

CORRIGENDUM - 01 to EoI Ref : BEML / EoI / 50T / Manf.

CLOSING DATE : 25th February 2022, Time : 17:00 Hrs

EoI Clarification

SN	Queries by bidders	M/s BEML Reply																																																			
1.	List of Free Issue Material, need clarity as there are long members with chamber	<p>❖ Following Free Issue Materials will be issued from BEML</p> <table border="1"> <thead> <tr> <th>S N</th><th>Drawing No</th><th>Description</th></tr> </thead> <tbody> <tr> <td colspan="3">(a) Forging parts</td></tr> <tr> <td>I.</td><td>50-162 P1</td><td>LINK PANARD ARRGT LH</td></tr> <tr> <td>II.</td><td>50-162 P2</td><td>LINK PANARD ARRGT RH</td></tr> <tr> <td>III.</td><td>50-283</td><td>PIN</td></tr> <tr> <td>IV.</td><td>50-245</td><td>EYE BOLT</td></tr> <tr> <td>V.</td><td>50-221</td><td>CENTRE PIVOT BOLT</td></tr> <tr> <td colspan="3">(b) Casting Parts</td></tr> <tr> <td>I.</td><td>50-160</td><td>BRAKE DRUMS CASTING</td></tr> <tr> <td>II.</td><td>50-158</td><td>WHEEL HUB FRONT & REAR AXLE</td></tr> <tr> <td>III.</td><td>50-153 P1</td><td>CENTRE PIVOT (TOP)</td></tr> <tr> <td>IV.</td><td>50-153 P3</td><td>CENTRE PIVOT (RETAINER)</td></tr> <tr> <td>V.</td><td>50-153 P2</td><td>CENTRE PIVOT (BOTTOM)</td></tr> <tr> <td>VI.</td><td>50-222</td><td>COVER WHEEL HUB</td></tr> <tr> <td>VII.</td><td>50-242</td><td>THRUST PAD</td></tr> <tr> <td colspan="3">(c) Wheel Rim</td></tr> <tr> <td colspan="3">(d) Tyre</td></tr> </tbody> </table> <p>❖ Long members with camber will be supplier scope.</p>	S N	Drawing No	Description	(a) Forging parts			I.	50-162 P1	LINK PANARD ARRGT LH	II.	50-162 P2	LINK PANARD ARRGT RH	III.	50-283	PIN	IV.	50-245	EYE BOLT	V.	50-221	CENTRE PIVOT BOLT	(b) Casting Parts			I.	50-160	BRAKE DRUMS CASTING	II.	50-158	WHEEL HUB FRONT & REAR AXLE	III.	50-153 P1	CENTRE PIVOT (TOP)	IV.	50-153 P3	CENTRE PIVOT (RETAINER)	V.	50-153 P2	CENTRE PIVOT (BOTTOM)	VI.	50-222	COVER WHEEL HUB	VII.	50-242	THRUST PAD	(c) Wheel Rim			(d) Tyre		
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2.	Fixture requirement and the cost of Fixture to be considered in the Quote it self	<p>❖ Fixtures are required for manufacturing of Chassis, Turntable, Axle</p> <p>❖ Yes, cost of the fixture need to be considered in quote during RFP stage</p>																																																			
3.	Need Clarification the BEML Manufacturing and Assembly procedure requirements if any	<p>❖ Standard Manufacturing and Assembly procedures are followed in BEML. Further, Assembly sequence and quality record sheets will be shared with vendor during RFP.</p>																																																			
4.	Need clarity on the Scope of testing on part level and System level	<p>❖ Part Level : Dimensional Check as per drawings, welding quality checks DP/UT, Raw material certification etc</p> <p>❖ System Level Testing: Dimensional Check & tolerances as per drawing, welding quality checks DP/UT etc.</p>																																																			

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5.	Need Clarity on the On Road Test scope	<ul style="list-style-type: none"> ❖ Vendor need to correct or rectify if there are any problems during on road test. following on road tests are performed on 50T Trailer: <ul style="list-style-type: none"> ▪ Braking efficiency, by recording the stopping distance on the plain road. ▪ Service Brake Test at 30kmph ▪ Brake drum heating ▪ Measuring Turning circle diameter ▪ Max. speed test ▪ Functioning of side indicators, braking lamps, tail lamps etc. ▪ Ensure air leakages from Pneumatic line if any
6.	Need Clarity on the Support on the Integration at BEML and what the facilities will be provided by BEML and what is supplier Scope	<ul style="list-style-type: none"> ❖ BEML Support during Integration at BEML: Initially BEML team will guide for integration of Trailer, further vendor need to adopt the same procedure for balance integration. ❖ Facilities provided by BEML: Covered hanger with 10T or 25T overhead crane, compressed air and three phase Electricity. ❖ Vendor Scope: Vendor need to integrate all fabricated items, bought-out aggregates, FIM from BEML and supply final integrated vehicle for CQA testing. (if required welding M/c for rework & small industrial vehicle for Material handling may be permitted)
7.	Need Clarity on the DGQA clearance procedures and scope of supplier in the DGQA process	<ul style="list-style-type: none"> ❖ DGQA clearance procedures: As per approved Acceptance Test Plan (ATP) DGQA representatives will check clear the trailer. ❖ Scope of supplier in the DGQA process: Supplier should participate in DGQA trials, further supplier need to correct defects or update the process as per DGQA guidelines.
8.	Project duration of completion for assessing the project	<ul style="list-style-type: none"> ❖ Project duration: Approximately 12 months
9.	Any Special functional testing requirements and the facility required for the same	<ul style="list-style-type: none"> ❖ No requirement of special functional testing
10.	Any special materials requirement and lead time for Sourcing	<ul style="list-style-type: none"> ❖ No Special materials are required
11.	BEML approved supplier Parts Cost Finalization scope	<ul style="list-style-type: none"> ❖ Approved supplier details will be shared during RFP stage
12.	Surface Preparation and surface coating requirements	<ul style="list-style-type: none"> ❖ The Trailer and its components shall be adequately proofed against rusting and corrosion as per firm's procedure for painting. Painting and finishing of the Trailer shall conform to the highest standard obtainable. ❖ Painting procedure for Trailer will be as follows:- <ul style="list-style-type: none"> ▪ Clean the Trailer thoroughly to remove all traces of rust and grease. ▪ Apply one coat of primer Red Oxide or Zinc Chromate to specification No. JSS: 8010 - 15. PU primer as per IS 13759-1993/C6001-53

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		<ul style="list-style-type: none"> ▪ After covering/concealing the rubber components, apply two coats of paint PU Olive green (IS:13213-1991). Second coat shall be applied after the first coat is dried. ❖ The trailers shall be painted in Olive Green color (ISA color code RA No. 6003). ❖ Paints from standard and reputed manufacturers shall only be used. ❖ Quality Assurance officer shall be at liberty to draw samples of paints for carrying out necessary test. ❖ All hardware items on the chassis shall be suitably plated/painted to prevent from rusting/ corrosion and the same to be approved by the Inspecting Officer. ❖ All maintenance points such as grease nipples/drain plugs/filter necks shall be marked with red paint.