

Price Annexure _ Automatic Welding Services PRP-VII project								
RFQ Ref number: LTHE/VDMSRP7RTR/0004-R0								
Scope : Automatic Welding Services				SERIMAX (WPQT - IN India, LTB 300)				
Sr. No	Description * escalation rate applicable	Qty	Unit	Unit rate (EUR)	Total (EUR)	Remarks	Payment Milestones	ABG Value
1	Project Management							
	Project Management S1	1	LS	EUR 98,646.00	EUR 98,646.00	Project Management and engineering for the project up to 6 production months per season, would duration extend compensation to be mutually agreed.	a) 50% on submission of ABG and proforma invoice. b) 50% monthly offshore Season-1 progress basis	EUR 49,323.00
	Project Management S2	1	LS	EUR 90,570.00	EUR 90,570.00		a) 50% to be paid prior start of Season 2 production b) 50% monthly offshore progress basis	
2	Weld procedure Qualification							
	Lumpsum for WPQT	1	LS	EUR 68,183.00	EUR 68,183.00	1. Lump Sum to cover Logistic seafreight for mobilisation of equipment,parts and consumables for WPQT scope. 2. Manual V bevel kits for PFM & backing ring 24 units (18"x 22mm WT - 12nos + 8"x 14.3mm - 12nos) 3. Airfreight of copper shoes, Guiding rings and specific spares for WPQT (excl. Customs clearance in Mumbai)	a) 50% on submission of pWPS b) 50% on completion of equipment mobilization (100% to be claimed under ABG)	EUR 68,183.00
	Equipment day rate for WPQT	0	DR	EUR 100,000.00	EUR 100,000.00	Equipment under Lump Sum exclusively for the PRP7 project. Equipment include: 1x PFM 4-12, 1 x PFM 8-24, 1x HPU, 2x ILUC 4" , 1 xILUC 6"-8" 1x ILUC 10-12", 1x ILUC 18", 1x Saturnax08, 1x Saturnax07, 4x manual welding set (GTAW, SMAW, FCAW)	Payment of 100KEUR for WPQT. (To be reduced from Equipment LS rental 1.7MEur) (100% to be claimed under ABG)	EUR 100,000.00
	Personnel day rate for WPQT *	0	DR	EUR 5,742.00	EUR 258,390.00	Serimax Personnel Day rate applicable applicable from Home country departure date from until return to home country. Team include: 1x WE, 1x MS, 4x welders auto, 6x welders manual, 1x Tech, 1x Mech 45 days considered for WPQT. Total 10 Welders considered to expedite the WPQT program.	Monthly WPQT progress basis (to be charged as per actual personnel utilization) (100% to be claimed under ABG)	EUR 258,390.00
	Mobilization cost Equipment for WPQT			EUR 0.00	EUR 0.00	Included in 'Lumpsum for WQPT'		
	Mobilization cost personnel for WPQT *	1	EA	EUR 38,754.00	EUR 38,754.00	Mob-Demob Welding Engineer (Single rotation) Mob-Demob Maintenance Supervisor (Single rotation) Mob-Demob Mechanic & Technician (Asian) (Single rotation) Mob-Demob Welder (Asian) (Single rotation), 10 welders considered for expediting the WPQT	a) 50% to be paid upon mobilization b) 50% to be paid on demobilization (to be charged as per actual usage) (100% to be claimed under ABG)	EUR 38,754.00
	Cost of visa application for WPQT *	20	EA	EUR 345.00	EUR 6,900.00	14 pax required for WPQT; additional visas 6 pax for contingency	100% to be paid upon mobilization (to be charged as per actual number of visas obtained for the Project) (100% to be claimed under ABG)	EUR 6,900.00
	Custom clearance of equipment for WPQT							
	COVID Quarantine					LTEH Responsibility		
	ECA (Engineering Critical Assessment)	1	LS	EUR 174,536.00	EUR 174,536.00	Lumpsum ECA scope including coupons welding,Testing, Analysis & reporting for automatic welding WPS for grade ≥ X60 1) 4.5"x11.1mm - X60 - mGMAW STT Orbital 2) 18" x 20.6mm - X60 - mGMAW STT 3) 10.75" x 15.9mm - X60 - mGMAW STT 4) 10.75" x 14.3mm - X60 - mGMAW 5) 6.625" x 14.3mm - X52 - mGMAW 6) 18" x 17.5mm - X65 - mGMAW 7) 18" x 22.2mm - X60 – mGMAW Note: Serimax proposal for sending test coupons to singapore is not viable wrt WPQT schedule.It is recommended to conduct mechanical test in Mumbai. If mandatory, coupon for CTOD test (required for ECA) may be sent to singapore (if insisted by lab) .	a) 50% on submission of pWPS c) 50% on completion of ECA analysis (100% to be claimed under ABG)	EUR 174,536.00
	Seeded Defects - Automatic Welding	0	LS / Defect			No Lump Sum applicable for seeded defect made on board during WPQT phase, as Serimax personnel and asset are on day rate. EDM notch machining to be managed by L&T in Mumbai. Final Quantity to be confirmed by L&T and NDT subcontractor.	a) 50% upon start of seeded defect welding b) 50% upon completion of seeded defect welding	
	Seeded Defects - Manual Welding		LS / Defect			Seeded defect not applicable for manual welding as confirmed by L&T.		
	Coat-ability welds	1	LS			No Lump Sum applicable for coatability welds made on board during WPQT phase, as Serimax personnel and asset are on day rate.		
	Lump Sum for Welding Consumables Batch testing for Season 2	1	LS			Included in Specific Lump Sum price quoted for each season. [Welds for Batch testing to be carried out onboard Vessel; Mechanical testing under L&T]		
3	Welder Qualification Testing (on board L&T Vessel)					QC & NDT shall be under L&T management and responsibility.	Monthly offshore progress basis	



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Sr. No	Description * escalation rate applicable	Qty	Unit	Unit rate (EUR)	Total (EUR)	Remarks	Payment Milestones		ABG Value
	Equipment day rate for WQT - S1	4	DR			Durtation for WQT is already considered in production days	Monthly offshore progress basis		
	Personnel day rate for WQT - S1	4	DR			Durtation for WQT is already considered in production days	Monthly offshore progress basis		
	Equipment day rate for WQT - S2	4	DR			Durtation for WQT is already considered in production days	Monthly offshore progress basis		
	Personnel day rate for WQT - S2	4	DR			Durtation for WQT is already considered in production days	Monthly offshore progress basis		
4	Firing line set-up					Durtation for Firing line set-up is already considered in production days	Monthly offshore progress basis		
5	Mechanical Testing	1	LS	EUR 82,069.00	EUR 82,069.00	Note: Serimax proposal for sending test coupons to singapore is not viable wrt WPQT schedule. It is recommended to conduct mechanical test in Mumbai. If mandatory, coupon for CTOD test (required for ECA) may be sent to Singapore (if insisted by lab) .	a) 50% upon start of WPQT b) 50% upon completion of mechanical testing (100% to be claimed under ABG)		EUR 82,069.00
6	Production Testing		EA			LTEH shall explore possibility of seeking dispensation from client. Not included in current bid Note: Equipment and manpower cost already considered in production days	Monthly offshore progress basis		
	Personnel day rate during Production testing S1	4	DR			Equipment and manpower cost already considered in production days	Monthly offshore progress basis		
	Equipment rate during Production testing S1	4	DR			Equipment and manpower cost already considered in production days	Monthly offshore progress basis		
	Personnel day rate during Production testing S2	4	DR			Equipment and manpower cost already considered in production days	Monthly offshore progress basis		
	Equipment rate during Production testing S2	4	DR			Equipment and manpower cost already considered in production days	Monthly offshore progress basis		
7	Mobilisation cost Personnel (India) Mainline *	1	LS	EUR 225,438.00	EUR 225,438.00	Mob+ De-Mob For season 1 and 2, 18 personnel for each season	a) 50% to be paid upon 1st mobilization Season 1 b) 50% to be paid on 1st mobilization Season 2 (to be charged as per actual usage) (25% of full mob/demob fee to be claimed under ABG)		EUR 56,359.50
8	Mobilisation cost personnel (Piggy back line) *	1	LS	EUR 75,204.00	EUR 75,204.00	Mob+ De-Mob For season 1 and 2, 16 personnel for each season	a) 50% to be paid upon 1st mobilization b) 50% to be paid on 1st demobilization (to be charged as per actual usage)		
9	Mobilisation cost Equipment (India)	1	LS	EUR 160,160.00	EUR 160,160.00	Mob+ De-Mob For season 1 and 2 Equipment under Lump Sum for PRP7 project exclusively. Equipment to stay on board between season, under L&T supervision packed in L&T Containers between seasons. Equipmen to be returned to custom cleared with in 30 days post production, every day of delay will be charge at 5,524EUR/day	a) 50% to be paid upon equipment mobilization b) 50% to be paid on equipment demobilization (50% to be claimed under ABG)		EUR 80,080.00
10	Cost of visa application *	1	LS		EUR 27,650.00	30 Visas for Season 1 and 50 Visa applications for Season 2 considered by Serimax	100% to be paid upon Visa application (to be charged as per actual number of Visas obtained)		
11	Day rate of Pesonnel During Mainline welding S1 *	159	DR		EUR 1,015,730.16	18 personnel, Welding Engineer considered up to a duration of 30 days at not cost to LTEH	To be invoiced on monthly progress basis (to be charged as per actual utilization) [YEAR 2022 : 45 days Production S1 considered, YEAR 2023 : 114 days Production S1 considered] [Personnel milestone invoice Nov-22 amount considered partially under ABG ie. EUR 81,529.50, This amount to be deducted from Monthly progress invoice for Nov-22]		EUR 81,529.50
	Day rate of Pesonnel During Mainline welding S2 *	159	DR		EUR 1,054,370.00	18 personnel, Welding Engineer considered up to a duration of 30 days at not cost to LTEH	To be invoiced on monthly progress basis (to be charged as per actual utilization) [YEAR 2023 : 75 days Production S2 considered, YEAR 2024 : 84 days Production S2 considered]		
12	Day rate Pesonnel During Piggyback Welding S1 *	45	DR	EUR 4,796.00	EUR 215,820.00	16 personnel considered (1 Mechanic/ Technician, 12 Manual repair welders and 2 spacers (Asian))	To be invoiced on monthly progress basis (to be charged as per actual utilization)		
	Day rate Pesonnel During Piggyback Welding S2 *	45	DR	EUR 5,042.00	EUR 226,890.00	16 personnel considered (1 Mechanic/ technician, 12 Manual repair welders and 2 spacers (Asian))	To be invoiced on monthly progress basis (to be charged as per actual utilization)		
12	Welding equipment rental upto 159 days (rental) - S1	1	LS		EUR 800,000.00	Equipment under Lump Sum for PRP7 project exclusively for 2 seasons. For production start in November 2022 for Season 1 with WPQT starting September 2022 and completion of Season 2 by end April 2024. Welding / Cutting / Pre-heating Gases, tools and tackles(grinding discs, buffing wheels etc.) to be procured by L&T	160Keur per month of production with 100% Billing of full Lumpsum at the Completion of Project End April 2024		
	Additional GTAW manual set for 2" piggyback line	60	DR	EUR 0.00	EUR 0.00	Additional GTAW manual set for 2" piggyback line - 6 no Cost included under equipment Lumpsum	Additional GTAW manual set for 2" piggyback line - 6 no Cost included under equipment Lumpsum		



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13	Welding equipment rental upto 159 days (rental) - S2	1	LS		EUR 800,000.00	Equipment under Lump Sum for PRP7 project exclusively for 2 seasons. For production start in November 2022 for Season 1 with WPQT starting September 2022 and completion of Season 2 by end April 2024. Welding / Cutting / Pre-heating Gases, tools and tackles(grinding discs, buffing wheels etc.) to be procured by L&T	160Keur per month of production with 100% Billing of full Lumpsum at the Completion of Project End April 2024
	Additional GTAW manual set for 2" piggyback line	60	DR	EUR 0.00	EUR 0.00	Additional GTAW manual set for 2" piggyback line - 6 no Cost included under equipment Lumpsum	
14	Welding Consumables (including Piggy back) & Specific Lump Sum for S1 SLS includes for the following •Specific clamping kits for adapting PFM to project diameters •Guiding bands for project diameters •Spare parts to be consumed on the project •Copper shoes for auto GMAW •Welding wire for Auto GMAW during the production, WPQT and WQT •Welding Rods for Manual repairs for Mainline during the production, WPQT and WQT •Cutting tips for the project •Contact tips for the project •Maintenance Container •Demagnetizer System •Crating •Equipment adaptation for Internal coated lines •Equipment Preparation Fees for equipment	1	LS	EUR 1,007,752.00	EUR 1,007,752.00	Total specific lumpsum for Season 1	a) 50% upon ABG and proforma invoice b) 50% monthly offshore progress basis
15	Welding Consumables (including Piggy back) & Specific Lump Sum for S2 SLS includes for the following •Specific clamping kits for adapting PFM to project diameters •Guiding bands for project diameters •Spare parts to be consumed on the project •Copper shoes for auto GMAW •Welding wire for Auto GMAW during the production, WPQT and WQT •Welding Rods for Manual repairs for Mainline during the production, WPQT and WQT •Cutting tips for the project •Contact tips for the project •Maintenance Container •Demagnetizer System •Crating •Equipment adaptation for Internal coated lines •Equipment Preparation Fees for equipment	1	LS	EUR 687,556.00	EUR 687,556.00	Total specific lumpsum for Season 2	a) 50% on 1 month prior to start of Season 2 mobilization b) 50% monthly offshore progress basis
TOTAL					EUR 7,214,618.16		

EUR 1,500,000.00

ABG Value

EUR 503,876.00

