

CORRIGENDUM 1

Tender for Selection of an Operator Agency(ies) For Adventure Water Sports Activities At Chandil, Massanjore, Getalsud, Tenughat, Telaiya and Maithon, Jharkhand (RFP 706/2023 dated 19/7/2023)

The Jharkhand Tourism Development Corporation Limited (JTDCL) by way of this Corrigendum -I is making the following modification to the Tender Document for the assignment.

Sl No.	Clause	Existing Clause	Modified clause
1	Scope of work	<p><u>1. Family Pedal Boat</u></p> <ul style="list-style-type: none"> • Length of the Pedal Boat should be between 420 cm to 460 cm • Width of the Pedal Boat should be between 130 cm to 160 cm • Minimum Capacity of the Pedal Boat should be 400 kg with seating capacity of 4 persons • Hull Material of Pedal Boat should be Polyethylene • Cushion seats should be provided <p>Good quality canopy & pedals should be provided</p>	<p><u>Family Pedal Boat</u></p> <ul style="list-style-type: none"> • Pedal Boat should have suitable dimensions to suit the Seating Capacity • Minimum Capacity of the Pedal Boat should be 400 kg with seating capacity of 4 persons • Hull Material of Pedal Boat should be of Polyethylene (PE) • Cushion seats should be provided • Good quality canopy & pedals should be provided
		<p><u>2. Round PE Boat with Electrical OBM</u></p> <ul style="list-style-type: none"> • Length of the Round Boat should be between 230 cm to 260 cm • Width of the Round Boat should be between 230 cm to 260 cm • Minimum Capacity of the Round Boat should be 6 persons • Material of Round Boat should be Polyethylene (PE) • Boat should be Round Shaped • Center table should be provided <p>Center Umbrella made of Stainless-Steel Rod and good quality cloth should be provided.</p> <p><u>Specification of Electric OBM:</u></p> <ul style="list-style-type: none"> • Electric OBM of 3 HP (Comparable to Petrol Outboard – Propulsive Power) should be provided • Input power should be 1100 watts approximately • It should be environmentally friendlier, quieter, lighter and convenient • Should be able to easily dismantled for transport and space-saving storage • Forward/reverse drive should be provided 	<p><u>Round PE Boat with Electrical OBM</u></p> <ul style="list-style-type: none"> • Round Boat should have suitable dimensions to suit the Seating Capacity and OBM HP • Minimum Seating Capacity of the Round Boat should be 6 persons • Material of Round Boat should be Polyethylene (PE) • Boat should be Round Shaped • Center table should be provided • Center Umbrella made of Stainless-Steel Rod and good quality cloth should be provided <p><u>Specification of Electric OBM:</u></p> <ul style="list-style-type: none"> • Electric OBM of 3 HP (Comparable to Petrol Outboard – Propulsive Power) should be provided • Input power should be 1100 watts approximately • It should be environmentally friendlier, quieter, lighter and convenient • Should be able to easily dismantled for transport and space-saving storage • Forward/reverse drive should be provided • Manual trim and tilt should be provided • Tiller control should be provided • Suitable battery should be provided

		<ul style="list-style-type: none"> Manual trim and tilt should be provided <p>Tiller control should be provided Suitable battery should be provided</p>	
		<p><u>3. Electric Car Shaped Boat</u></p> <ul style="list-style-type: none"> Length of the Pedal Boat should be between 410 cm to 430 cm Width of the Pedal Boat should be between 140 cm to 190 cm Minimum Capacity of the Pedal Boat should be 400 kg with seating capacity of 4 persons Hull Material of Electric Car Shaped Boat should be of Polyethylene (PE) Pedal Boat should be Car Shaped Cushion seats should be provided Good quality canopy & pedal should be provided Electric Motor of 24v 500w with suitable batteries should be provided It should be environmentally friendlier, quieter, lighter and convenient 	<p><u>Electric Car Shaped Boat</u></p> <ul style="list-style-type: none"> Electric Car Shaped Boat should have suitable dimensions to suit the Seating Capacity Minimum Capacity of the Electric Car Shaped Boat should be 400 kg with seating capacity of 4 persons Hull Material of Electric Car Shaped Boat should be of Polyethylene (PE) Boat should be Car Shaped Cushion seats should be provided Good quality canopy should be provided Electric Motor of 24v 500w with suitable batteries should be provided It should be environmentally friendlier, quieter, lighter and convenient
		<p><u>4. Electric Rescue Boat</u></p> <ul style="list-style-type: none"> Rescue Boat should have Roto-moulded Double Skin Hull (Welding is not allowed) Rescue Boat Hull Material should be Polyethylene (PE) Length of the Rescue Boat should be between 380 cm to 410 cm Width of the Rescue Boat should be between 150 cm to 180 cm Weight of the Rescue Boat Hull should be maximum 190 kgs for ease of handling Capacity of the Rescue Boat should be minimum 8 Persons OBM panel should be provided for fixing OBM Mooring Ring, Mooring cleat and drain plug should be provided Storage bench should be provided Rescue boat should be any IACS Member Certified (Certificate should be submitted with Technical Bid) <p><u>Specification of Electric OBM:</u></p> <ul style="list-style-type: none"> Electric OBM of 6 HP (Comparable to Petrol Outboard – Propulsive Power) should be provided Input power should be 3000 watts approximately 	<p><u>Electric Rescue Boat</u></p> <ul style="list-style-type: none"> Rescue Boat should have suitable dimensions to suit the Seating Capacity and Electric OBM HP Rescue Boat should have Roto-moulded Double Skin Hull (Welding is not allowed) Rescue Boat Hull Material should be Polyethylene (PE) Seating Capacity of the Rescue Boat should be minimum 8 Persons OBM panel should be provided for fixing OBM Mooring Ring, Mooring cleat and drain plug should be provided Storage bench should be provided Rescue boat should be any IACS Member Certified (Certificate should be submitted with Technical Bid) <p><u>Specification of Electric OBM:</u></p> <ul style="list-style-type: none"> Electric OBM of 6 HP (Comparable to Petrol Outboard – Propulsive Power) should be provided Input power should be 3000 watts approximately It should be environmentally friendlier, quieter, lighter and convenient Integrated on-board computer with GPS-based range calculation should be provided Should be able to easily dismantled for

		<ul style="list-style-type: none"> • It should be environmentally friendlier, quieter, lighter and convenient • Integrated on-board computer with GPS-based range calculation should be provided • Should be able to easily dismantled for transport and space-saving storage • Stepless forward/reverse drive should be provided • Manual trim and tilt should be provided • Tiller control should be provided 	<p>transport and space-saving storage</p> <ul style="list-style-type: none"> • Stepless forward/reverse drive should be provided • Manual trim and tilt should be provided • Tiller control should be provided • Suitable batteries should be provided
		<p><u>5. Speed Passenger Boat With Electric OBM(8 Persons)</u></p> <ul style="list-style-type: none"> • Speed Passenger Boat should have Roto-moulded Double Skin Hull (Welding is not allowed) • Speed Passenger Boat Hull Material should be Polyethylene (PE) • Length of the Speed Passenger Boat should be between 440 cm to 460cm • Width of the Speed Passenger Boat should be between 180 cm to 200 cm • Weight of the Speed Passenger Boat Hull should be maximum 300 kgs for ease of handling • Capacity of the Speed Passenger Boat should be minimum 8 persons • OBM panel should be provided for fixing OBM • Mooring Ring, Mooring Cleat and Drain Plug should be provided <p>Speed Passenger Boat should be any IACS Member Certified (Certificate should be submitted with Technical Bid)</p> <p><u>Specifications of Electric OBM</u></p> <ul style="list-style-type: none"> • Electric OBM of 20 HP (Comparable to Petrol Outboard – Propulsive Power) should be provided • Input power should be 10000 watts approximately • It should be environmentally friendlier, quieter and convenient • Integrated on-board computer with GPS-based range calculation should be provided 	<p><u>Speed Passenger Boat with Electric OBM (8 Persons)</u></p> <ul style="list-style-type: none"> • Speed Passenger Boat should have suitable dimensions to suit the Seating Capacity and Electric OBM HP • Speed Passenger Boat should have Roto-moulded Double Skin Hull (Welding is not allowed) • Speed Passenger Boat Hull Material should be Polyethylene (PE) • Seating Capacity of the Speed Passenger Boat should be minimum 8 persons • OBM panel should be provided for fixing OBM • Mooring Ring, Mooring Cleat and Drain Plug should be provided • Speed Passenger Boat should be any IACS Member Certified (Certificate should be submitted with Technical Bid) <p><u>Specifications of Electric OBM:</u></p> <ul style="list-style-type: none"> • Electric OBM of 20 HP (Comparable to Petrol Outboard – Propulsive Power) should be provided • Input power should be 10000 watts approximately • It should be environmentally friendlier, quieter and convenient • Integrated on-board computer with GPS-based range calculation should be provided • Should be able to easily dismantled for transport and space-saving storage • Stepless forward/reverse drive should be provided • Electrohydraulic Tilt device should be provided • Tiller control should be provided

		<ul style="list-style-type: none"> • Should be able to easily dismantled for transport and space-saving storage • Stepless forward/reverse drive should be provided • Electrohydraulic Tilt device should be provided • Tiller control should be provided <p>Suitable batteries should be provided</p>	<ul style="list-style-type: none"> • Suitable batteries should be provided
		<p><u>6. Family Passenger Boat with electric OBM:</u></p> <ul style="list-style-type: none"> • Family Passenger Boat should have Roto-moulded Double Skin Hull(Welding is not allowed) • Family Passenger Boat Hull Material should be Polyethylene(PE) • Length of the Family Passenger Boat should be between 420 cm to 460 cm • Width of the Family Passenger Boat should be between 180 cm to 200cm • Weight of the Family Passenger Boat Hull should be maximum 500 kgs for ease of handling • Capacity of the Family Passenger Boat should be minimum 8 persons • OBM to be fixed inside the hull of the boat with polyethylene arc part of main structure encircling the OBM for its safety • OBM panel should be provided for fixing OBM • Mooring Ring, Mooring cleat and drain plug should be provided • Foldable Canopy should be provided <p>Family Passenger Boat should be CE/NMMA Certified or any IACS Member Certified (Certificate should be submitted with Technical Bid)</p> <p><u>Specs of Electric OBM:</u></p> <ul style="list-style-type: none"> • Electric OBM of 6 HP (Comparable to Petrol Outboard – Propulsive Power) should be provided • Input power should be 3000 watts approximately • It should be environmentally friendlier, quieter, lighter and convenient 	<p><u>Family Passenger Boat with Electric OBM</u></p> <ul style="list-style-type: none"> • Family Passenger Boat should have suitable dimensions to suit the Seating Capacity and Electric OBM HP • Family Passenger Boat should have Roto-moulded Double Skin Hull (Welding is not allowed) • Family Passenger Boat Hull Material should be Polyethylene (PE) • Seating Capacity of the Family Passenger Boat should be minimum 8 persons • OBM to be fixed inside the hull of the boat with polyethylene arc part of main structure encircling the OBM for its safety • OBM panel should be provided for fixing OBM • Mooring Ring, Mooring cleat and drain plug should be provided • Foldable Canopy should be provided • Family Passenger Boat should be CE/NMMA Certified or any IACS Member Certified (Certificate should be submitted with Technical Bid) <p><u>Specs of Electric OBM:</u></p> <ul style="list-style-type: none"> • Electric OBM of 6 HP (Comparable to Petrol Outboard – Propulsive Power) should be provided • Input power should be 3000 watts approximately • It should be environmentally friendlier, quieter, lighter and convenient • Integrated on-board computer with GPS-based range calculation should be provided • Should be able to easily dismantled for transport and space-saving storage • Stepless forward/reverse drive should be provided • Manual trim and tilt should be provided • Tiller control should be provided • Suitable batteries should be provided

		<ul style="list-style-type: none"> • Integrated on-board computer with GPS-based range calculation should be provided • Should be able to easily dismantled for transport and space-saving storage • Stepless forward/reverse drive should be provided • Manual trim and tilt should be provided • Tiller control should be provided <p>Suitable batteries should be provided</p>	
		<p><u>7. Double Seater Kayak</u></p> <ul style="list-style-type: none"> • Cockpit should be of Open type • Weight of the Kayak should be between 25 kg to 30 kg. • Minimum Capacity of the Kayak should be of 2 person • Hull Material of Tandem Kayak should be Polyethylene • Kayak should be made of thermoforming technology • Hull Type should be Shallow Twin-Arched and V Hull • Tandem Kayak should be provided with adjustable padded backrest • 2 paddles to be provided. • There should be provision for bottleholder, carrying handles to be provided. • Drain plug & Molded footrests should be provided. • Storage platform with bungees should be provided. <p>CE/NMMA Certified or any IACS Member Certified (Certificate to be submitted with Technical Bid)</p>	<p><u>Double Seater Kayak</u></p> <ul style="list-style-type: none"> • Kayak should have suitable dimensions to suit the Seating Capacity • Cockpit should be of Open type • Seating Capacity of the Kayak should be 2 persons • Hull Material of Kayak should be Polyethylene (PE) • 2 oars should be provided
		<p><u>8. Floating Jetty (Solar)</u></p> <ul style="list-style-type: none"> • Floating Jetty Modules should be made of High Grade High Density Polyethylene whose Melt Flow Rate should be less than 5 g / 10 min @ 190 Degree C and 21.6 kg Load • Floating Jetty Module should be of L: 50 cm, B: 50 cm, H: 40 cm • Weight of the Floating Jetty Modules should be 8 kgs - 10 kgs Load carrying capacity should be Minimum 300 kgs/sqm • The shape of the Floating Jetty Module should be male-female interlocking such that the Floating Jetty Modules can interlock by themselves • Each Floating Jetty Module should have a Separate Anti-Skid Top Cover of 15 mm - 20 mm 	<p><u>Floating Jetty (Solar)</u></p> <ul style="list-style-type: none"> • Floating Jetty Modules should be made of High Grade High Density Polyethylene whose Melt Flow Rate should be less than 5 g / 10 min @ 190 Degree C and 21.6 kg Load • Floating Jetty Module should be of L: 50 cm, B: 50 cm, H: 40 cm • Weight of the Floating Jetty Module should be 8 kgs - 10 kgs • Load carrying capacity should be Minimum 300 kgs/sqm • The shape of the Floating Jetty Module should be male-female interlocking such that the Floating Jetty Modules can interlock by themselves • Each Floating Jetty Module should have a Separate Anti-Skid Top Cover of 15 mm - 20 mm Thickness fitted in the cervix of the main module • The top surface should be fitted inside the side walls of the Floating Jetty Module and it

	<p>Thickness fitted in the cervix of the main module</p> <ul style="list-style-type: none"> • The top surface should be fitted inside the side walls of the Floating Jetty Module and it should be bolted in such a way that there is no leakage of water from the point in which bolt is fixed between top and below surface thus making the surface the best Anti Skid surface available worldwide • There should be one more surface below the top surface with a gap in between top surface and surface below to enable expansion contraction of Floating Jetty Module which can also be used for passing of electric cables and water hoses if required • The lug thickness of the Floating Jetty Module should be 20 mm - 22 mm to ensure enough strength to the structure • For Boats parking on Floating Jetty, HDPE 'U Shaped' Floating Jetty male-female interlocking module of dimension L: 100 cm, B: 50 cm, H: 29 cm and weight 11 kgs - 12 kgs should be fixed on the floating jetty for smooth boat docking. The quantity of these modules will be dependent on-site requirement, and these can be interchangeable with the main modules if required • HDPE Heavy Duty Long Fender of minimum Length: 120 cm - 150 cm, Weight: 5 kgs – 7 kgs and with 3 lugs should be fixed on the Floating Jetty System at required places using nuts and bolts of same material to protect Floating Jetty System • Heavy duty Pole Railings along with fittings should be fixed on the periphery of the Floating Jetty System • Suitable anchoring accessories should be provided along with the Floating Jetty <p style="text-align: center;"><u>TECHNICAL DETAILS FOR SOLAR FLOAT (2 NOS) SUPPORTING FLOAT MODULES (20 NOS)</u></p> <p>Floating Solar Float Modules Should be made of High-Grade High-Density Polyethylene whose melt flow rate should be less than 5 g / 10 min @ 190 Degree C</p>	<p>should be bolted in such a way that there is no leakage of water from the point in which bolt is fixed between top and below surface thus making the surface the best Anti Skid surface available worldwide</p> <ul style="list-style-type: none"> • There should be one more surface below the top surface with a gap in between top surface and surface below to enable expansion contraction of Floating Jetty Module which can also be used for passing of electric cables and water hoses if required • The lug thickness of the Floating Jetty Module should be 20 mm - 22 mm to ensure enough strength to the structure • For Boats parking on Floating Jetty, HDPE 'U Shaped' Floating Jetty male-female interlocking module of dimension L: 100 cm, B: 50 cm, H: 29 cm and weight 11 kgs - 12 kgs should be fixed on the floating jetty for smooth boat docking. The quantity of these modules will be dependent on-site requirement, and these can be interchangeable with the main modules if required • HDPE Heavy Duty Long Fender of minimum Length: 120 cm - 150 cm, Weight: 5 kgs – 7 kgs and with 3 lugs should be fixed on the Floating Jetty System at required places using nuts and bolts of same material to protect Floating Jetty System • Heavy duty Pole Railings along with fittings should be fixed on the periphery of the Floating Jetty System <p>Suitable anchoring accessories should be provided along with the Floating Jetty</p> <p style="text-align: center;"><u>TECHNICAL DETAILS FOR SOLAR FLOAT (2 NOS) SUPPORTING FLOAT MODULES (20 NOS)</u></p> <p>Floating Solar Float Modules Should be made of High-Grade High-Density Polyethylene whose melt flow rate should be less than 5 g / 10 min @ 190 Degree C and 21.6 kg Load.</p> <p>Floating Solar Float Modules should be of L: 120 cm, B: 85 cm, H: 20/40 cm (approx.) (2 Nos), Horizontal Supporting Float Modules should be of L: 85 cm, B: 40 cm, H: 20 cm (approx.) (6 Nos) & Vertical Supporting Float Modules should be of L: 45 cm, B: 40 cm, H: 20 cm (approx.) (14 Nos)</p> <p>The Floating Solar Float Module should have sliding groove on the top, the clamping unit should have clips which can be moved in the groove relative to the float body and to hold different heights of solar panels</p> <p style="text-align: center;"><u>TECHNICAL DETAILS FOR SOLAR PANEL (2 NOS) WITH LIGHT (8 NOS)</u></p>
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		<p>and 21.6 kg Load.</p> <p>Floating Solar Float Modules should be of L: 120 cm, B: 85 cm, H: 20/40 cm (approx.) (2 Nos), Horizontal Supporting Float Modules should be of L: 85 cm, B: 40 cm, H: 20 cm (approx.) (6 Nos) & Vertical Supporting Float Modules should be of L: 45 cm, B: 40 cm, H: 20 cm (approx.) (14 Nos). The Floating Solar Float Module should have sliding groove on the top, the clamping unit should have clips which can be moved in the groove relative to the float body and to hold different heights of solar panels.</p> <p><u>TECHNICAL DETAILS FOR SOLAR PANEL (2 NOS) WITH LIGHT (8 NOS)</u></p> <p>Solar Panel should have Maximum Power: Approx 275 Wp, Voltage: Approx 12 V, Dimensions: Approx L: 165.5 cm and Approx B: 99 cm.</p> <ul style="list-style-type: none"> Integrated Solar Lights of Approx 20 Watt, Approx 12.8 V, Approx 18Ah Inbuilt Battery with Charge controller 	<ul style="list-style-type: none"> Solar Panel should have Maximum Power: Approx 275 Wp, Voltage: Approx 12 V, Dimensions: Approx L: 165.5 cm and Approx B: 99 cm Integrated Solar Lights of Approx 20 Watt, Approx 12.8 V, Approx 18Ah Inbuilt Battery with Charge controller <p style="text-align: center;"><u>Note:</u></p> <ul style="list-style-type: none"> Test certificate of Melt Flow Rate of Raw Material should be submitted along with Technical Bid from CIPET India or any reputed research centers which are acceptable internationally
		<p><u>9. Water Bike (2 Persons)</u></p> <ul style="list-style-type: none"> Length of the Water Bike should be between 300 cm to 350 cm Width of the Water Bike should be between 240 cm to 260 cm Capacity of the Water Bike should be 2 persons Hull Material of Water Bike should be of Polyethylene (PE) Frame of Water Bike should be of Aluminum alloy Pedal system should be provided 	<p><u>Water Bike (2 Persons)</u></p> <ul style="list-style-type: none"> Water Bike should have suitable dimensions to suit the Seating Capacity Seating Capacity of the Water Bike should be 2 persons Hull Material of Water Bike should be of Polyethylene (PE) Frame of Water Bike should be of Aluminium alloy Pedal system should be provided
		10. Sufficient life jackets	Sufficient life jackets
2.	Terms and conditions sl no. 10	No permanent structure will be allowed on the water body. However temporary fibre structure can be allowed.	Temporary structures for providing the common facilities such as ticket counter, store, rest room, maintenance room, drinking water/refreshment zone, washing area etc with prior permission of JTDCL will be allowed.