

AMENDMENT No. 2

**To the Bidding Document for the procurement of Repair and modernization of the electric locomotives series 1141
ICB No: HZC - ICB - 07/15**

TO ALL FIRMS THAT HAVE PURCHASED THE BIDDING DOCUMENT

Dear Sir/Madam,

With reference to the stated project and the ICB procedure for procurement of Repair and modernization of the electric locomotives series 1141, please be informed that the relevant section of the bidding document, are amended as follows:

Section in the Bidding Document	Requirement in the Bidding Document, issued on 23rd September 2016	AMENDMENT No. 2 to the Bidding document, issued on 18th November 2016
Instructions to Bidders, 5. Qualification of the Bidder, 5.3(b)	total monetary value of Services performed for each of the last five years;	total monetary value of Services of a similar nature and size performed in the last twelve years;
Instructions to Bidders, 5. Qualification of the Bidder, 5.3(c)	experience in Services of a similar nature and size for each of the last five years, and details of Services under way or contractually committed; and names and address of clients who may be contacted for further information on those contracts;	experience in Services of a similar nature and size in the last twelve years, and details of Services under way or contractually committed; and names and address of clients who may be contacted for further information on those contracts;
Instructions to Bidders, 5. Qualification of the Bidder, 5.5(b)	experience as prime contractor in the provision of at least two service contracts of a nature and complexity equivalent to the Services over the last 5 years (to comply with this requirement, Services contracts cited should be at least 70 percent complete) as specified in the BDS;	experience as prime contractor in the provision of at least two service contracts of a nature and complexity equivalent to the Services over the last 12 years (to comply with this requirement, Services contracts cited should be at least 70 percent complete) as specified in the BDS;
Instructions to Bidders, 5. Qualification of the Bidder, 5.6	The figures for each of the partners of a joint venture shall be added together to determine the Bidder's compliance with the minimum qualifying criteria of ITB Sub-Clause 4.4(a), (b) and (e);	The figures for each of the partners of a joint venture shall be added together to determine the Bidder's compliance with the minimum qualifying criteria of ITB Sub-Clause 5.5(a), (b) and (e);
Section II. Bidding Data Sheet, Instructions to Bidders Clause Reference. 1.2	The Intended Completion Date is 1.6.2017	The Intended Completion Date is 188 working days from date of issued advance payment. -1st locomotive delivery - 120 working days from date of issued advance payment. -Rest of delivery: 2 locomotives successively every 23 working days
Section II. Bidding Data Sheet, Instructions to Bidders Clause Reference. 5.3	The Qualification Information and Bidding forms to be submitted are as follows: None	The Qualification Information and Bidding forms to be submitted are as follows: Yes
Section II. Bidding Data Sheet,	The information needed for Bids submitted by joint ventures is as follows: None	The information needed for Bids submitted by joint ventures is as follows: Yes

Instructions to Bidders Clause Reference. 5.4		
Section II. Bidding Data Sheet, Instructions to Bidders Clause Reference. 5.5	The qualification criteria in Sub-Clause 4.4 are modified as follows: None	The qualification criteria in Sub-Clause 5.5 are modified as follows: None
Section II. Bidding Data Sheet, Instructions to Bidders Clause Reference. 5.5(a)	The minimum required annual volume of Services for the successful Bidder in any of the last two years shall be 25% of contract value or 1.070.000,00 €	The minimum required annual volume of Services of a similar nature and complexity for the successful Bidder in the last twelve years shall be 1.000.000,00 €
Section II. Bidding Data Sheet, Instructions to Bidders Clause Reference. 5.5(b)	The experience required to be demonstrated by the Bidder should include as a minimum that he has executed during the last 5 years the following: Medium and large repair of locomotives series 1141.	The experience required to be demonstrated by the Bidder should include the services of a similar nature and complexity equivalent to the Services on locomotives 1141 (ex 441) during the last 12 years. As an evidence the Bidder shall submit a list of contracts of services performed on locomotives 1141 (ex 441), showing that he has executed the services similar nature and complexity equivalent to the Services required; a list shall be accompanied by confirmation of the counterparty of the satisfactorily execution of the contracts.
Section II. Bidding Data Sheet, Instructions to Bidders Clause Reference. 5.5(e)	The minimum amount of liquid assets and/or credit facilities net of other contractual commitments of the successful Bidder shall be 14.0 % of contract value or 610.000,00 €	The minimum amount of liquid assets and/or credit facilities net of other contractual commitments of the successful Bidder shall be 610.000,00 €
Section II. Bidding Data Sheet, Instructions to Bidders Clause Reference. 5.5(f)		A minimum two of similar contracts of Services subject to this bidding that have been satisfactorily and substantially completed between 1st January 2004 and bid submission deadline. The similarity shall be based on the physical size, complexity, methods/technology and/or other characteristics described Technical Specification. Summation of number of small value contracts (less than the value specified under this requirement) to meet the overall requirement will not be accepted. Substantial completion shall be based on 70% or more Services completed under the contract.
Section II. Bidding Data Sheet, Instructions to Bidders Clause Reference. 21.3		All potential bidders who downloaded Bidding documents are requested to contact HŽ Cargo staff via email address mateo.karamatic@hzcargo.hr in order to leave their contact details so they could be informed of possible changes of the Bidding documents.

Section III. Bidding Forms, Qualification Information, 1.2	Total annual volume of Services performed in five years, in the internationally traded currency specified in the BDS:	Total annual volume of Services of a similar nature and volume performed in twelve years, in the internationally traded currency specified in the BDS:
Section III. Bidding Forms, Qualification Information, 1.3	Services performed as prime Service Provider on the provision of Services of a similar nature and volume over the last five years. The values should be indicated in the same currency used for Item 1.2 above. Also list details of work under way or committed, including expected completion date.	Services performed as prime Service Provider on the provision of Services of a similar nature and volume over the last twelve years. The values should be indicated in the same currency used for Item 1.2 above. Also list details of work under way or committed, including expected completion date.
Section V. Activity Schedule, Service No.1, Final Completion Date(s) of Services	1.6.2017	The Intended Completion Date is 188 working days from date of issued advance payment.
Section V. Activity Schedule, Service No.2, Final Completion Date(s) of Services	1.6.2017	The Intended Completion Date is 188 working days from date of issued advance payment.
Section VII. Special Conditions of Contract, 2.2.2	The Starting Date for the commencement of Services is 01.01.2017	The Starting Date for the commencement of Services is 30 days from date of issued advance payment.
Section VII. Special Conditions of Contract, 2.3	The Intended Completion Date is 1.6.2017	The Intended Completion Date is 188 working days from date of issued advance payment.
Section VII. Special Conditions of Contract, 7.1	The principle and modalities of inspection of the Services by the Employer are as follows: establish minimum 5 phases of control. The Defects Liability Period is 12 months or 365 days from the day of signing the minutes that the locomotive is ready for traffic.	The principle and modalities of inspection of the Services by the Employer are as follows: establish minimum 5 phases of control. The Defects Liability Period is 12 months or 365 days from the day of signing the minutes that the locomotive is ready for traffic. The Employer requires 12 years guarantee for spare parts supply. Spare parts installed on the locomotives must be produced according to the original technical documentation accompanied with certificate confirming eligibility for installation on the locomotives.
Appendix A: Description of the Services, Description of works medium repair of the series 1 141 (ex 441) locomotive, 1. Delivering the	The locomotive is delivered for repairs after a complete inspection and with a sheet of needed repair work, and should be returned, after defectation, on a turn-key basis. The key and the log are being handed over with the locomotive.	The locomotive is delivered for repairs after a complete inspection and with a sheet of needed repair work, and should be returned, after defectation, on a turn-key basis. The key and the log are being handed over with the locomotive. The Supplier is required to deliver locomotive for repairs with all the parts and assemblies according to the Description of works. All defects and failures determined

locomotive for repairs		by delivery log will be delivered to the Supplier within 30 days.
Appendix A: Description of the Services, Description of works medium repair of the series 1 141 (ex 441) locomotive, 2.15 Voltage transformer		Installation of energy consumption measuring system according to HRN EN 50463. Proposed system has to be accompanied with a list of certified rail vehicles running in Croatia with proposed system to prove compatibility with Croatian legislation.
Appendix A: Description of the Services, Description of works medium repair of the series 1 141 (ex 441) locomotive, 3.1 Bogies		Install diagonal connector on bogies
Appendix A: Description of the Services, Description of works medium repair of the series 1 141 (ex 441) locomotive, 3.10 Revision of the axle assembly	Install new wheels if the radius of the existing ones is smaller than allowed	Install new wheels if the radius of the existing ones is smaller than allowed - will be delivered by Employer
Appendix A: Description of the Services, Description of works medium repair of the series 1 141 (ex 441) locomotive, 3.17 Speed sensor	-Install a new speed sensor and cable (for KWR 6) -TŽV Gredelj is compiling documentation for installation	-Install a new speed sensor and cable -Supplier is compiling documentation for installation
Appendix A: Description of the Services, Description of works medium repair of the series 1 141 (ex 441) locomotive, 3.21 Sand blasters	-Install reservoir lids on hinges (same as on the tiling train) -if not done already, the sand blasters should be modified (in accordance with the 100 series)	deleted
Appendix A: Description of the Services, Description of	Perform a complete revision of the PJUT in accordance with the user's manual	Perform a complete revision of the PJUT in accordance with the user's manual (only for locomotives which have PJUT)

works medium repair of the series 1 141 (ex 441) locomotive, 6. Pjut		
Appendix A: Description of the Services, Description of works medium repair of the series 1 141 (ex 441) locomotive, 10.1 Electric equipment of the auto-stop device	Integrate the KWR 6 into the auto stop device	deleted
Appendix A: Description of the Services, Description of works medium repair of the series 1 141 (ex 441) locomotive, 10.2 Pneumatic equipment of the auto-stop device	De-install the shut-off cock and adjust it like on the sub-series 100	De-install the shut-off cock and place it under auto-stop device cabinet
Appendix A: Description of the Services, Description of works medium repair of the series 1 141 (ex 441) locomotive, 11.3 Air dryer	Install a new air dryer	De-install and perform revision of air dryer
Appendix A: Description of the Services, Description of works medium repair of the series 1 141 (ex 441) locomotive, 11.4 P - stand	Install a switch for a pantograph, the same as on sub-series 100	Install a switch for a pantograph on pneumatic cabinet instead of air cock
Appendix A: Description of the Services, Description of works medium repair of the series 1 141 (ex 441) locomotive,	-Install new push floor switches for the locomotive horn, deadman control and sandblasters (like in the subseries 300) (Electric control of the horn)	-Install new push floor switches for the locomotive horn, deadman control and sandblasters -Electric control of the horn in control room

12.5 Foot opening		
Appendix A: Description of the Services, Description of works medium repair of the series 1 141 (ex 441) locomotive, 12.7 Ashtrays and wastebaskets	-Install two new ashtrays on each counter (apply the solution from the 2062 100 locomotive) -Install one more wastebasket in each control room	-Install two new ashtrays on each counter
Appendix A: Description of the Services, Description of works medium repair of the series 1 141 (ex 441) locomotive, 12.12 Speedometer	-Install a new DEUTA speedometer type KWR 6 -Connect the signalization of the device with the signal panel of the F2 cabinet as well (solution from the 2132 300 locomotive)	-De-install existing speedometer and registering device, also perform revision
Appendix A: Description of the Services, Description of works medium repair of the series 1 141 (ex 441) locomotive, 12.18 Bypass cock	-Install in accordance with the 300 subseries	deleted
Appendix A: Description of the Services, Description of works medium repair of the series 1 141 (ex 441) locomotive, 13.4 Shades and curtains	-Install new shades with rails onto the front windows (TŽV Gredelj will recommend the type of shades and rails)	-Install new shades with rails onto the front windows (Supplier will recommend the type of shades and rails)
Appendix A: Description of the Services, Description of works medium repair of the series 1 141 (ex 441) locomotive, 15.2 Final signal girder	-Diagonally install a final signal girder. Apply the solution from DMV 7121 100	-Diagonally install a final signal girder.
Appendix A: Description of the Services, Description of		-Spare parts installed on the locomotives must be produced according to the original technical documentation accompanied with

works medium repair of the series 1 141 (ex 441) locomotive, 19.4 Final inspection and hand over of the locomotive		certificate confirming eligibility for installation on the locomotives.
Appendix A: Description of the Services, Description of works major repair of the series 1 141 (ex 441) locomotive, 1. Delivering the locomotive for repairs		The Supplier is required to deliver locomotive for repairs with all the parts and assemblies according to the Description of works. All defects and failures determined by delivery log will be delivered to the Supplier within 30 days.
Appendix A: Description of the Services, Description of works major repair of the series 1 141 (ex 441) locomotive, 2.17 Voltage transformer		Installation of energy consumption measuring system according to HRN EN 50463. Proposed system has to be accompanied with a list of certified rail vehicles running in Croatia with proposed system to prove compatibility with Croatian legislation.
Appendix A: Description of the Services, Description of works major repair of the series 1 141 (ex 441) locomotive, 3.1 Bogies		-Install diagonal connector on bogies
Appendix A: Description of the Services, Description of works major repair of the series 1 141 (ex 441) locomotive, 3.10 Revision of the axle assembly	-Replace the monoblock wheels	-Replace the monoblock wheels – will be delivered by Employer
Appendix A: Description of the Services, Description of works major repair of the series 1 141 (ex 441)	-Install a new speed sensor and cable (for KWR 6)	-Install a new speed sensor and cable

locomotive, 3.17 Speed sensor		
Appendix A: Description of the Services, Description of works major repair of the series 1 141 (ex 441) locomotive, 3.21 Sand blasters	-Install reservoir lids on hinges (same as on the tiling train) -if not done already, the sand blasters should be modified (in accordance with the 100 series)	deleted
Appendix A: Description of the Services, Description of works major repair of the series 1 141 (ex 441) locomotive, 5.6 Pjut	Perform a complete revision of the PJUT in accordance with the user's manual	Perform a complete revision of the PJUT in accordance with the user's manual (only for locomotives which have PJUT)
Appendix A: Description of the Services, Description of works major repair of the series 1 141 (ex 441) locomotive, 11.1 Electric equipment of the auto-stop device	Integrate the KWR 6 into the auto stop device	deleted
Appendix A: Description of the Services, Description of works major repair of the series 1 141 (ex 441) locomotive, 11.2 Pneumatic equipment of the auto-stop device	De-install the shut-off cock and adjust it like on the sub-series 100	De-install the shut-off cock and place it under auto-stop device cabinet
Appendix A: Description of the Services, Description of works major repair of the series 1 141 (ex 441) locomotive, 12.4 P - stand	-Install a switch for a pantograph, the same as on sub-series 100 -Replace the rubber pipes for feeding the electric pneumatic devices with air	Install a switch for a pantograph on pneumatic cabinet instead of air cock deleted

<p>Appendix A: Description of the Services, Description of works major repair of the series 1 141 (ex 441) locomotive, 13.5 Foot opening</p>	<p>-Install new push floor switches for the locomotive horn, deadman control and sandblasters (like in the subseries 300) (Electric control of the horn)</p>	<p>-Install new push floor switches for the locomotive horn, deadman control and sandblasters -Electric control of the horn in control room</p>
<p>Appendix A: Description of the Services, Description of works major repair of the series 1 141 (ex 441) locomotive, 13.6 Ashtrays and wastebaskets</p>	<p>-Install two new ashtrays on each counter (apply the solution from the 2062 100 locomotive) -Install one more wastebasket in each control room</p>	<p>-Install two new ashtrays on each counter</p>
<p>Appendix A: Description of the Services, Description of works major repair of the series 1 141 (ex 441) locomotive, 13.7 Calorifier in the control room</p>	<p>-Reconstruct the heating of the control room in accordance with the solution from 1 141 300 - II</p>	<p>-Reconstruct the heating of the control room</p>
<p>Appendix A: Description of the Services, Description of works major repair of the series 1 141 (ex 441) locomotive, 13.11 Speedometer</p>	<p>-Install a new DEUTA speedometer type KWR 6 -Connect the signalization of the device with the signal panel of the F2 cabinet as well (solution from the 2132 300 locomotive)</p>	<p>-De-install existing speedometer and registering device, also perform revision -Connect the signalization of the device with the signal panel of the F2 cabinet as well</p>
<p>Appendix A: Description of the Services, Description of works major repair of the series 1 141 (ex 441) locomotive, 13.17 Bypass cock</p>	<p>-Install in accordance with the 300 subseries</p>	<p>deleted</p>
<p>Appendix A: Description of the Services, Description of works major</p>	<p>-Install new shades with rails onto the front windows (TŽV Gredelj will recommend the type of shades and rails)</p>	<p>-Install new shades with rails onto the front windows (Supplier will recommend the type of shades and rails)</p>

repair of the series 1 141 (ex 441) locomotive, 14.4 Shades and curtains		
Appendix A: Description of the Services, Description of works major repair of the series 1 141 (ex 441) locomotive, 16.2 Final signal girder	-Diagonally install a final signal girder. Apply the solution from DMV 7121 100	-Diagonally install a final signal girder.
Appendix A: Description of the Services, Description of works major repair of the series 1 141 (ex 441) locomotive, 17.9 Front windows	Install the window in accordance with the gluing procedure used for the locomotive 1 142	Install the window with the gluing
Appendix A: Description of the Services, Description of works major repair of the series 1 141 (ex 441) locomotive, 20.4 Final inspection and hand over of the locomotive		-Spare parts installed on the locomotives must be produced according to the original technical documentation accompanied with certificate confirming eligibility for installation on the locomotives.

All other terms and conditions indicated in the Bidding Document remain unchanged.

Yours sincerely,

Project Manager