## TECHNICAL SPECIFICATIONS COMPLIANCE

Tender Ref.	Date of issue of Bid	Date of Bid		
	lProject	THPA, Thessaloniki, Greece		
	Bidder	Name		
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ITEM	DESCRIPTION AND REQUIREMENTS	COMPLIANCE or PROPOSAL	DEVIATIONS if any	COMMENTS
1. SCOPE OF SUPPLY				
Introduction				
Manufacturer		Reference of the Bidder		
Model		Reference of the Bidder		
Location of manufacturing plant	<del> </del>	Reference of the Bidder		
Number of Spreaders	two (2)	Yes/No		
General Description	Ship- to -Shore Twin Lift Spreader	Reference of the Bidder		
Principal Operating	Electro-hydraulic telescope	Yes/No		
ISO Container Handling	1x20ft, 2x20ft, 1x40ft, 1x45ft	Yes/No		
Lifting Capacity	50tn SWL & Twin Lift: 2x25tn SWL	Yes/No		
Spreader Tare Weight	lin Kgs	103/110		
	1.Twistlock			
	2. Flippers adjustable			
Operational Speeds	3. telescopic 20ft-40ft	proposal		
	4. Telescopic 40ft-45ft			
	5. Center Speed - Commercially available 2 or 4 wire open system included in the signal and power cable.			
Communication	Closed 'black box systems' is not accepted	Yes/No		
	EN 15056 / DIN 15018,			
	Class H2B4, FEM Rergulation:			
Cartifications Design Critoria	Class of Utilization-U6, Spectrum class of	proposal		
Certifications, Design Criteria	loading-Q3, Group classification-A7	proposal		
Options				
Option 1	manually Pump for Emergency Twistlock Operation	Yes/No		
Option 2	Camera System	Yes/No		
Option 3	6 Flippers Upgrade	Yes/No		
Option 4	Flexi Flippers	Yes/No		
Option 5	Shock Absorb (SA)	Yes/No		
2. Main Structure				
Applicable standards and codes				
Applicable standards and codes	CE marking , compliance with Machinery Directive 2006/42/EC or other more applicable.	Yes/No		
		Yes/No		
Applicable standards and codes  Certification	EN 10137-2 S690Q,			
Applicable standards and codes	EN 10137-2 S690Q, EN 10025 S355 J2G3,	Yes/No proposal		
Applicable standards and codes  Certification  Design Criteria	EN 10137-2 S690Q,	proposal		
Applicable standards and codes  Certification  Design Criteria  Lifting Lugs /capacity	EN 10137-2 S690Q, EN 10025 S355 J2G3, EN 10025 S355 JR/S275 JR Eqquipment with suitable lifting lugs the number and each capacity will be filled by the Seller.	proposal proposal		
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Applicable standards and codes  Certification  Design Criteria  Lifting Lugs /capacity  Hydraulic Tank Oil tank capacity  Protect Against Hits, Damages, Rain  Environmental conditions  Temperature  Relative humidity  Max wind speed during operations  Atmosphere  Climate type  Applicable spreader devices  Device when the cable is collected  Overhight latching bracket	EN 10137-2 S690Q, EN 10025 S355 J2G3, EN 10025 S355 J2G3, EN 10025 S355 J2F/S275 JR  Eqquipment with suitable lifting lugs the number and each capacity will be filled by the Seller.  Made in stainless steel (SS316) in Litres  Stainless Steel Hydraulic Tank and Electrical Box Material: EN10137-2 S690Q EN10025 S355J2G3 Secondary details: EN 10025S355JR/ S275 JR  Mediterranean climate:Ranging from -5°C to 40°C (direct sunlight) Ranging from 50 to 100% 24 m/s  Salt laden marine environment with fine sand Mediterranean climate. Exposure to snow (up to 20 cm) and rarely ice during winter months  Aspecial device- basket- should be installed by the Cobtractor in the Spreader so as to protect the cable when ot os collected. The Bidder has to apply about it a fully analytical technical description with the necessary drawing. This devise should be mounted on the spreader with ant-vibration support. The spreader must have overheight latching bracket compatible with overheight frames according to the attached of RFP File 5 and 6.  (')-Flared guide for headblock connection Hand rail brackets	proposal  proposal  Yes/No  Proposal  Yes/No  Yes/No  Yes/No  Yes/No  Yes/No  Yes/No  Yes/No		
Applicable standards and codes  Certification  Design Criteria  Lifting Lugs /capacity  Hydraulic Tank Oil tank capacity  Protect Against Hits, Damages, Rain  Environmental conditions  Temperature Relative humidity  Max wind speed during operations  Atmosphere Climate type  Applicable spreader devices  Device when the cable is collected  Overhight latching bracket  Additional fixtures must be considered	EN 10137-2 5690Q, EN 10025 S355 J2G3, EN 10025 S355 JR/S275 JR  Eqquipment with suitable lifting lugs the number and each capacity will be filled by the Seller.  Made in stainless steel (SS316) in Litres  Stainless Steel Hydraulic Tank and Electrical Box Material: EN10137-2 S690Q EN10025 S355J2G3 Secondary details: EN 10025S355JR/ S275 JR  Mediterranean climate:Ranging from -5°C to 40°C (direct sunlight) Ranging from 50 to 100%  24 m/s  Salt laden marine environment with fine sand  Mediterranean climate. Exposure to snow (up to 20 cm) and rarely ice during winter months  Aspecial device- basket- should be installed by the Cobtractor in the Spreader so as to protect the cable when ot os collected. The Bidder has to apply about it a fully analytical technical description with the necessary drawing. This devise should be mounted on the spreader with ant-vibration support. The spreader must have overheight latching bracket compatible with overheight frames according to the attached of RFP File 5 and 6.  (')-Flared guide for headblock connection -Hand rail brackets -Motor and space heater	proposal  proposal  Yes/No  proposal  Yes/No  Yes/No  Yes/No  Yes/No  Yes/No  Yes/No  Yes/No		
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Applicable standards and codes  Certification  Design Criteria  Lifting Lugs /capacity  Hydraulic Tank Oil tank capacity  Protect Against Hits, Damages, Rain  Environmental conditions  Temperature  Relative humidity  Max wind speed during operations  Atmosphere  Climate type  Applicable spreader devices  Device when the cable is collected  Overhight latching bracket  Additional fixtures must be considered for enabling safe maintenance and	EN 10137-2 \$690Q, EN 10025 \$3355 JZG3, EN 10025 \$3355 JR/\$275 JR  Eqquipment with suitable lifting lugs the number and each capacity will be filled by the Seller.  Made in stainless steel (\$5316) in Litres  Stainless Steel Hydraulic Tank and Electrical Box Material: EN10137-2 \$690Q EN10025 \$355JZG3  Secondary details: EN 10025\$355JR/\$275 JR  Mediterranean climate:Ranging from -5°C to 40°C (direct sunlight)  Ranging from 50 to 100%  24 m/s  Salt laden marine environment with fine sand  Mediterranean climate. Exposure to snow (up to 20 cm) and rarely ice during winter months  Aspecial device- basket- should be installed by the Cobtractor in the Spreader so as to protect the cable when ot os collected.  The Bidder has to apply about it a fully analytical techncial description with the necessary drawing. This devise should be mounted on the spreader with ant-vibration support.  The spreader must have overheight latching bracket compatible with overheight frames according to the attached of RFP File 5 and 6.  (')-Flared guide for headblock connection  Hand rail brackets  -Motor and space heater  -Access ladder  -Low level and high temperature gauges  -Shock damper protection	proposal  proposal  Yes/No  proposal  Yes/No  Yes/No  Yes/No  Yes/No  Yes/No  Yes/No  Yes/No		
Applicable standards and codes  Certification  Design Criteria  Lifting Lugs /capacity  Hydraulic Tank Oil tank capacity  Protect Against Hits, Damages, Rain  Environmental conditions  Temperature Relative humidity  Max wind speed during operations  Atmosphere  Climate type  Applicable spreader devices  Device when the cable is collected  Overhight latching bracket  Additional fixtures must be considered of the enabling safe maintenance and efficient operations:	EN 10137-2 \$690Q, EN 10025 \$3355 JZG3, EN 10025 \$3355 JR/\$275 JR  Eqquipment with suitable lifting lugs the number and each capacity will be filled by the Seller.  Made in stainless steel (\$5316) in Litres  Stainless Steel Hydraulic Tank and Electrical Box Material: EN10137-2 \$690Q EN10025 \$355JZG3  Secondary details: EN 10025\$355JR/\$275 JR  Mediterranean climate:Ranging from -5°C to 40°C (direct sunlight)  Ranging from 50 to 100%  24 m/s  Salt laden marine environment with fine sand  Mediterranean climate. Exposure to snow (up to 20 cm) and rarely ice during winter months  Aspecial device- basket- should be installed by the Cobtractor in the Spreader so as to protect the cable when ot os collected.  The Bidder has to apply about it a fully analytical techncial description with the necessary drawing. This devise should be mounted on the spreader with ant-vibration support.  The spreader must have overheight latching bracket compatible with overheight frames according to the attached of RFP File 5 and 6.  (')-Flared guide for headblock connection  Hand rail brackets  -Motor and space heater  -Access ladder  -Low level and high temperature gauges  -Shock damper protection	proposal  proposal  Yes/No  proposal  Yes/No  Yes/No  Yes/No  Yes/No  Yes/No  Yes/No  Yes/No		
Applicable standards and codes  Certification  Design Criteria  Lifting Lugs /capacity  Hydraulic Tank Oil tank capacity  Protect Against Hits, Damages, Rain  Environmental conditions  Temperature  Relative humidity  Max wind speed during operations  Atmosphere Climate type  Applicable spreader devices  Device when the cable is collected  Overhight latching bracket  Additional fixtures must be considered for enabling safe maintenance and efficient operations:  Requirements	EN 10137-2 S690Q, EN 10025 S355 J2G3, EN 10025 S355 JR/S275 JR  Eqquipment with suitable lifting lugs the number and each capacity will be filled by the Seller.  Made in stainless steel (SS316) in Litres  Stainless Steel Hydraulic Tank and Electrical Box Material: EN10137-2 S690Q EN10025 S355J2G3  Secondary details: EN 10025S355JR / S275 JR  Mediterranean climate:Ranging from -5°C to 40°C (direct sunlight) Ranging from 50 to 100%  24 m/s  Salt laden marine environment with fine sand  Mediterranean climate. Exposure to snow (up to 20 cm) and rarely ice during winter months  Aspecial device- basket- should be installed by the Cobtractor in the Spreader so as to protect the cable when ot os collected.  The Bidder has to apply about it a fully analytical techncial description with the necessary drawing.  This devise should be mounted on the spreader with ant-vibration support.  The spreader must have overheight latching bracket compatible with overheight frames according to the attached of RFP File 5 and 6.  (')-Flared guide for headblock connection  Hand rail brackets  Motor and space heater  -Access ladder  -Low level and high temperature gauges  -Shock damper protection  -Dummy socket for headblock connection	proposal  yes/No  Yes/No		
Applicable standards and codes  Certification  Design Criteria  Lifting Lugs /capacity  Hydraulic Tank Oil tank capacity  Protect Against Hits, Damages, Rain  Environmental conditions  Temperature  Relative humidity  Max wind speed during operations  Atmosphere  Climate type  Applicable spreader devices  Device when the cable is collected  Overhight latching bracket  Additional fixtures must be considered for enabling safe maintenance and efficient operations:  Requirements  Number of Twistlocks	EN 10137-2 S690Q, EN 10025 S355 JR/S275 JR Eqquipment with suitable lifting lugs the number and each capacity will be filled by the Seller.  Made in stainless steel (SS316) In Litres Stainless Steel Hydraulic Tank and Electrical Box Material: EN10137-2 S690Q EN10025 S355J2G3 Secondary details: EN 10025S355JR/ S275 JR  Mediterranean climate:Ranging from -5°C to 40°C (direct sunlight) Ranging from 50 to 100% 24 m/s  Salt laden marine environment with fine sand Mediterranean climate. Exposure to snow (up to 20 cm) and rarely ice during winter months  Aspecial device- basket- should be installed by the Cobtractor in the Spreader so as to protect the cable when ot os collected. The Bidder has to apply about it a fully analytical technical description with the necessary drawing. This devise should be mounted on the spreader with ant-vibration support. The spreader must have overheight latching bracket compatible with overheight frames according to the attached of RFP File 5 and 6.  (')-Flared guide for headblock connection Hand rail brackets -Motor and space heater -Access ladder -Low level and high temperature gauges -Shock damper protection -Dummy socket for headblock connection	proposal  yes/No		

Selection of the contract of t				
The Application Process War 2   Service of Michael and Michael and to prevent operations processes  War 2   Service of Michael and Michael	90 rotation time	<= 1 second		
The Application Process War 2   Service of Michael and Michael and to prevent operations processes  War 2   Service of Michael and Michael	Speed up and down			 
Selection of the control Medical districts in prevent acceleration with the provision of th	Max. hydraulic Pressure	<u></u>		 
Services of the control of the contr			Ves/No	 
Section   Procedure of Workshop   Procedure of Works		·		 
United to the control of the control		ļ		 
The control of the co		l	165/110	 
Service Control Contro	Safety 4	billocking power of the twistlocks is execedight the locking power by at least 40%.		
Section 1	safety 5	The twistlocks shall not unlock if the container has been lifted	Yes/No	 
Service of Control of		Extention/retraction is only possible with twistlocks unlocked and spreader not landed.		 
Salety 7 in the of employee, the fine file of the scored manually study of	Sarety 6 		Yes/No	
Influence (§ 190.  Influence country type) (190.  See Service Coun	Safety 7	In case of emergency, the drive link of twistlock can be rotated manually.	Yes/No	
Netherland (Continue)	Safety 8	The twistlocks should be able to operate for at least 200.000 moves.	Yes/No	
gas accessed that two 2019 as settlines.  Full control for plant Processor Settlines.  So the Control for plant Processor Settlines.  So the Control for plant Processor Settlines.  So the Control for plant Processor Settlines.  Note: Included control for plant Processor Settlines.  So the Control for plant Processor Settlines.  A statistic control for plant Settlines.  B sta	Indicator lights	LED Indicator Lights : Red: Unlocked, Green: Locked, White: Landed	Yes/No	
Secondary for face and recreating the control of th	Twistlocks rotation time (90°)	in Seconds	proposal	
Treated contrary  Freshold contr	gan between the two 20ft containers	adjusted gap from 0 tomm	nronosal	
Transport Country  Spreader Lessabors Counter shall be provided  Provided Country  Requirements  In IX  Provided Country  IN IX  Requirements  IN IX  Provided Country  IN IX  IX desired technical data  IX desired files paidure  IX desired f			ргорози	 
Number Control   proposal		in mm	proposal	
Requirements  Requirements  For a second control of the control of		Caranday turistlask sountay shall be avoided	nranacal	
Requirements  Note Reduction System  In State  A Executed System  A Ex	Twistlock counter	spreader twistlock counter shall be provided	proposai	
Requirements  Note Reduction System  In State  A Control Register Control  A				
Trick Absorbed   In Section   I				
Type of System	Requirements			
Inpet of System   Security   Secu	Shock Absorbing	in %	proposal	
Attached Files about 2  2. Instructional connectoration 3. Selective or servings 4. Animatics of the applied methods over others.  4. Integration 1  4. Integration 1  4. Integration 1  4. Integration 1  5. Integration 2  5. Integration 1  5. Inte	Noise Reduction System	in dBA	proposal	
At Flagoes  At Flagoes  At Flagoes  At Flagoes	Type of System	Mechanical, hydraulicor either type	proposal	
A security place of the applied methods over others.  6. Filippers  Requirements    Control Trippers				
4 A Rippors Requirements Requirements Requirements Forge of each Ripport Florator Time at least \$000Mer/s process Forge of each Ripport Florator Time at least \$000Mer/s process Forge of each Ripport Florator Time at least \$000Mer/s process Forge of each Ripport Florator Time at least \$000Mer/s process Forge of each Ripport Florator Time at least \$000Mer/s process Forge of each Ripport Florator Time at least \$000Mer/s process Forge of each Ripport Florator Time at least \$000Mer/s process Forge of each Ripport Florator Time at least \$000Mer/s process Forge of each Ripport Florator Time at least \$000Mer/s process Forge of each Ripport Florator Time at least \$000Mer/s process Forge of each Ripport Florator Time at least \$000Mer/s process Forge of each Ripport Florator Time at least \$000Mer/s process Forge of each Ripport Florator Time at least \$000Mer/s process Forge of each Ripport Florator Time at least \$000Mer/s process Forge of each Ripport Florator Time at least \$000Mer/s process Forge of each Ripport Florator Time at least \$000Mer/s process Forge of each Ripport Florator Time at least \$000Mer/s process Forge of each Ripport Florator Time At least \$000Mer/s process Forge of each Ripport Florator Time At least \$000Mer/s process Forge of each Ripport Florator Time At least \$000Mer/s process Forge of each Ripport Florator Time At least \$000Mer/s process Forge of each Ripport Florator Time At least \$000Mer/s process Forge of each Ripport Florator Time At least \$000Mer/s process Forge of each Ripport Florator Time At least \$000Mer/s process Forge of each Ripport Florator Time At least \$000Mer/s process Forge of each Ripport Florator Time At least \$000Mer/s process Forge of each Ripport Florator Time Florator Time At least \$000Mer/s process Forge of each Ripport Florator Time At least \$000Mer/s process Forge of each Ripport Florator Time At least \$000Mer/s process Forge of each Ripport Florator Time At least \$000Mer/s process Forge of each Ripport Florator Time At least \$000Mer/s process Forge of each Florator Time	attached Files about :		proposal	
A Players Required 15   Survival A Player Pl			h. ahaasi	
Requirements  Number of Filipers  Force(F), two(F) in two(F) in the land side or the water side.  Yes/No  Collection Detance of the Container  In min  Proposal  Collection Detance of the Container  In seconds  Proposal  Collection Detance of the Container  In seconds  Proposal  Collection Detance of the Container  In seconds  Communication  Communication  Communication  Communication  Communication  Communication  Control from Collection  Proposal  Control from Collection  Control from Collection  Proposal  Control from Collection  Proposal  Control from Collection  Control from Collection  Proposal  Control from Collection  Control from Collection  Control from Collection  Proposal  Control from Collection  Collection  Control from Collection  Collection  Con		4. advantages of the applied methods over others.		
Requirements  Number of Filipers  Force(F), two(F) in two(F) in the land side or the water side.  Yes/No  Collection Detance of the Container  In min  Proposal  Collection Detance of the Container  In seconds  Proposal  Collection Detance of the Container  In seconds  Proposal  Collection Detance of the Container  In seconds  Communication  Communication  Communication  Communication  Communication  Communication  Control from Collection  Proposal  Control from Collection  Control from Collection  Proposal  Control from Collection  Proposal  Control from Collection  Control from Collection  Proposal  Control from Collection  Control from Collection  Control from Collection  Proposal  Control from Collection  Collection  Control from Collection  Collection  Con				
Number of Rippers   Fortigo of Seath Rippers   Fortigo the Seath Seath Seath Rippers   Fortigo of Seat				
Author of Pilippers   March   Proposal	Requirements			
Torque of each Filipper / Rotation Time at least \$0000m/s proposal	Number of Flippers	four(4), two(2) on the land side or the water side.	Yes/No	
Collection Distance of the Container in mm				 
Safety Protection System from impact load exists proposal	Torque of each Flipper/ Rotation Time	at least 5000Nm/s	proposal	
Safety Protection System from impact load exists proposal	Collection Distance of the Container	in mm		 
Unting Lovering time (0.180°) In seconds projected of the air the fippers with a single button very five some state of the spossible to lift all the fippers with a single button very five some state of the spossible to lift all the fippers with a single button very five some state of the spossible to lift all the fippers with a single button very five state of the spossible to lift all the fippers with a single button very five state of the spossible to lift all the fippers with a single button very five state of the spossible to lift all the fippers with a single button very five state of the spossible to lift all the fippers with a single button very five state of the spossible			proposal	
Selectrical System - Automation - Selectrical System	Safety	Protection System from impact load exists	proposal	
Single button lift   If it is possible to lift all the flippers with a single button   Yes/No    Single button lift   If it is possible to lift all the flippers with a single button   Yes/No    Senter products	Lifting-Lowering time (0-180°)	in seconds	proposal	
Selectrical System - Automation- Solety Devices  Bectrical Systems Communication Can Open Communication Control from Crane Directly Som PLC Control or Select Routed cables Developed Selectrical Systems Control from Crane Directly Som PLC Control or Select Routed cables Developed Selectrical Systems Control or Selectrical Selectr				
Electrical Systems		If it is possible to lift all the flippers with a single button		 
Electrical Systems		If it is possible to lift all the flippers with a single button		
Communication Canno Canno Directly form PLC Control from Crane Directly form PLC Control from Crane Directly form PLC  Routed ables Power cables routed so that they are protected against hits proposal HIS Height Indication System Yes/No TITIOS Twin Twenty Container Detection System Yes/No ODS Twin Twenty Container Detection System Yes/No ODS The Bidder has to apply all the technical analytical information about the system which should be of the closed - industrial type robust and vibration -resistant -needs the relevant certification Specific diagnostic spreader application Remote diagnostic of the source of the faults in case of speader downtime occurs  Specific diagnostic spreader application Remote diagnostic of the source of the faults in case of speader downtime occurs  Ves/No proposal Local Functions Speader ID Information Spreader ID Information Spreader of Information should be provided to Crane Ves/No Safety Device about the Central Cable Anti-Vibration Supports  Ves/No Votage In NVIs Votage In NVIs Votage In NVIs Votage In NVIs Ves/No Votage Auto Greasing System Ves/No Automation  Freesing Auto Greasing System Ves/No Proposal  Automation  Fereing Auto Greasing System Ves/No Remaining Components IP 95 Remaining Components IP 95 Remaining Components IP 95 Remaining Components IP 95 Institute PLC closed-industrial type and vibration resistant Ves/No Pariting and corrosion protection		If it is possible to lift all the flippers with a single button		
Control from Crane Control on Spreader Control Con	Single button lift	If it is possible to lift all the flippers with a single button		
Control on Spreader Routed cables Power cables routed so that they are protected against hits proposal HIS Height Indication System Yes/No TIDS Twin Ywenty Container Detection System Yes/No TIDS Twin Ywenty Container Detection System Yes/No TIDS The Bidder has to apply all the technical analytical information about the system which should be of the closed - industrial type robust and wibration resistant -needs the relevant certification Specific diagnostic spreader application Remote diagnosis of the source of the faults in case of speader downtime occurs Yes/No proposal Led Lights LED Indicating Lights Yes/No Spreader ID Information Spreader in Information should be provided to Crane Yes/No Spreader ID Information Spreader ID Information should be provided to Crane Yes/No Spreader ID Information Spreader ID Information Supports Yes/No Spreader ID Information Spreader ID In	Single button lift  5. Electrical System - Automation -	If it is possible to lift all the flippers with a single button		
Routed cables   Power cables routed so that they are protected against hits   Yes/No	5. Electrical System - Automation - Safety Devices Electrical Systems		Yes/No	
Routed cables   Power cables routed so that they are protected against hits   Yes/No	5. Electrical System - Automation - Safety Devices Electrical Systems Communication	Can Open Communication	Yes/No	
HIS Height Indication System Yes/No Yes/No Yes/No ODS Twin Twenty Container Detection System Yes/No Yes/No ODS OnBoard Diagnostic Screen The Bidder has to apply all the technical analytical information about the system which should be of the closed - industrial type robust and wibration -resistant -needs the relevant certification Pessific diagnostic spreader application Remote diagnosts of the source of the faults in case of speader downtime occurs Yes/No/ proposal Led Lights Led Lights Led Lights Yes/No Local Functions Twistlock and Telescope operate locally on spreader Yes/No Spreader ID information Spreader ID informat	5. Electrical System - Automation - Safety Devices Electrical Systems Communication Control from Crane	Can Open Communication	Yes/No	
TIDS TWIN TVENTY CONTAINER DETECTION System Ves/No ODBART Diagnostic Screen. The Bidder has to apply all the technical analytical information about the system which should be of the closed - industrial type robust and vibration - resistant - needs the relevant certification of the foliation of the source of the faults in case of speader downtime occurs ves/No/ proposal Led Lights Led Lights Led Lights Led Lights Led Lights Twistock and Telescope oparate locally on spreader Yes/No Spreader Dinformation Short Dinformation should be provided to Crane Yes/No Spreader Dinformation Short Dinformation should be provided to Crane Yes/No Spreader Dinformation Short Dinformation should be provided to Crane Yes/No No Spreader Dinformation Short Dinformati	5. Electrical System - Automation - Safety Devices Electrical Systems Communication Control from Crane Control on Spreader	Can Open Communication  Directly form PLC  Power cables routed so that they are protected against hits	Yes/No proposal	
ODS  The Bidder has to apply all the technical analytical information about the system which should be of the closed - industrial type robust and vibration -resistant -needs the relevant certification be of the closed - industrial type robust and vibration and vibration -resistant -needs the relevant certification be of the closed - industrial type and vibration resistant -needs the relevant certification be of the closed - industrial type and vibration resistant -needs the relevant certification be of the closed o	5. Electrical System - Automation - Safety Devices Electrical Systems Communication Control from Crane	Can Open Communication Directly form PLC Power cables routed so that they are protected against hits	proposal proposal	
DDS he Bidder has to apply all the technical analytical information about the system which should be of the closed - industrial type robust and vibration -resistant -needs the relevant certification.  Specific diagnostic spreader application   Remote diagnosis of the source of the faults in case of speader downtline occurs   Yes/No/ proposal   Led Lights   LED Indicating Lights   Yes/No     Local Functions   Twistock and Telescope oparate locally on spreader   Yes/No     Spreader ID information   Spreader ID information should be provided to Crane   Yes/No     Safety Device about the Central Cable   Anti-Vibration Supports   Yes/No     Voltage   In Volts   Proposal   Proposal   Yes/No     Voltage   In Volts   Proposal   Proposal   Institute   Proposal   Proposal   Institute   Prop	5. Electrical System - Automation - Safety Devices Electrical Systems Communication Control from Crane Control on Spreader Routed cables HIS	Can Open Communication  Directly form PLC  Power cables routed so that they are protected against hits  Height Indication System	proposal proposal Yes/No	
Specific diagnostic spreader application  Remote diagnosis of the source of the faults in case of speader downtime occurs  Ves/No/ proposal  Led Lights  Led Lights  Led Lights  Led Lights  Led Lights  Lear I micros  Twistlock and Telescope oparate locally on spreader  Ves/No  Spreader ID information  Spreader ID information  Spreader ID information should be provided to Crane  Ves/No  Safety Device about the Central Cable  Anti-Vibration Supports  Yes/No  Voltage  In Volts  Proposal  X1 Cabinet  Should be facing outsde so it is easily maintenaced  proposal  Automation  Greasing  Auto Greasing System  Yes/No  Musulation  Electrical Motors  IP 56  Proposal  PF 67  Remaining Components  IP 65 minimum  PLC  PLC closed-industrial type and vibration resistant  Yes/No  Painting and corrosion protection	5. Electrical System - Automation - Safety Devices Electrical Systems Communication Control from Crane Control on Spreader Routed cables HIS	Can Open Communication Directly form PLC  Power cables routed so that they are protected against hits Height Indication System Twin Twenty Container Detection System	proposal proposal Yes/No	
Specific diagnostic spreader application   Yes/No   Yes/No	5. Electrical System - Automation - Safety Devices Electrical Systems Communication Control from Crane Control on Spreader Routed cables HIS TTDS	Can Open Communication  Directly form PLC  Power cables routed so that they are protected against hits  Height Indication System  Twin Twenty Container Detection System  OnBoard Diagnostic Screen .  The Bidder has to apply all the techncial analytical information about the system which should	proposal proposal Yes/No Yes/No	
Specific diagnostic spreader application   Yes/No   Yes/No	5. Electrical System - Automation - Safety Devices Electrical Systems Communication Control from Crane Control on Spreader Routed cables HIS	Can Open Communication  Directly form PLC  Power cables routed so that they are protected against hits  Height Indication System  Twin Twenty Container Detection System  OnBoard Diagnostic Screen .  The Bidder has to apply all the techncial analytical information about the system which should	proposal proposal Yes/No Yes/No	
Local Functions  Twistlock and Telescope oparate locally on spreader  Spreader ID Information  Spreader ID Information  Spreader ID Information  Spreader ID Information Supports  Anti-Vibration Supports  Ves/No  Voltage  In Volts  Power consumption  In KW  Power consumption  In KW  In Volts  In	5. Electrical System - Automation - Safety Devices Electrical Systems Communication Control from Crane Control on Spreader Routed cables HIS TTDS ODS	Can Open Communication  Directly form PLC  Power cables routed so that they are protected against hits  Height Indication System  Twin Twenty Container Detection System  OnBoard Diagnostic Screen .  The Bidder has to apply all the techncial analytical information about the system which should be of the closed - industrial type robust and vibration -resistant -needs the relevant certification-	proposal proposal Yes/No Yes/No	
Local Functions  Twistlock and Telescope oparate locally on spreader  Spreader ID Information  Spreader ID Information  Spreader ID Information  Spreader ID Information Supports  Anti-Vibration Supports  Ves/No  Voltage  In Volts  Power consumption  In KW  Power consumption  In KW  In Volts  In	5. Electrical System - Automation - Safety Devices Electrical Systems Communication Control from Crane Control on Spreader Routed cables HIS TTDS	Can Open Communication  Directly form PLC  Power cables routed so that they are protected against hits  Height Indication System  Twin Twenty Container Detection System  OnBoard Diagnostic Screen .  The Bidder has to apply all the techncial analytical information about the system which should be of the closed - industrial type robust and vibration -resistant -needs the relevant certification-	proposal proposal Yes/No Yes/No Yes/No	
Spreader ID information Spreader ID information should be provided to Crane Yes/No Safety Device about the Central Cable Anti-Vibration Supports Yes/No Proposal Prower consumption In KW proposal Prower consumption In KW proposal	5. Electrical System - Automation - Safety Devices Electrical Systems Communication Control from Crane Control on Spreader Routed cables HIS TTDS  ODS  Specific diagnostic spreader application	Can Open Communication  Directly form PLC  Power cables routed so that they are protected against hits  Height Indication System  Twin Twenty Container Detection System  OnBoard Diagnostic Screen .  The Bidder has to apply all the techncial analytical information about the system which should be of the closed - industrial type robust and vibration -resistant -needs the relevant certification-  Remote diagnosis of the source of the faults in case of speader downtime occurs	proposal proposal Yes/No Yes/No Yes/No Yes/No	
Safety Device about the Central Cable  Anti-Vibration Supports  Yes/No  Voltage  In Volts  Power consumption  In KW  Should be facing outsde so it is easily maintenaced  Automation  Greasing  Auto Greasing System  Yes/No  Insulation  Electrical Motors  Electrical Boxes  IP 56  Sensors and Led indication lights  Pending Components  IP 67  Remaining Components  IP 65 minimum  PLC  PLC closed-industrial type and vibration resistant  Yes/No  Ves/No  Ves/No  Painting and corrosion protection	Single button lift  5. Electrical System - Automation - Safety Devices Electrical Systems Communication Control from Crane Control on Spreader Routed cables HIS TTDS  ODS  Specific diagnostic spreader application Led Lights	Can Open Communication  Directly form PLC  Power cables routed so that they are protected against hits  Height Indication System  Twin Twenty Container Detection System  OnBoard Diagnostic Screen .  The Bidder has to apply all the techncial analytical information about the system which should be of the closed - industrial type robust and vibration -resistant -needs the relevant certification-Remote diagnosis of the source of the faults in case of speader downtime occurs	proposal  proposal  yes/No  Yes/No  Yes/No  Yes/No  Yes/No  Yes/No/  Yes/No/  Yes/No	
Voltage in Voltage in Volts proposal pr	5. Electrical System - Automation - Safety Devices Electrical Systems Communication Control from Crane Control on Spreader Routed cables HIS TTDS  ODS  Specific diagnostic spreader application Led Lights Local Functions	Can Open Communication Directly form PLC  Power cables routed so that they are protected against hits Height Indication System Twin Twenty Container Detection System OnBoard Diagnostic Screen . The Bidder has to apply all the technical analytical information about the system which should be of the closed - industrial type robust and vibration -resistant -needs the relevant certification-Remote diagnosis of the source of the faults in case of speader downtime occurs  LED Indicating Lights Twistlock and Telescope oparate locally on spreader	proposal  proposal  yes/No  Yes/No  Yes/No  Yes/No  Yes/No  Yes/No  Yes/No  Yes/No  Yes/No	
Power consumption in KW proposal propos	Single button lift  5. Electrical System - Automation - Safety Devices Electrical Systems Communication Control from Crane Control on Spreader Routed cables HIS TTDS  ODS  Specific diagnostic spreader application Led Lights Local Functions Spreader ID information	Can Open Communication Directly form PLC  Power cables routed so that they are protected against hits Height Indication System Twin Twenty Container Detection System OnBoard Diagnostic Screen . The Bidder has to apply all the techncial analytical information about the system which should be of the closed - industrial type robust and vibration -resistant -needs the relevant certification-Remote diagnosis of the source of the faults in case of speader downtime occurs  LED Indicating Lights Twistlock and Telescope oparate locally on spreader Spreader ID information should be provided to Crane	proposal  proposal  yes/No	
XI Cabinet should be facing outsde so it is easily maintenaced proposal  Automation Greasing Auto Greasing System Yes/No Insulation Electrical Motors IP 56 proposal Electrical Boxes IP 66 proposal Sensors and Led indication lights IP 67 Remaining Components IP 65 minimum PLC PLC closed-industrial type and vibration resistant Yes/No  Painting and corrosion protection	5. Electrical System - Automation - Safety Devices Electrical Systems Communication Control from Crane Control on Spreader Routed cables HIS TTDS  ODS  Specific diagnostic spreader application Led Lights Local Functions	Can Open Communication  Directly form PLC  Power cables routed so that they are protected against hits  Height Indication System  Twin Twenty Container Detection System  OnBoard Diagnostic Screen .  The Bidder has to apply all the techncial analytical information about the system which should be of the closed - industrial type robust and vibration -resistant -needs the relevant certification-Remote diagnosis of the source of the faults in case of speader downtime occurs  LED Indicating Lights  Twistlock and Telescope oparate locally on spreader  Spreader ID information should be provided to Crane  Anti-Vibration Supports	proposal  proposal  yes/No	
Automation Greasing Auto Greasing System Yes/No Insulation Electrical Motors IP 56 Electrical Boxes IP 66 Froposal Sensors and Led indication lights Remaining Components IP 65 PLC closed-industrial type and vibration resistant Painting and corrosion protection  Painting and corrosion protection	Single button lift  5. Electrical System - Automation - Safety Devices  Electrical Systems  Communication  Control from Crane  Control on Spreader  Routed cables  HIS  TTDS  ODS  Specific diagnostic spreader application  Led Lights  Local Functions  Spreader ID information  Safety Device about the Central Cable	Can Open Communication  Directly form PLC  Power cables routed so that they are protected against hits  Height Indication System  Twin Twenty Container Detection System  OnBoard Diagnostic Screen .  The Bidder has to apply all the techncial analytical information about the system which should be of the closed - industrial type robust and vibration -resistant -needs the relevant certification-Remote diagnosis of the source of the faults in case of speader downtime occurs  LED Indicating Lights  Twistlock and Telescope oparate locally on spreader  Spreader ID information should be provided to Crane  Anti-Vibration Supports	proposal  proposal  yes/No	
Automation Greasing Auto Greasing System  IP 56 Electrical Motors Electrical Boxes Froposal F	Single button lift  5. Electrical System - Automation - Safety Devices  Electrical Systems  Communication  Control from Crane  Control on Spreader  Routed cables  HIS  TTDS  ODS  Specific diagnostic spreader application  Led Lights  Local Functions  Spreader ID information  Safety Device about the Central Cable	Can Open Communication Directly form PLC  Power cables routed so that they are protected against hits Height Indication System Twin Twenty Container Detection System OnBoard Diagnostic Screen . The Bidder has to apply all the techncial analytical information about the system which should be of the closed - industrial type robust and vibration -resistant -needs the relevant certification-Remote diagnosis of the source of the faults in case of speader downtime occurs  LED Indicating Lights Twistlock and Telescope oparate locally on spreader Spreader ID information should be provided to Crane Anti-Vibration Supports in Volts	proposal  proposal  yes/No	
Greasing Auto Greasing System Yes/No  Insulation Electrical Motors Electrical Boxes IP 66 IP 67 Sensors and Led indication lights Remaining Components IP 65 minimum PLC Painting and corrosion protection  Yes/No  Yes/No  Painting and corrosion protection	Single button lift  5. Electrical System - Automation - Safety Devices  Electrical Systems  Communication  Control from Crane  Control on Spreader  Routed cables  HIS  TTDS  ODS  Specific diagnostic spreader application  Led Lights  Local Functions  Spreader ID information  Safety Device about the Central Cable  Voltage	Can Open Communication Directly form PLC  Power cables routed so that they are protected against hits Height Indication System Twin Twenty Container Detection System OnBoard Diagnostic Screen . The Bidder has to apply all the techncial analytical information about the system which should be of the closed - industrial type robust and vibration -resistant -needs the relevant certification-Remote diagnosis of the source of the faults in case of speader downtime occurs  LED Indicating Lights Twistlock and Telescope oparate locally on spreader Spreader ID information should be provided to Crane Anti-Vibration Supports in Volts in KW	proposal  proposal  yes/No  proposal  proposal  proposal	
Insulation Electrical Motors IP 56 IP 66 IP 67 Sensors and Led indication lights IP 67 Remaining Components PLC Painting and corrosion protection IP 65 minimum PLC PLC losed-industrial type and vibration resistant Painting and corrosion protection IP 66 Proposal Pr	Single button lift  5. Electrical System - Automation - Safety Devices  Electrical Systems  Communication  Control from Crane  Control on Spreader  Routed cables  HIS  TTDS  ODS  Specific diagnostic spreader application  Led Lights  Local Functions  Spreader ID information  Safety Device about the Central Cable  Voltage  Power consumption	Can Open Communication Directly form PLC  Power cables routed so that they are protected against hits Height Indication System Twin Twenty Container Detection System OnBoard Diagnostic Screen . The Bidder has to apply all the techncial analytical information about the system which should be of the closed - industrial type robust and vibration -resistant -needs the relevant certification-Remote diagnosis of the source of the faults in case of speader downtime occurs  LED Indicating Lights Twistlock and Telescope oparate locally on spreader Spreader ID information should be provided to Crane Anti-Vibration Supports in Volts in KW	proposal  proposal  yes/No  proposal  proposal  proposal	
Electrical Motors   P 56   proposal   Electrical Boxes   P 66   proposal   Electrical Boxes   P 67   Electrical Boxes   P 67   Electrical Boxes   P 67   Electrical Boxes   P 67   Electrical Boxes   P 68   Electrical Boxes   P 69   Electrical Boxes   P 60   Electrical Boxes   P	Single button lift  5. Electrical System - Automation - Safety Devices  Electrical Systems  Communication  Control from Crane  Control on Spreader  Routed cables  HIS  TTDS  ODS  Specific diagnostic spreader application  Led Lights  Local Functions  Spreader ID information  Safety Device about the Central Cable  Voltage  Power consumption  X1 Cabinet	Can Open Communication Directly form PLC  Power cables routed so that they are protected against hits Height Indication System Twin Twenty Container Detection System OnBoard Diagnostic Screen . The Bidder has to apply all the techncial analytical information about the system which should be of the closed - industrial type robust and vibration -resistant -needs the relevant certification-Remote diagnosis of the source of the faults in case of speader downtime occurs  LED Indicating Lights Twistlock and Telescope oparate locally on spreader Spreader ID information should be provided to Crane Anti-Vibration Supports in Volts in KW should be facing outsde so it is easily maintenaced	proposal  proposal  yes/No  Yes/No  Yes/No  Yes/No  Yes/No  Yes/No  Yes/No  Yes/No  Yes/No  proposal  proposal  proposal  proposal  proposal  proposal	
Electrical Boxes IP 66 proposal Sensors and Led indication lights IP 67 Sensors and Led indication lights IP 65 minimum  PLC PLC closed-industrial type and vibration resistant Yes/No  Painting and corrosion protection protection protection protection proposal proposal sensor proposal s	Single button lift  5. Electrical System - Automation - Safety Devices  Electrical Systems  Communication  Control from Crane  Control on Spreader  Routed cables  HIS  TTDS  ODS  Specific diagnostic spreader application  Led Lights  Local Functions  Spreader ID information  Safety Device about the Central Cable  Voltage  Power consumption  X1 Cabinet  Automation  Greasing	Can Open Communication Directly form PLC  Power cables routed so that they are protected against hits Height Indication System Twin Twenty Container Detection System OnBoard Diagnostic Screen . The Bidder has to apply all the techncial analytical information about the system which should be of the closed - industrial type robust and vibration -resistant -needs the relevant certification-Remote diagnosis of the source of the faults in case of speader downtime occurs  LED Indicating Lights Twistlock and Telescope oparate locally on spreader Spreader ID information should be provided to Crane Anti-Vibration Supports in Volts in KW should be facing outsde so it is easily maintenaced	proposal  proposal  yes/No  Yes/No  Yes/No  Yes/No  Yes/No  Yes/No  Yes/No  Yes/No  Yes/No  proposal  proposal  proposal  proposal  proposal  proposal	
Sensors and Led indication lights  Remaining Components  IP 67  Remaining Components  PLC closed-industrial type and vibration resistant  Pes/No  Painting and corrosion protection	Single button lift  5. Electrical System - Automation - Safety Devices  Electrical Systems  Communication  Control from Crane  Control on Spreader  Routed cables  HIS  TTDS  ODS  Specific diagnostic spreader application  Led Lights  Local Functions  Spreader ID information  Safety Device about the Central Cable  Voltage  Power consumption  X1 Cabinet  Automation  Greasing  Insulation	Can Open Communication Directly form PLC  Power cables routed so that they are protected against hits Height Indication System Twin Twenty Container Detection System OnBoard Diagnostic Screen . The Bidder has to apply all the techncial analytical information about the system which should be of the closed - industrial type robust and vibration -resistant -needs the relevant certification- Remote diagnosis of the source of the faults in case of speader downtime occurs  LED Indicating Lights Twistlock and Telescope oparate locally on spreader Spreader ID information should be provided to Crane Anti-Vibration Supports in Volts in KW should be facing outsde so it is easily maintenaced  Auto Greasing System	proposal  proposal  yes/No  Proposal  proposal  proposal  proposal	
Remaining Components IP 65 minimum PLC PLC closed-industrial type and vibration resistant Yes/No  Painting and corrosion protection	Single button lift  5. Electrical System - Automation - Safety Devices  Electrical Systems  Communication  Control from Crane  Control on Spreader  Routed cables  HIS  TTDS  ODS  Specific diagnostic spreader application  Led Lights  Local Functions  Spreader ID information  Safety Device about the Central Cable  Voltage  Power consumption  X1 Cabinet  Automation  Greasing  Insulation  Electrical Motors	Can Open Communication Directly form PLC  Power cables routed so that they are protected against hits Height Indication System Twin Twenty Container Detection System OnBoard Diagnostic Screen The Bidder has to apply all the techncial analytical information about the system which should be of the closed - industrial type robust and vibration -resistant -needs the relevant certification- Remote diagnosis of the source of the faults in case of speader downtime occurs  LED Indicating Lights Twistlock and Telescope oparate locally on spreader Spreader ID information should be provided to Crane Anti-Vibration Supports in Volts in KW should be facing outsde so it is easily maintenaced  Auto Greasing System	proposal  proposal  yes/No  Proposal  proposal  proposal  proposal	
PLC closed-industrial type and vibration resistant  Painting and corrosion protection	Single button lift  5. Electrical System - Automation - Safety Devices  Electrical Systems  Communication  Control from Crane  Control on Spreader  Routed cables  HIS  TTDS  ODS  Specific diagnostic spreader application  Led Lights  Local Functions  Spreader ID information  Safety Device about the Central Cable  Voltage  Power consumption  X1 Cabinet  Automation  Greasing  Insulation  Electrical Motors  Electrical Boxes	Can Open Communication  Directly form PLC  Power cables routed so that they are protected against hits  Height Indication System  Twin Twenty Container Detection System  OnBoard Diagnostic Screen .  The Bidder has to apply all the techncial analytical information about the system which should be of the closed - industrial type robust and vibration -resistant -needs the relevant certification-  Remote diagnosis of the source of the faults in case of speader downtime occurs  LED Indicating Lights  Twistlock and Telescope oparate locally on spreader  Spreader ID information should be provided to Crane  Anti-Vibration Supports  in Volts  in KW  should be facing outsde so it is easily maintenaced  Auto Greasing System  IP 56  IP 66	proposal  proposal  yes/No  Proposal  proposal  proposal  proposal	
Painting and corrosion protection	Single button lift  5. Electrical System - Automation - Safety Devices  Electrical Systems  Communication  Control from Crane  Control on Spreader  Routed cables  HIS  TTDS  ODS  Specific diagnostic spreader application  Led Lights  Local Functions  Spreader ID information  Safety Device about the Central Cable  Voltage  Power consumption  X1 Cabinet  Automation  Greasing  Insulation  Electrical Motors	Can Open Communication  Directly form PLC  Power cables routed so that they are protected against hits  Height Indication System  Twin Twenty Container Detection System  OnBoard Diagnostic Screen .  The Bidder has to apply all the techncial analytical information about the system which should be of the closed - industrial type robust and vibration -resistant -needs the relevant certification-  Remote diagnosis of the source of the faults in case of speader downtime occurs  LED Indicating Lights  Twistlock and Telescope oparate locally on spreader  Spreader ID information should be provided to Crane  Anti-Vibration Supports  in Volts  in KW  should be facing outsde so it is easily maintenaced  Auto Greasing System  IP 56  IP 66	proposal  proposal  yes/No  proposal  proposal  proposal  proposal  proposal	
Painting and corrosion protection	Single button lift  5. Electrical System - Automation - Safety Devices  Electrical Systems  Communication  Control from Crane  Control on Spreader  Routed cables  HIS  TTDS  ODS  Specific diagnostic spreader application  Led Lights  Local Functions  Spreader ID information  Safety Device about the Central Cable  Voltage  Power consumption  X1 Cabinet  Automation  Greasing  Insulation  Electrical Motors  Electrical Boxes	Can Open Communication  Directly form PLC  Power cables routed so that they are protected against hits  Height Indication System  Twin Twenty Container Detection System  OnBoard Diagnostic Screen .  The Bidder has to apply all the techncial analytical information about the system which should be of the closed - industrial type robust and vibration -resistant -needs the relevant certification-  Remote diagnosis of the source of the faults in case of speader downtime occurs  LED Indicating Lights  Twistlock and Telescope oparate locally on spreader  Spreader ID information should be provided to Crane  Anti-Vibration Supports  in Volts  in KW  should be facing outsde so it is easily maintenaced  Auto Greasing System  IP 56  IP 66	proposal  proposal  yes/No  proposal  proposal  proposal  proposal  proposal	
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	Sandblasted SA 2 <sup>1/2</sup> or newer according to Swedish Standards 055900	Yes/No		
	All exterior surface coatings shall be of a high durability (>10 years), protective two-component EPOXY LINK RICH PRIMER	Yes/No		
	Final thickness at least 210mm	Yes/No		
Logos and Nameplates				
	Buyer's name and logo, to be validated during design review	Yes/No		
L	·i		L	
	Manufacturer's name and date of manufacture			
	Manufacturer's name and date of manufacture  A plate showing main specifications will be installed at a notable location of the frame			

7. DOCUMENTATION			
Technical Documents			
	All documentation shall be provided in hard and electronic format copies	Yes/No	
	2 Operator's Manual in Greek	Yes/No	
	2 Maintenance Manual in Greek		
	2 Electrical Circuit Diagrams in English & Greek (24V & 220v)	Bidders proposal	
	2 Hydraulic Circuit Diagrams in English & Greek	Yes/No	
	2 Mechanical Circuit in English & Greek	Yes/No	
	2 Automation Circuit Diagrams in English & Greek	Yes/No	
	2 Detailed drawings of metal structure in English & Greek	Yes/No	
	2 Detailed drawings in English and Greek	Yes/No	
Maintenance Manual		$ \bigvee $	
	2 copies in English & Greek	Yes/No	
	Detailed maintenance plan including procedures, spare parts, schedule	Yes/No	
	Procedure of assembly and disassembly of main components	Yes/No	
	List of possible faults, causes, recovery actions	Yes/No	
	List of alarms and faults codes with associated procedure	Yes/No	
	Lubrication charts	Yes/No	 ·
	Detailed list of spare parts with references	Yes/No	
	Manual for quickly worn-out parts and spare parts, including name, size, quantity, material, special requirement and shop drawings of the parts;	Yes/No	

8.TOOLS- AFTER SALE SERVICES			
Tools	THE Bidder has to apply with an analytical list of required tools about the spreader electrical and hydraulic mainternace	proposal	
Spare parts	Two (2) items of Spreader Flippers (2) Items will be included in the price.	Yes/No	
Training			
Language	English and Greek	Yes/No	
Training supports	Operation, Maintenance, Repair (safety, electrical, electronic, hydraulic, mechanical) Training with Manuals in hard and soft copies in Greek language	Yes/No	
Location	On the Terminal facilities	Yes/No	 
Program	Training sessions shall include 2 groups for the maintenance staff (mechanicals, electricians) (3 days minimum, 4 persons per group) and 1 session for the operators (3 days minimum, 5 persons group)	Yes/No	
Agency/representation in Greece			
	Name and contact details of local agent	proposal	
	Location of local agent near Thessaloniki	proposal	
	Stock of spare parts in Greece	Yes/No	

9. WARRANTY		COMPLIANCE or PROPOSAL	<b>DEVIATIONS</b> if any	COMMENTS
General	2 years minimum for all components	proposal		
Structure & chassis	7 years	proposal		
Pump & Motors	2 years			
Paintwork & galvanizing	7 years, Degree of rusting Ri3 per ISO 4628-1:3	proposal		

10. DELIVERY TIME	COMPLIANCE or PROPOSAL		COMMENTS	
EXW		proposal		
DAP Port of Thessaloniki	3 months in total	proposal		
Erection - Installation - Commissioning	5 HIOHERS III LOCAI	proposal		