

‘TASK FORCE’ ON “ICEMA-IMTMA”
IMTMA DELEGATION visit to Bharat Earth Movers Limited (BEML Limited), Kolar Gold Fields (KGF)
on 12 August 2021

Summary of the Visit

BEML Plant Visit:

- Mr. Ishwar Bhat, Chief General Manager, BEML Limited welcomed the delegates
 - He reiterated his full support for synergic activities that can happen between BEML and IMTMA
 - He mentioned that BEML is very keen to realise Govt. of India's Atma Nirbhar Bharat vision and are very keen to work with Indian machine tool industry for their requirements of machine tools and related accessories.
- **Manufacturing facilities at BEML Limited:**
 - Design & Development, Manufacturing, Testing and After-Sales-Service of Earth Moving Equipment and its aggregates.
 - The Division manufactures Bull Dozers, Hydraulic Excavators, Wheel Dozers, Wheel Loaders, Tyre Handlers, Gear pumps, Suspension cylinders for dumpers, Side Discharge Loaders, and other equipment for the Mining and Construction Industry. They also manufacture Heavy Duty TATRA Trucks, Heavy Recovery Vehicles (HRV), Armoured Recovery Vehicles (ARV), Armoured Recovery and other aggregates for the Defence Sector.
 - The Earth Moving (EM) division of BEML is equipped with Machining facilities (CNC Machines, CNC lathes, CNC Turning centres etc.), Heavy duty boring machines, Surface and internal grinding machines, Gear manufacturing facilities, Heavy equipment shop, Plate working and fabrication facilities.
 - The manufacturing facilities are spread across Machine Shop 1, Machine Shop 2, Machine shop 3, Gear shop, Fabrication unit, Heavy equipment shop, Hydraulic and Powerline divisions.
 - BEML will also commence working on Aerospace engines in their Mysore division.

Requirements captured during the visit and interactive session:

- a) Replacement of Rigid machines with multi-spindle machines
- b) SPMs for integrating multiple operations, machining area and pin press, EDM machines
- c) Medium and large size metal cutting equipment
- d) Gear grinding and hobbing machines, New de-flashing and polishing machines, Floor boring machines – new and upgradation, with attachments and accessories
- e) Metal 3D printer
- f) Modernisation of complete machinery in Machine Shop 1.
- g) Low cost automation for welding operations
- h) In-situ machining
- i) IoT related general Automation solutions for tracing and tracking of components
- j) Retrofitting and related service support
- k) Laser solution for localised cleaning of paint and rust
- l) Solution for inconsistency in their broaching machine
- m) Testing and calibration facilities for some of their equipment
- n) BEML would like to associate with IMTMA for customised Training programmes for their employees

Programme schedule:

Programme schedule - Visit to BEML Limited, 12 th August 2021, KGF	
Time	Schedule
1000 - 1010 hours	Welcome address by key officials of BEML
1010 - 1020 hours	Introduction of IMTMA delegation.
1020 - 1040 hours	Brief presentation by BEML on their expectations of machine tools and related requirements
1040 - 1055 hours	Presentation by IMTMA.
1055 - 1115 hours	Interactive meeting between key Officials of BEML and IMTMA Delegation.
1115 - 1400 hours	Visit to the facilities of BEML.
1405 - 1445 hours	Lunch
1445 – 1625 hours	Visit to Hydraulic and Powerline Division
1625 - 1630 hours	Vote of thanks by IMTMA delegation to key officials of BEML.
1630 hours	Departure of IMTMA delegation from BEML to BIEC

The following Delegates visited BEML Limited, KGF on 12 August 2021

	Name	Company	Designation
1	Mr.T.K.Ramesh	Micromatic Machine Tools Pvt. Ltd.	Managing Director
2	Mr.Rajendra Rajamane	Rajamane Industries Pvt. Ltd.	Managing Director
3	Mr. Chandrashekar N Sajjan	Bharat Fritz Werner Ltd.	Jt. General Manager - Marketing
4	Mr. P.Karthikeyan	Lakshmi Machine Works Ltd.	Head - Govt. & Defence business
5	Mr.S.Pradeep	Setco Spindles India Pvt. Ltd.	Assistant General Manager
6	Mr. H.S.Nikhila	Precitec Precision Machineries Pvt. Ltd.	Managing Director
7	Mr. Krishnaraj Bekal	Grind Master Machines Pvt. Ltd	Manager Business Development
8	Mr. John Paul Chettier	Alex Machine Tools Pvt. Ltd.	Regional Head - West
9	Mr. Mukesh Dubey	Trumpf (India) Pvt. Ltd.	Assistant Manager – Business Development and Marketing
10	Mr. Meenakshi Sundaram	ISGEC Heavy Engineering Ltd.	Dy. General Manager – Sales & Mktg.
11	Mr. Madhan Kumar	AMTTF	Manager
12	Mr.Mahesh Gopalakrishna	IMTMA	Deputy Director

Next Actionable points:

- Official thanking letter & Invitation to IMTMA Tech centre
- Getting list of contacts met from BEML & its circulation
- Sending Relevant Links of IMTMA site for consolidated IMTMA membership & offerings
- ICEMA report to membership
- Direct relevant interactions from membership
- IMTMA Training vertical to establish direct interactions

Contact details at BEML Limited:

	Name	Department	Email id
1	VISHWANATHA N G	Planning	ep@beml.co.in
2	NEHRU BABU A	Maintenance	es@beml.co.in
3	PATIL R A S	Materials Management	em@beml.co.in