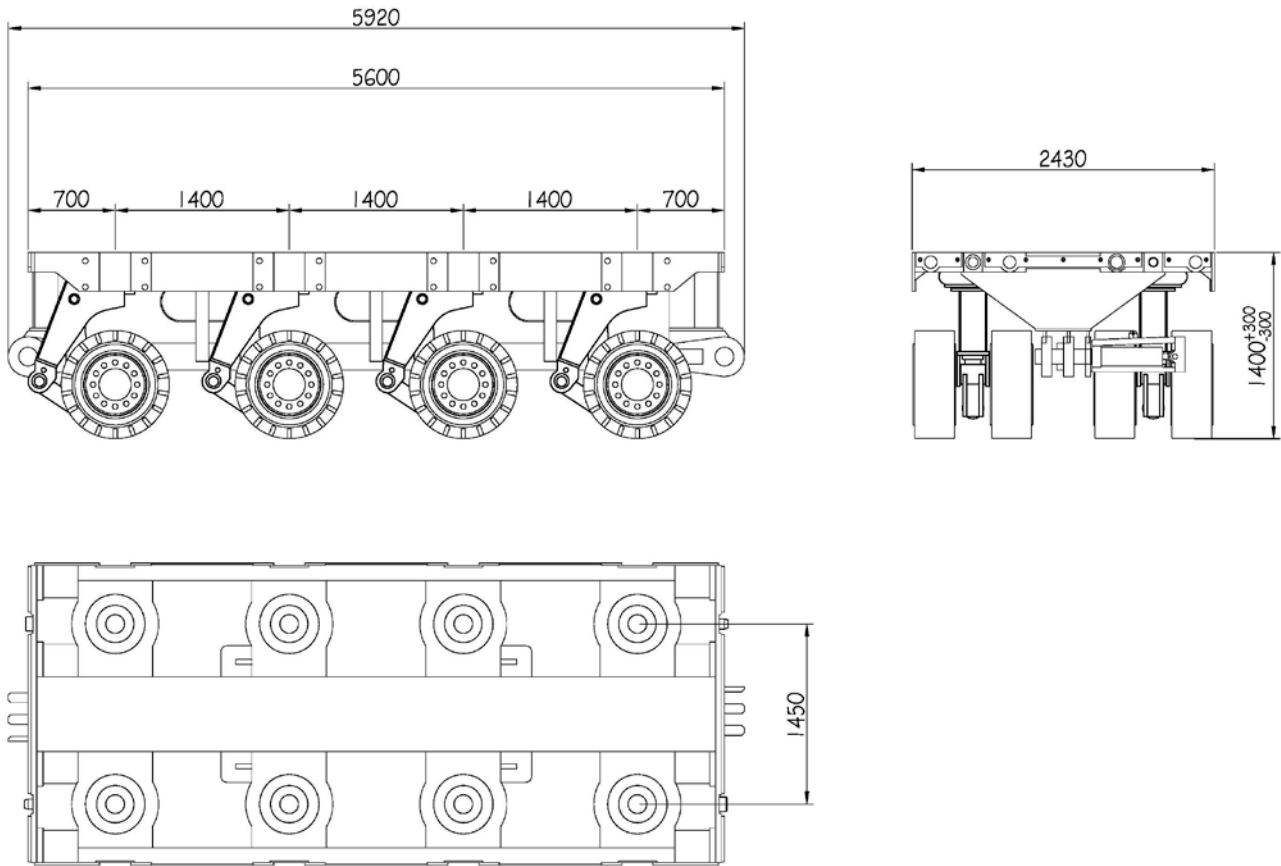
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General dimension of six axles:





General dimension of four axles:



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- N° 3 units of PPU's (Power Pack Units) for hydrostatic self-propulsion. Hydraulic axle support: lift and lower system. Actuation of the digitally controlled hydraulically operated steering. Hydraulic brake system and for supply of the electric/electronic systems. Propulsion via liquid cooled diesel engine with a nominal performance of minimum 355 kW.

General dimension of PPU:

Length: approx 4.200-4.900mm

Width: approx 2.310mm

Height: approx 1.100mm

Weight: approx 7.000kg-8.000kg

Main technical data:

DIMENSIONS	
Overall length	4.200-4.900 mm
Overall width	2310 mm
Overall height	1090 mm
Overall height with wheels	1150 mm
Total weight	7500 kg (approx)
DIESEL ENGINE	
Combustion principle	4-stroke Diesel
Power	355 kW (483 HP)
Alternator	28V / 80A
Starter	24V / 6KW
Engine oil capacity including oil filter	Minimum 34 litres; Maximum 39 litres
Euro code	Minimum Euro 3
Diesel tank capacity / Operating autonomy approx.	450 litres / 10 hours
HYDRAULIC SYSTEM	
Variable displacement pumps	
Motorization (2 pumps)	A4VG180EP2DT2 + A4VG125EP2DT2
Lifting and steering	A11VLO190DRS/11R
Gear pumps	
Oil cooling pump	SAUER SNP3/90
Pump for hydraulic oil supply to engine coolant radiators fan	SAUER SNP3/44
Pump for overfeeding planetary gearboxes	SAUER SNP3/44
Pump for hydraulic oil supply to radiator fan	SAUER SNP3/22
Hydraulic oil	
Oil tank capacity	Minimum 850 litres

- N° 3 Radio Remote Control Systems.

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All the control and check devices of the handling of the vehicle, lifting and lowering have to be located both in the radio control and in the control panels of the front and side of the main electric box of the Power Pack. , but also insert cable-bound.

- All necessary connection hoses for driving the 28 axles in line.

It is mandatory the above equipment will fully respond as minimum to all the various combinations and steering programs included in the attached document.

Paint: Ral 3002, company colour of Fagioli Polska.

The above mentioned equipment has to be supplied with proper complete documentation (material certificate, proof load test certificate,), CE Certificate.

The equipment shall be inspected by Contractor, by a third part during the bidding phase and before the contract award.

5. SUPPLY PERIOD and PENALTIES

All the Equipment has to be supplied within end of December 2010.

In case of delay in equipment supply due to any reason caused by the Subcontractor, like late arrival of components, late "ready to work", or temporary stops during the fabrications due to any reason, penalties (1% of contract value) will be applied per each day of delay.

6. PRICES

Subcontractor is required in his offer to submit all detailed prices of Equipment supplied.

Price has to be firm and valid for the entire supply period.

Payments will be discussed in a second stage.

7. CRITERIA for SELECTION

The main criteria for Subcontractor selection are:

- fully respond to all technical requirements described in the present RFQ (55% of total score);
- commercial evaluation (35%);
- equipment readiness within terms indicated (10%).

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8. INFORMATION TO BE PROVIDED

In his offer, Subcontractor will detail the following information:

- A. Detailed description of the Equipment, model, packing list, possible configuration, official capacity charts.
- B. Subcontractor Quality Assurance Manual (complete copy with all the Procedures and Work Instructions).
- C. Subcontractor financial annual reports of past 3 years.

9. WARRENTY

Warranty has to be two years after ex works delivery. The warranty has to cover the replacement of defective parts damaged by faults in construction, material and manufacture.