

LAXMI ORGANIC INDUSTRIES LTD

3rd Floor Chandermukhi Building, Nariman Point, Mumbai 400 021, India +91 22 4910 4444, www.laxmi.com

Vendor Details

Address Chemdist Process Solutions Pvt. Ltd.
Flat no. 5, Plot no. 29, S.No. 733/166,
Ishadan Society, Pramodini Apartments,
Pune 411038
Contact 9545557224
tushar@chemdist.in

Delivery Terms : Free Door Delivery

Freight Terms : Arranged by Supplier

Inspection : At your Works by our approved TPI

Insurance : Laxmi Scope

Packing Forwarding : Nil

Purchase Order (NOT RELEASED)

Order No 4100020255

Date 11.06.2022

Currency INR

Billing Address

Laxmi Organic Industries Limited
Mahad Unit 2

B-2/2,3/1/1,3/1/2 MIDC, Mahad,
District Raigad 402302 +91 2145 233161

Delivery Address

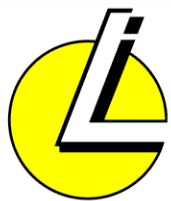
Laxmi Organic Industries Limited
Mahad Unit 2

B-2/2,3/1/1,3/1/2 MIDC, Mahad,
District Raigad 402302 +91 2145 233161

GST No 27AAACL2435R1Z5

PAN No AAACL2435R MUMBAI

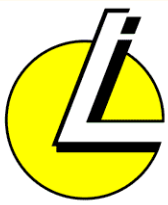
Sr.No	Product	Packaging	Quantity	Unit	Rate per Unit	Total Value
1	T-9221 EJECTOR CATCH POT 100 LTR SS316L Delivery Date: 10.09.2022	MDS FOR SS 316L VESSEL Project Title NASIRG Document No. LOIL/TS/2022/NPT/T-9221 Project Tracking No. Date 4/8/2022 Revision Reason - Location Unit-II, Mahad Mechanical Data Sheet for 0.1 KL SS316L Vessel Vendor ref No. Date. Sr. No. Item Description LOIL requirement Vendor to confirm 1 General 1.1 Tag No. T-9221/T-9223 1.2 Function Ejector Catch Pot 1.3 Quantity 2 1.4 Gross Capacity, KL ** 1.5 Capacity (Working), KL 0.10 1.6 Type Cylindrical, Dished End 1.7 Shell ID, mm ** 1.8 Shell Height, mm (WL/WL) ** 1.9 Shell Height, mm (TL/TL) ** 1.10 L/D ** 1.11 Shell Thickness, mm ** 1.12 Type of dish 10% Torrispherical 1.13 Dish Thickness, mm ** 1.14 Corrosion Allowance, mm nil 1.15 Area Classification	1.000 Absolute discount IN: Central GST - IP IN: State GST- IP	NOS	149,000.000 49000.00- 9.00 % 9.00 %	149,000.00 49000.00- 9000.00 9000.00



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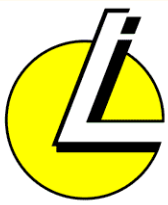
Sr.No	Product	Packaging	Quantity	Unit	Rate per Unit	Total Value
		Hazardous,Zone1,IIA/IIB 1.16 Insulation Hot/Cold NA 1.17 Weld Joint Efficiency Shell/Dish 0.85/1.0 1.18 Radiography, Shell / Dish 10% spot + all T Joints/100% 1.19 Design code ASME Sec.VIII Div. I Edition 2017 1.20 Support (3Nos) Leg 1.21 Leg height ** 1.22 Base plate ** 1.23 Orientation Vertical 2 Operating Data 2.1 MOC SA 240 GR 316L 2.2 Operating Temperature, 0C 40 2.3 Operating Pressure, Kg/cm ² (g) FULL VACUUM 2.4 Design Temperature, 0C -30 to 200 2.5 Design Pressure, Kg/cm ² (g) Full Vacuum / 6 2.6 Hydro test Pressure, Kg/cm ² (g) 7.8 2.7 Empty Weight ** 2.8 Water Filled Weight ** 3 MOC 3.1 Shell SA 240 GR 316L 3.2 Dish End (Top & Bottom) SA 240 GR 316L 3.3 Body flange Not Applicable 3.4 Baffles Not Applicable 3.5 Shell side nozzle neck Up to 150NB- SA312 TP316L SMLS & above 150NB# SS316L ERW Fabricated (with 100% radiography) 3.6 Nozzle flanges & HH SA 182 GR F 316L 3.7 Internals and wetted parts SA 240 GR 316L 3.8 Reinforcement Pad SA 240 GR 316L 3.9 Bolts & Nuts (Ext. & Int.) SA 193 Gr B7 & SA 194 Gr 2H / AISI-SS316L 3.10 Gasket PTFE,3 MM thk.As per B 16.21 & 16.47 3.11 Supports & Structural IS 2062 Gr.B 3.12 Lantern & Bearing housing Not Applicable 3.13 MOC of Earthing Boss SS 304				



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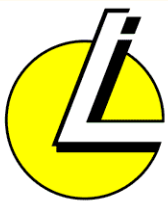
Sr.No	Product	Packaging	Quantity	Unit	Rate per Unit	Total Value
		3.14 Lifting lug/Lug supports IS 2062 Gr.B 3.15 Insulation clits SS 304 3.16 Name Plate SS 304 3.17 Fittings SA 403 WP 316L,SMLS,40 NB and below forged fittings (B 16.11) 4 Nozzle Schedule 4.1 Top Handhole with Hinges 200NB 4.2 Vapor Inlet (Top) 100 NB 4.3 Vent (top) 100 NB 4.4 Liquid outlet (Bottom) 50 NB 4.5 APT(Side) 25 NB 4.6 LG (SIDE) 25 NB 4.7 LG (SIDE) 25 NB 4.8 Thermowell (Side) 25 NB 5 Accessories 5.1 Flush Bottom Valve (Yes/No) No 5.1.1 Flush Bottom Valve Details Not Applicable 5.1.2 Size Inlet x outlet Not Applicable 5.1.3 Supplier Details Not Applicable 5.2 Spray Ball (Yes/No) No 5.2.1 Size Not Applicable 5.2.2 Supplier Details Not Applicable 5.2.3 Insulation ring/supports No 5.2.4 Lifting lugs Yes 5.2.5 Davits (Manway) NA 5.2.6 Ladder/Railing NA 5.2.7 Vertex breaker NA 5.2.8 Earthing Boss Yes 5.2.9 Lifting lugs Yes 6 Inspections 6.1 PWHT AS per code (If Applicable) 6.2 Impact test AS per code (If Applicable) 6.3 DP test/MP test Yes 6.4 Stress relieving AS per code (If Applicable) 6.5 Radiography As mentioned above 7 Documentation 7.1 Standard ISO documentation with all GA diagrams Required 7.2 Operation and maintenance manual Required 7.3 Material test lab reports/MTC				



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Sr.No	Product	Packaging	Quantity	Unit	Rate per Unit	Total Value
		Required 7.4 Bought out components quality guarantee/warranty certificates Required 7.5 Spares list Required 7.6 DQ, IQ, OQ & PQ Required 7.7 QAP/Execution schedule Required 7.8 IRN report Required 8 Delivery Period, Weeks ** 9 Total Price in Lacs Note: 1) ** - Data to be provided by vendor Notes - 1.Wind speed & wind design code has to consider for design (IS 875) ** 2.Basic wind speed at 10m height shall be 44 m/s 3.Seismic Zone = III (IS 1893) 4. painting for CS part-SA 2 1/2 grade sand blasting with two coats of epoxy zinc primer,SS parts-Pickled & passivated. Final painting to be done by vendor. 5. All machined surfaces shall be checked for surface defect by DP/MP test after machining 6. Hydro test shall be carried out by service gasket only 7. All nozzles up to 50 NB & below shall be provided with two nos stiffener plate 90 d. apart. 8.All material for shell, dish end, nozzles & flanges for pressure parts shall be supplied with test certificate. 9.When Dissimilar welds are performed intensive care & welding control shall be applied & detail welding data shall be noted in WPS & PQR 10.All External attachments welded to the pressure part shall be same as pressure parts / equivalent material 11.After completion of fabrication and testing, All stainless steel surfaces shall be pickled and passivated in accordance to ASTM A380 12.Provide 3 sets of Hard Copy Document & 1 set of soft copy Document with Equipment				



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Sr.No	Product	Packaging	Quantity	Unit	Rate per Unit	Total Value
		dispatch 13.Longitudinal weld seam of fabricated nozzle neck shall be 100% radiographed. 14. Vendor to submit QAP duly stamped & signed along with offer. 15.Vendor to be provide blind flanges along with spare nozzles 16.Vendor to submit thickness calculation of vessel in PV lite or equivalent software Not applicable 17.All external attachment welded to pressure part shall be same as pressure part or equivalent MOC. ** 18.Vendor to submit GA drawing within one week of PO/LOI receipt from Laxmi Organics. ** 19.Vendor to give schedule for project within one week of PO receipt and also update the status every week to LOIL. 20.Installation & commissioning support will be provided by vendor. No separate PO will be raised for same. 21.Similar type of equipment supply reference shall be provide by vendor along with quotation 22.Equipment saddle support for transportation is in vendor scope 23.Vendor to follow +/- 1 MM dimensional tolerance for fabrication Prepared By Checked by Approved by SH PP ST				
			Total (INR)		118000.00	
2	T-9223 EJECTOR CATCH POT 100 LTR SS316L Delivery Date: 10.09.2022	MDS FOR SS 316L VESSEL Project Title NASIRG Document No. LOIL/TS/2022/NPT/T-9223 Project Tracking No. Date 4/8/2022 Revision Reason - Location Unit-II,Mahad Mechanical Data Sheet for 0.1 KL SS316L Vessel Vendor ref No. Date.	1.000 Absolute discount IN: Central GST - IP IN: State GST- IP	NOS	149,000.000 49000.00- 9.00 % 9.00 %	149,000.00 49000.00- 9000.00 9000.00



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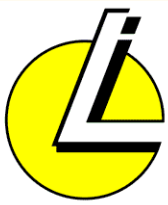
Sr.No	Product	Packaging	Quantity	Unit	Rate per Unit	Total Value
		<p>Sr. No. Item Description LOIL requirement Vendor to confirm</p> <p>1 General</p> <p>1.1 Tag No. T-9221/T-9223</p> <p>1.2 Function Ejector Catch Pot</p> <p>1.3 Quantity 2</p> <p>1.4 Gross Capacity, KL **</p> <p>1.5 Capacity (Working), KL 0.10</p> <p>1.6 Type Cylindrical, Dished End</p> <p>1.7 Shell ID, mm **</p> <p>1.8 Shell Height, mm (WL/WL) **</p> <p>1.9 Shell Height, mm (TL/TL) **</p> <p>1.10 L/D **</p> <p>1.11 Shell Thickness, mm **</p> <p>1.12 Type of dish 10% Torrispherical</p> <p>1.13 Dish Thickness, mm **</p> <p>1.14 Corrosion Allowance, mm nil</p> <p>1.15 Area Classification Hazardous, Zone 1, IIA/IIB</p> <p>1.16 Insulation Hot/Cold NA</p> <p>1.17 Weld Joint Efficiency Shell/Dish 0.85/1.0</p> <p>1.18 Radiography, Shell / Dish 10% spot + all T Joints/100%</p> <p>1.19 Design code ASME Sec. VIII Div. I Edition 2017</p> <p>1.20 Support (3Nos) Leg</p> <p>1.21 Leg height **</p> <p>1.22 Base plate **</p> <p>1.23 Orientation Vertical</p> <p>2 Operating Data</p> <p>2.1 MOC SA 240 GR 316L</p> <p>2.2 Operating Temperature, 0C 40</p> <p>2.3 Operating Pressure, Kg/cm²(g) FULL VACUUM</p> <p>2.4 Design Temperature, 0C -30 to 200</p> <p>2.5 Design Pressure, Kg/cm²(g) Full Vacuum / 6</p> <p>2.6 Hydro test Pressure, Kg/cm²(g) 7.8</p> <p>2.7 Empty Weight **</p> <p>2.8 Water Filled Weight **</p> <p>3 MOC</p> <p>3.1 Shell SA 240 GR 316L</p> <p>3.2 Dish End (Top & Bottom) SA 240 GR 316L</p> <p>3.3 Body flange Not Applicable</p> <p>3.4 Baffles Not Applicable</p> <p>3.5 Shell side nozzle neck Up to 150NB- SA312 TP316L SMLS & above 150NB# SS316L ERW</p>				



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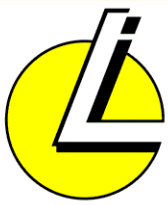
Sr.No	Product	Packaging	Quantity	Unit	Rate per Unit	Total Value
		<p>Fabricated (with 100% radiography)</p> <p>3.6 Nozzle flanges & HH SA 182 GR F 316L</p> <p>3.7 Internals and wetted parts SA 240 GR 316L</p> <p>3.8 Reinforcement Pad SA 240 GR 316L</p> <p>3.9 Bolts & Nuts (Ext. & Int.) SA 193 Gr B7 & SA 194 Gr 2H / AISI-SS316L</p> <p>3.10 Gasket PTFE, 3 MM thk. As per B 16.21 & 16.47</p> <p>3.11 Supports & Structural IS 2062 Gr.B</p> <p>3.12 Lantern & Bearing housing Not Applicable</p> <p>3.13 MOC of Earthing Boss SS 304</p> <p>3.14 Lifting lug/Lug supports IS 2062 Gr.B</p> <p>3.15 Insulation clits SS 304</p> <p>3.16 Name Plate SS 304</p> <p>3.17 Fittings SA 403 WP 316L, SMLS, 40 NB and below forged fittings (B 16.11)</p> <p>4 Nozzle Schedule</p> <p>4.1 Top Handhole with Hinges 200NB</p> <p>4.2 Vapor Inlet (Top) 100 NB</p> <p>4.3 Vent (top) 100 NB</p> <p>4.4 Liquid outlet (Bottom) 50 NB</p> <p>4.5 APT(Side) 25 NB</p> <p>4.6 LG (SIDE) 25 NB</p> <p>4.7 LG (SIDE) 25 NB</p> <p>4.8 Thermowell (Side) 25 NB</p> <p>5 Accessories</p> <p>5.1 Flush Bottom Valve (Yes/No) No</p> <p>5.1.1 Flush Bottom Valve Details Not Applicable</p> <p>5.1.2 Size Inlet x outlet Not Applicable</p> <p>5.1.3 Supplier Details Not Applicable</p> <p>5.2 Spray Ball (Yes/No) No</p> <p>5.2.1 Size Not Applicable</p> <p>5.2.2 Supplier Details Not Applicable</p> <p>5.2.3 Insulation ring/supports No</p> <p>5.2.4 Lifting lugs Yes</p> <p>5.2.5 Davits (Manway) NA</p> <p>5.2.6 Ladder/Railing NA</p>				



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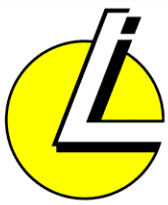
Sr.No	Product	Packaging	Quantity	Unit	Rate per Unit	Total Value
		5.2.7 Vertex breaker NA 5.2.8 Earthing Boss Yes 5.2.9 Lifting lugs Yes 6 Inspections 6.1 PWHT AS per code (If Applicable) 6.2 Impact test AS per code (If Applicable) 6.3 DP test/MP test Yes 6.4 Stress relieving AS per code (If Applicable) 6.5 Radiography As mentioned above 7 Documentation 7.1 Standard ISO documentation with all GA diagrams Required 7.2 Operation and maintenance manual Required 7.3 Material test lab reports/MTC Required 7.4 Bought out components quality guarantee/warranty certificates Required 7.5 Spares list Required 7.6 DQ, IQ, OQ & PQ Required 7.7 QAP/Execution schedule Required 7.8 IRN report Required 8 Delivery Period, Weeks ** 9 Total Price in Lacs Note: 1) ** - Data to be provided by vendor Notes - 1.Wind speed & wind design code has to consider for design (IS 875) ** 2.Basic wind speed at 10m height shall be 44 m/s 3.Seismic Zone = III (IS 1893) 4. painting for CS part-SA 2 1/2 grade sand blasting with two coats of epoxy zinc primer,SS parts-Pickled & passivated. Final painting to be done by vendor. 5. All machined surfaces shall be checked for surface defect by DP/MP test after machining 6. Hydro test shall be carried out by service gasket only 7. All nozzles up to 50 NB & below shall be provided with two nos stiffener plate 90 d. apart. 8.All material for shell, dish end, nozzles & flanges for pressure				



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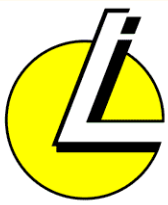
Sr.No	Product	Packaging	Quantity	Unit	Rate per Unit	Total Value
		<p>parts shall be supplied with test certificate.</p> <p>9.When Dissimilar welds are performed intensive care & welding control shall be applied & detail welding data shall be noted in WPS & PQR</p> <p>10.All External attachments welded to the pressure part shall be same as pressure parts / equivalent material</p> <p>11.After completion of fabrication and testing, All stainless steel surfaces shall be pickled and passivated in accordance to ASTM A380</p> <p>12.Provide 3 sets of Hard Copy Document & 1 set of soft copy Document with Equipment dispatch</p> <p>13.Longitudinal weld seam of fabricated nozzle neck shall be 100% radiographed.</p> <p>14. Vendor to submit QAP duly stamped & signed along with offer.</p> <p>15.Vendor to be provide blind flanges along with spare nozzles</p> <p>16.Vendor to submit thickness calculation of vessel in PV lite or equivalent software Not applicable</p> <p>17.All external attachment welded to pressure part shall be same as pressure part or equivalent MOC. **</p> <p>18.Vendor to submit GA drawing within one week of PO/LOI receipt from Laxmi Organics. **</p> <p>19.Vendor to give schedule for project within one week of PO receipt and also update the status every week to LOIL.</p> <p>20.Installation & commissioning support will be provided by vendor. No separate PO will be raised for same.</p> <p>21.Similar type of equipment supply reference shall be provide by vendor along with quotation</p> <p>22.Equipment saddle support for transportation is in vendor scope</p> <p>23.Vendor to follow +/- 1 MM dimensional tolerance for</p>				



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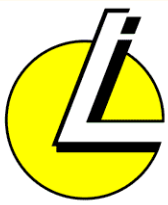
Sr.No	Product	Packaging	Quantity	Unit	Rate per Unit	Total Value
		fabrication Prepared By Checked by Approved by SH PP ST				
			Total (INR)		118000.00	
3	T-9222 WATER-TOULENE SEP 1.5KL SS316L Delivery Date: 10.09.2022	Mechanical Data Sheet for Vessel (SS 316L) Project Title: NASIRG Document No. LOIL/TS/2022/NPT/T-9222 Project Tracking No: Date 4/8/2022 Revision Reason: - Location Unit-II,Mahad Mechanical Data Sheet for 1.5 KL SS316L Vessel Vendor ref No. Date. Sr. No. Item Description LOIL requirement Vendor to Specify 1 General 1.1 Tag No. T-9222/T-9224 1.2 Function Water + Toluene 1.3 Quantity 2 1.4 Gross Capacity,KL 1.5 Capacity (Working), KL 1.50 1.6 Type Cylindrical, Dished End 1.7 Shell ID, mm * 1.8 Shell height, mm (WL/WL) * 1.9 Shell height, mm (TL/TL) * 1.10 L/D * 1.11 Shell Thickness, mm * 1.12 Type of dish 10% Torrispherical 1.13 Dish Thickness, mm * 1.14 Corrosion Allowance, mm Nil 1.15 Area Classification Hazardous,Zone 1,IIA/IIB 1.16 Insulation Hot/Cold By other 1.17 Weld Joint Efficiency Shell/Dish 0.85/1.0 1.18 Radiography, Shell / Dish 10% spot + all T Joints/100% 1.19 Design code ASME Sec.VIII Div. I Edition 2017 1.20 Support (4Nos) Lug 1.21 Leg height ** 1.22 Base plate ** 1.23 Orientation Vertical 2 Operating Data 2.1 Shell Side	1.000	NOS	561,000.000	561,000.00
			Absolute discount		218500.00-	218500.00-
			IN: Central GST - IP		9.00 %	30825.00
			IN: State GST- IP		9.00 %	30825.00



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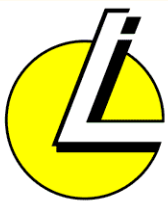
Sr.No	Product	Packaging	Quantity	Unit	Rate per Unit	Total Value
		2.1.1 Operating Temperature, 0C 35 2.1.2 Operating Pressure, Kg/cm ² (g) Full Vacuum/ATM 2.1.3 Design Temperature, 0C -35 to 160 2.1.4 Design Pressure, Kg/cm ² (g) Full Vacuum / 6 2.1.5 Hydrotest Pressure, Kg/cm ² (g) 7.8 2.1.6 Empty Weight ** 2.1.7 Water Filled Weight ** 2.2 Limpet Side NA 2.2.1 Operating Temperature, 0C NA 2.2.2 Operating Pressure, Kg/cm ² (g) NA 2.2.3 Design Temperature, 0C NA 2.2.4 Design Pressure, Kg/cm ² (g) NA 2.2.5 Hydrotest Pressure, Kg/cm ² (g) NA 2.2.6 Limpet Details NA 3 MOC 3.1 Shell SA 240 GR 316L 3.2 Dish End top & btm SA 240 GR 316L 3.3 Body flange Not Applicable 3.4 Baffles SA 240 GR 316L 3.5 Shell side / Limpet side Up to 150NB- SA312 TP316L SMLS & above 150NB# SS316L ERW Fabricated (100% radiographed) 3.6 Nozzle flanges Shell SA 182 GR F 316L 3.7 Man hole flange IS 2062 Gr.B +SS 316L Liner 3.8 Internals and wetted parts SA 240 GR 316L 3.9 Reinforcement Pad SA 240 GR 316L 3.1 Bolts & Nuts (Ext. & Int.) SA 193 Gr B7 & SA 194 Gr 2H / AISI SS316L 3.11 Gasket PTFE 3 THK as per B 16.21 & B 16.47 3.12 Supports & Structural IS 2062 Gr.B 3.13 Lantern & Bearing housing Not Applicable 3.14 MOC of Earthing Boss SS 304 3.15 Lifting lug/Lug supports IS				



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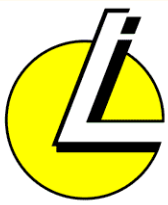
Sr.No	Product	Packaging	Quantity	Unit	Rate per Unit	Total Value
		2062 Gr.B 3.16 Insulation clits NA 3.17 Name Plate SS 304 3.18 Fittings SA 403 WP 316L,SMLS,40NB and below forged (B 16.11) fittings 3.19 Limpet NA 4 Nozzle Schedule 4.1 Top Manhole with Hinged 450x350NB 4.2 Side Manhole Not Applicable 4.3 Bottom Outlet 50 NB 4.4 Thermowell (Top) NA 4.5 Limpet Inlet (2 Nos.) NA 4.6 Limpet Outlet (2 Nos.) NA 4.7 Limpet Vent (2 Nos.) NA 4.8 Limpet Drain (2 Nos.) NA 4.90 Process Inlet - 01 (With Dip Pipe & Anti-Siphon hole)) 50 NB x 40 NB 4.10 Process Inlet - 02 (With 'J' Bend) 40 NB 4.11 Spare Process Inlet - 03 (With 'J' Bend) 40 NB 4.12 Vent 100 NB 4.13 Level Transmitter 80 NB 4.14 Level Indicator (02 Nos.) 25 NB 4.15 Sight Glass Not Applicable 4.16 Light Glass Not Applicable 4.17 Overflow Not Applicable 5 Accessories 5.1 Flush Bottom Valve (Yes/No) No 5.1.1 Flush Bottom Valve Details Not Applicable 5.1.2 Size Inlet x outlet Not Applicable 5.1.3 Supplier Details Not Applicable 5.2 Spray Ball (Yes/No) No 5.2.1 Size Not Applicable 5.2.2 Supplier Details Not Applicable 5.2.3 Insulation cleats Not Applicable 5.2.4 Lifting lugs Yes 5.2.5 Davits (Manway) Yes 5.2.6 Ladder/Railing NA 5.2.7 Vertex breaker NA 5.2.8 Earthing Boss Yes 5.2.9 Lifting lugs Yes 6 Inspections 6.1 PWHT AS per code (If				



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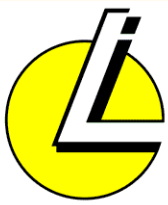
Sr.No	Product	Packaging	Quantity	Unit	Rate per Unit	Total Value
		Applicable) 6.2 Impact test AS per code (If Applicable) 6.3 DP test/MP test Yes 6.4 Stress relieving AS per code (If Applicable) 6.5 Radiography As mentioned above 7 Documentation 7.1 Standard ISO documentation with all GA diagrams Required 7.2 Operation and maintenance manual Required 7.3 Material test lab reports/MTC Required 7.4 Bought out components quality guarantee/warranty certificates Required 7.5 Spares list Required 7.6 DQ, IQ, OQ & PQ Required 7.7 QAP/Execution schedule Required 7.8 IRN report Required 8 Delivery Period, Weeks ** 9 Total Price in Lac Note: 1) ** - Data to be provided by vendor Notes - 1.Wind speed & wind design code has to consider for design (IS 875) ** 2.Basic wind speed at 10m height shall be 44 m/s 3.Seismic Zone = III (IS 1893) 4. painting for CS part-SA 2 1/2 grade sand blasting with two coats of epoxy zinc primer,SS parts-Pickled & passivated. Final painting to be done by vendor. 5. All machined surfaces shall be checked for surface defect by DP/MP test after machining 6. Hydro test shall be carried out by service gasket only 7. All nozzles up to 50 NB & below shall be provided with two nos stiffener plate 90 d. apart. 8.All material for shell, dish end, nozzles & flanges for pressure parts shall be supplied with test certificate. 9.When Dissimilar welds are performed intensive care & welding control shall be applied &				



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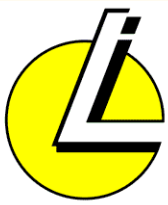
Sr.No	Product	Packaging	Quantity	Unit	Rate per Unit	Total Value
		<p>detail welding data shall be noted in WPS & PQR</p> <p>10.All External attachments welded to the pressure part shall be same as pressure parts / equivalent material</p> <p>11.After completion of fabrication and testing, All stainless steel surfaces shall be pickled and passivated in accordance to ASTM A380</p> <p>12.Provide 3 sets of Hard Copy Document & 1 set of soft copy Document with Equipment dispatch</p> <p>13.Longitudinal weld seam of fabricated nozzle neck shall be 100% radiographed.</p> <p>14. Vendor to submit QAP duly stamped & signed along with offer.</p> <p>15.Vendor to be provide blind flanges along with spare nozzles</p> <p>16.Vendor to submit thickness calculation of vessel in PV lite or equivalent software Not applicable</p> <p>17.All external attachment welded to pressure part shall be same as pressure part or equivalent MOC. **</p> <p>18.Vendor to submit GA drawing within one week of PO/LOI receipt from Laxmi Organics. **</p> <p>19.Vendor to give schedule for project within one week of PO receipt and also update the status every week to LOIL.</p> <p>20.Installation & commissioning support will be provided by vendor. No separate PO will be raised for same.</p> <p>21.Similar type of equipment supply reference shall be provide by vendor along with quotation</p> <p>22.equipment saddle support for transportation is in vendor scope</p> <p>23.Vendor to follow +/- 1 MM dimensional tolerance for fabrication</p> <p>Prepared By Checked by Approved by</p> <p>SH PP ST</p>				



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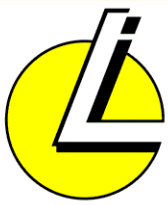
Sr.No	Product	Packaging	Quantity	Unit	Rate per Unit	Total Value
			Total (INR)		404150.00	
4	T-9224 WATER-TOULENE SEP 1.5KL SS316L Delivery Date: 10.09.2022	Mechanical Data Sheet for Vessel (SS 316L) Project Title: NASIRG Document No. LOIL/TS/2022/NPT/T-9224 Project Tracking No: Date 4/8/2022 Revision Reason: - Location Unit-II,Mahad Mechanical Data Sheet for 1.5 KL SS316L Vessel Vendor ref No. Date. Sr. No. Item Description LOIL requirement Vendor to Specify 1 General 1.1 Tag No. T-9222/T-9224 1.2 Function Water + Toluene 1.3 Quantity 2 1.4 Gross Capacity,KL 1.5 Capacity (Working), KL 1.50 1.6 Type Cylindrical, Dished End 1.7 Shell ID, mm * 1.8 Shell height, mm (WL/WL) * 1.9 Shell height, mm (TL/TL) * 1.10 L/D * 1.11 Shell Thickness, mm * 1.12 Type of dish 10% Torrisspherical 1.13 Dish Thickness, mm * 1.14 Corrosion Allowance, mm Nil 1.15 Area Classification Hazardous,Zone 1,IIA/IIB 1.16 Insulation Hot/Cold By other 1.17 Weld Joint Efficiency Shell/Dish 0.85/1.0 1.18 Radiography, Shell / Dish 10% spot + all T Joints/100% 1.19 Design code ASME Sec.VIII Div. I Edition 2017 1.20 Support (4Nos) Lug 1.21 Leg height ** 1.22 Base plate ** 1.23 Orientation Vertical 2 Operating Data 2.1 Shell Side 2.1.1 Operating Temperature, 0C 35 2.1.2 Operating Pressure, Kg/cm²(g) Full Vacuum/ATM 2.1.3 Design Temperature, 0C	1.000 Absolute discount IN: Central GST - IP IN: State GST- IP	NOS	561,000.000 218500.00- 9.00 % 9.00 %	561,000.00 218500.00- 30825.00 30825.00



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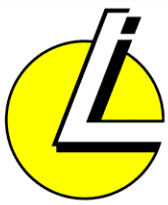
Sr.No	Product	Packaging	Quantity	Unit	Rate per Unit	Total Value
		-35 to 160 2.1.4 Design Pressure, Kg/cm ² (g) Full Vacuum / 6 2.1.5 Hydrotest Pressure, Kg/cm ² (g) 7.8 2.1.6 Empty Weight ** 2.1.7 Water Filled Weight ** 2.2 Limpet Side NA 2.2.1 Operating Temperature, 0C NA 2.2.2 Operating Pressure, Kg/cm ² (g) NA 2.2.3 Design Temperature, 0C NA 2.2.4 Design Pressure, Kg/cm ² (g) NA 2.2.5 Hydrotest Pressure, Kg/cm ² (g) NA 2.2.6 Limpet Details NA 3 MOC 3.1 Shell SA 240 GR 316L 3.2 Dish End top & btm SA 240 GR 316L 3.3 Body flange Not Applicable 3.4 Baffles SA 240 GR 316L 3.5 Shell side / Limpet side Up to 150NB- SA312 TP316L SMLS & above 150NB# SS316L ERW Fabricated (100% radiographed) 3.6 Nozzle flanges Shell SA 182 GR F 316L 3.7 Man hole flange IS 2062 Gr.B +SS 316L Liner 3.8 Internals and wetted parts SA 240 GR 316L 3.9 Reinforcement Pad SA 240 GR 316L 3.1 Bolts & Nuts (Ext. & Int.) SA 193 Gr B7 & SA 194 Gr 2H / AISI SS316L 3.11 Gasket PTFE 3 THK as per B 16.21 & B 16.47 3.12 Supports & Structural IS 2062 Gr.B 3.13 Lantern & Bearing housing Not Applicable 3.14 MOC of Earthing Boss SS 304 3.15 Lifting lug/Lug supports IS 2062 Gr.B 3.16 Insulation clits NA 3.17 Name Plate SS 304 3.18 Fittings SA 403 WP 316L,SMLS,40NB and below				



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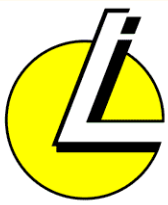
Sr.No	Product	Packaging	Quantity	Unit	Rate per Unit	Total Value
		forged (B 16.11) fittings 3.19 Limpet NA 4 Nozzle Schedule 4.1 Top Manhole with Hinged 450x350NB 4.2 Side Manhole Not Applicable 4.3 Bottom Outlet 50 NB 4.4 Thermowell (Top) NA 4.5 Limpet Inlet (2 Nos.) NA 4.6 Limpet Outlet (2 Nos.) NA 4.7 Limpet Vent (2 Nos.) NA 4.8 Limpet Drain (2 Nos.) NA 4.90 Process Inlet - 01 (With Dip Pipe & Anti-Siphon hole)) 50 NB x 40 NB 4.10 Process Inlet - 02 (With 'J' Bend) 40 NB 4.11 Spare Process Inlet - 03 (With 'J' Bend) 40 NB 4.12 Vent 100 NB 4.13 Level Transmitter 80 NB 4.14 Level Indicator (02 Nos.) 25 NB 4.15 Sight Glass Not Applicable 4.16 Light Glass Not Applicable 4.17 Overflow Not Applicable 5 Accessories 5.1 Flush Bottom Valve (Yes/No) No 5.1.1 Flush Bottom Valve Details Not Applicable 5.1.2 Size Inlet x outlet Not Applicable 5.1.3 Supplier Details Not Applicable 5.2 Spray Ball (Yes/No) No 5.2.1 Size Not Applicable 5.2.2 Supplier Details Not Applicable 5.2.3 Insulation cleats Not Applicable 5.2.4 Lifting lugs Yes 5.2.5 Davits (Manway) Yes 5.2.6 Ladder/Railing NA 5.2.7 Vertex breaker NA 5.2.8 Earthing Boss Yes 5.2.9 Lifting lugs Yes 6 Inspections 6.1 PWHT AS per code (If Applicable) 6.2 Impact test AS per code (If Applicable) 6.3 DP test/MP test Yes 6.4 Stress relieving AS per code				



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Sr.No	Product	Packaging	Quantity	Unit	Rate per Unit	Total Value
		(If Applicable) 6.5 Radiography As mentioned above 7 Documentation 7.1 Standard ISO documentation with all GA diagrams Required 7.2 Operation and maintenance manual Required 7.3 Material test lab reports/MTC Required 7.4 Bought out components quality guarantee/warranty certificates Required 7.5 Spares list Required 7.6 DQ, IQ, OQ & PQ Required 7.7 QAP/Execution schedule Required 7.8 IRN report Required 8 Delivery Period, Weeks ** 9 Total Price in Lac Note: 1) ** - Data to be provided by vendor Notes - 1.Wind speed & wind design code has to consider for design (IS 875) ** 2.Basic wind speed at 10m height shall be 44 m/s 3.Seismic Zone = III (IS 1893) 4. painting for CS part-SA 2 1/2 grade sand blasting with two coats of epoxy zinc primer,SS parts-Pickled & passivated. Final painting to be done by vendor. 5. All machined surfaces shall be checked for surface defect by DP/MP test after machining 6. Hydro test shall be carried out by service gasket only 7. All nozzles up to 50 NB & below shall be provided with two nos stiffener plate 90 d. apart. 8.All material for shell, dish end, nozzles & flanges for pressure parts shall be supplied with test certificate. 9.When Dissimilar welds are performed intensive care & welding control shall be applied & detail welding data shall be noted in WPS & PQR 10.All External attachments welded to the pressure part shall be same as pressure parts /				



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Sr.No	Product	Packaging	Quantity	Unit	Rate per Unit	Total Value
		equivalent material 11.After completion of fabrication and testing, All stainless steel surfaces shall be pickled and passivated in accordance to ASTM A380 12.Provide 3 sets of Hard Copy Document & 1 set of soft copy Document with Equipment dispatch 13.Longitudinal weld seam of fabricated nozzle neck shall be 100% radiographed. 14. Vendor to submit QAP duly stamped & signed along with offer. 15.Vendor to be provide blind flanges along with spare nozzles 16.Vendor to submit thickness calculation of vessel in PV lite or equivalent software Not applicable 17.All external attachment welded to pressure part shall be same as pressure part or equivalent MOC. ** 18.Vendor to submit GA drawing within one week of PO/LOI receipt from Laxmi Organics. ** 19.Vendor to give schedule for project within one week of PO receipt and also update the status every week to LOIL. 20.Installation & commissioning support will be provided by vendor. No separate PO will be raised for same. 21.Similar type of equipment supply reference shall be provide by vendor along with quotation 22.equipment saddle support for transportation is in vendor scope 23.Vendor to follow +/- 1 MM dimensional tolerance for fabrication Prepared By Checked by Approved by SH PP ST				

Total (INR)	404150.00
Absolute discount	535000.00-
Gross Price	1420000.00
IN: Central GST - IP	79650.00



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IN: State GST- IP 79650.00

Grand Total (INR) 1044300.00

Remarks:

Important Note : Send all the documents to the billing address mentioned above.

Reference : Your Offer No CDPS/LOIL/QRN-7089/R0, CDPS/LOIL/QRN-7089/R1 dtd 20.05.2022 & 30.06.2022 and Order Confirmation sent to you on 10.06.2022.

Design/Drawing/Quality : To get approved from our End User.

Drawing submission : Within 7 days

Material to be booked on door delivery + Consignee Copy attached basis.

Certificate: Relevant Material Test Certificate to be provided alongwith consignment.

Late delivery clause will be applicable if material is not delivered as per the delivery schedule indicated. LD charges applicable will be 0.5% per week, subject to maximum of 5% of total order value.

Inspection : By our approved TPI agency, charges in our account (Our Project Team to confirm TPI Agency to you).

Delivery Period : Within 12-14 weeks from drawing approval

Payment Term : 20% advance, 10% after Drawing Approval, 60% with GST within 7 days after receipt of material at site & balance 10% against Performance bank guarantee valid for 1 year.

Freight : Free door delivery at our Mahad Plant

Approx Total Weight =>

T-9222 800 kg

T-9224 800 kg

T-9221 201 kg

T-9223 201 kg

SCOPE:

1. 'LOIL','we','us','our' refers to Laxmi Organic Industries Limited
2. This Purchase Order shall constitute the contract ("order").
3. Our agreement with you consists of: (i) any Order for purchase of goods and/or services; (ii) General Purchasing Conditions; (iii) any specifications and safety, health and environmental requirements that we agree with you; (iv) any supplementary terms and conditions of purchase that we agree with you; and (v) our quality and other requirements or procedures that we agree with you.

PACKING:

4. Goods processed and supplied against this order must be properly packed and dispatched conforming to special instructions, if any, given for safe transport by road/rail/air/water to the specified destination.
5. In case of dangerous goods, the Supplier shall submit details of packing and transportation plan to Purchaser for confirmation prior to shipment.

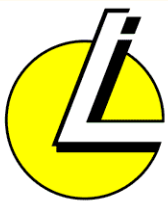
ACCEPTANCE

6. You are required to confirm the acceptance of this Order or raise queries, if any, in writing via email or fax or Order acknowledgement within 3 days of the receipt of the Order. In case we do not receive your formal acceptance/rejection within 7 day of the receipt of Order then the Order shall be deemed as duly accepted by you. This Order, together with any documents incorporated herein by reference, constitutes the sole and entire agreement of the parties with respect to the Order and supersedes all prior or contemporaneous understandings, agreements, negotiations, representations and warranties, and communications, both written and oral, with respect to the subject matter of the Order, unless a separate overriding written contract has been entered into and signed by the parties.
7. The Order expressly limits your acceptance to the terms of the Order. These Terms expressly exclude any of your terms and conditions of sale or any other document issued by you in connection with this Order.

PRICING:

8. The prices governing this order shall for all purposes, remain firm unless otherwise agreed to specifically in writing by us and shall be inclusive of packing and free delivery at our factory/warehouse/godown /works or any place specified in the order.
9. For deliveries involving installation, commissioning or services the transfer of risk occurs on acceptance and for deliveries not involving installation or commissioning, the transfer of risk shall be upon receipt by us at the designated place of receipt.

DELIVERY:



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10. Delivery time is the essence of this order and must be strictly adhered to. If you fail to deliver the goods in time, we may, at our sole discretion:

(a) Treat the order as cancelled at any time and recover any loss or damage from you;

(b) Purchase the goods ordered or any part thereof from other sources on your account, in which case, you shall be liable to pay us not only the difference between the price at which such goods have been actually purchased and the price calculated at the rate set out in this order, but also any other loss or damage we may suffer;

(c) Without prejudice to above provision we may accept late delivery, subject to a deduction in payment of 0.5% of the total order price for every week or part thereof of the delay, towards liquidated damages, subject to maximum deduction of 5% of the order price.

11. For the purpose of establishing the timeliness for deliveries involving installation, commissioning or rectification services, the relevant point in time shall be the date of acceptance.

EXAMINATION / REJECTION OF GOODS:

12. All materials duly processed and supplied against this order should conform to latest Indian Standards; it should be new, merchantable quality, fit for their intended purpose and should be in line with "Quality Assurance Plan", if any, which has to be approved by us. All such materials will be subject to inspection and approval by us, at the place of delivery indicated by us.

13. All rejected material shall be removed by you at your own costs within 48 hours from the date of rejection note / intimation / Challan posted by us to you.

14. Beyond 48 hours, we will not be liable for any loss or damage to the rejected goods.

15. In case of any failure due to any reasons to remove the goods/material we shall have all rights to remove the defective materials/goods from our premises and discard it at your cost and consequences.

WARRANTY / GUARANTEE:

16. The said good/services processed and delivered by you shall be made out of good quality bought out components/materials, as acceptable to us and it should have standard/excellent workmanship and fit for their intended purpose.

17. The said goods/services delivered by you shall be identical to the sample specification given you, if any.

18. Where the said goods/services delivered by you to us is according to sample as well as certain specification/description, if any, the said goods/services actually processed and delivered, shall match not only with the said sample, but also with the said specification/description.

19. If deficiency is identified before or during the transfer of risk or during the Guarantee Period of 12 months from the date of commissioning or 18 months from the date of delivery, you must at your own expense and at the discretion of us either repair the deficiency or provide re-performance of the Services or replacement of delivery. This provision also applies to delivery subject to inspection by sample test. Our discretion shall be exercised fairly and reasonably.

20. Should you fail to rectify (i. e. repair or replacement) any deficiency within a reasonable time period set by us, we are entitled to: cancel the order in whole or in part without being subject to any liability for damages; or demand a reduction in price; or undertake itself any repair at the expense of yours or re-performance of services or replacement of deliveries or arrange for such to be done; and claim damages in lieu of performance.

INVOICING:

21. You shall prepare and raise GST invoice as per provisions of section 31 of Goods and Services Tax Act, 2017 ('GST') read with rule 7 of GST Rules, which must contain all details as required under law and rules, including but not limited to the date of delivery, Order number, your GSTIN Number, delivery address, description and HSN Code of goods/and or services delivered, and must be sent to the invoice address specified in the Order.

22. In case of supply of goods, you shall issue three (3) copies of the invoices (i.e. 'Original' for recipient, 'Duplicate' for transporter and 'Triplicate' for Vendor) and wherever the law requires, you shall mention the Electronic Reference Number for each invoice.

23. In case of supply of services you shall issue Two (2) copies of invoice need to be issued by the Vendor (i.e. 'Original' for recipient and 'Duplicate' for Vendor).

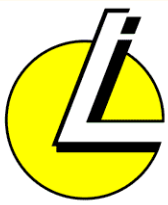
24. You shall be responsible for the issue of other documents required for movement of goods and the logistic partner shall not be liable for any loss arising due to confiscation of goods by government agencies on account of lack of proper documents or any miss-declaration.

25. Where the supply of goods/ services is liable to GST under reverse charge mechanism, then you should clearly mention on your invoice that "the liability of payment of GST is on the Recipient of Goods / Service".

26. The invoice should clearly specify any abatement, if any claimed or otherwise from the Taxable Value while calculating the GST.

27. In case of receipt of advance, you shall undertake to raise the necessary statutory document on or before stipulated time period.

28. Any known discount should form part of terms of the invoice to enable each of us to claim tax adjustment.



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PAYMENT AND TAX INDEMNITY:

29. The price quoted shall be exclusive of GST as may be applicable
30. For the purposes of this clause, GST shall include the Central Goods and Services Tax ('CGST'), the State Goods and Services Tax ('SGST') and/or the Integrated Goods and Services Tax ('IGST') as may be applicable.
31. We may deduct from the price of the goods and/or services ordered by us any sums due to us under any other contract between us.
32. In due compliance of the obligations, you shall remit the GST so charged (if any) from us, subject to a valid invoice / debit note, to the appropriate government authority and file GST returns as prescribed, within the statutory timelines, mentioning all appropriate and relevant information on the GSTN platform, which enables us to claim timely credit (i.e., in its GST return for the month in which the invoice / debit / credit note is raised on us of GST in the appropriate GST registration).
33. In the event the credit of GST is not granted or denied to us under the applicable Laws for non-payment of taxes charged to us or on account of any non-compliance (including but not limited to non-filing of information, non-filing of returns, non-payment of appropriate GST to appropriate government/incorrect submission of information on the GSTN Platform), then you shall rectify the said non-compliances/errors to ensure that we get the credit in the subsequent month. In the event, the non-compliance/ error is not rectified by you in a timely manner then we shall have the right to set off such shortfall against the subsequent payments of the Fees to you or recover the amount of GST charged along with the interest, penalty and/or any other cost from you.
34. Any liability arising out of dispute on the tax structure, calculation and payment to the Government will be to your account.
35. Any economic or tax benefit arising out of the implementation of GST is mandatorily required to be passed on to us by you. Accordingly, you are expected to pass on any direct or indirect benefits arising to you thereon. The responsibility to pass on the above benefits vests with you, as our 'responsible vendors' and we reserve our right to understand and seek the manner/ mechanism in which such benefits are passed on to us.

OTHER POINTS:

36. Unless otherwise stipulated, the Weight/Volume/Quantity recorded at our premises shall be final.
37. The Order shall be void, if at any point of time you are found to be a black listed dealer as per GSTN rating system and further no payment shall be entertained.
38. You shall promptly communicate to us with regard to any change in the registration, issue of blacklisting or any non-compliance irrespective of the fact that whether such events are attributable to you or not.
39. Any local levies and / or other charges levied by any Central/state/local authorities wherever applicable shall be extra and you shall be liable to discharge the same.
40. Truck and Tanker drives carrying the goods shall have a valid license, PUC certificate, required safety equipments, and all other statutory documents and records as may be prescribed by the Government from time to time.

LAW & JURISDICTION:

41. The Order shall be exclusively governed by Indian law. The courts of Mumbai shall have exclusive jurisdiction to settle any disputes or claims that arise out of or in connection with the Contract or its subject matter.