

**TECHNICAL SPECIFICATIONS
FOR PROCUREMENT OF TECHNOLOGICAL/UNIVERSAL TROLLEY**

RFP No. BM(H)/CMM/RFP/25-26/2106, Date: 09th Jan 2025

1. **Description:** The Universal Trolley is used for transportation of the Article within premises of Technical Position (TP) for preparation, storage and defueling operation. It should be able to carry corseted/canisterised/containerized article.
2. **Scope of work:**
 - A. The scope of work includes the manufacturing/testing of Universal/Technology Trolley as per approved QA plan.
 - B. Manufacturing of Dummy loads (equivalent to 4tons/5.5tons/6tons/8.5tons) is required to undertake load testing and acceptance of system.
 - C. Vendor shall prepare draft QAP as per prescribed norms of defence application/standard including testing and acceptance norms for the trolley shall submit to BAPL for approval.
 - D. The work includes training of Indian Navy nominated officers for duration of 10 working days.
 - E. Vendor should provide Repairs only, during O&M warranty and CAMC for three years post expiry of warranty. The warranty should be for period of two years.

3. List of deliverables

The vendor has to supply the following as part of the order:

Sl. No.	Item Description	Reference Drawing no.	Item code	Quantity
1	Universal/ Technological trolley	Post signing of NDA	101020104100	04 no.
2	SPTA	-	-	04 set
3	Standard tool set	-	-	04 set
4	Technical/ operational/Maintenance Manual with IETM	-	-	02 set (Hard/Soft copies)

Table 1: List of deliverables



4. Technical Specifications

A. Manufacturing drawing

- (i) Manufacturing to be as per guidance drawing (shared post signing of NDA). The detailed production drawing generation in AutoCAD / Hard copy (as required by End User) and manufacturing process sheets should be submitted to BrahMos for approval.
- (ii) The production quality / acceptance and testing / painting specification should be as per approved Quality Assurance Plan (QAP). The details of QAP will be worked out jointly between vendor and BAPL.

B. Basic parameters and dimensions (schematic is referred below)

SI no.	Technical Specs	Dimension
A	Length with Tow bar	11900mm
B	Width	1200mm
C	Height of Trolley up to chassis	780mm
D	Clearance	300mm
E	Travel of the Jack	400mm
F	Speed of Trolley on smooth asphalted roads	20km/hr
G	Speed of Trolley on other roads	15km/hr
H	Towing speed with Articles	5km/hr
I	Type of brake drive	Mechanical, Rod type, Hand operated

*BAPL/BAPL nominated will be the inspection agency for the deliverables and any dimensional/machining deviation is not recommended post finalization of drawings.



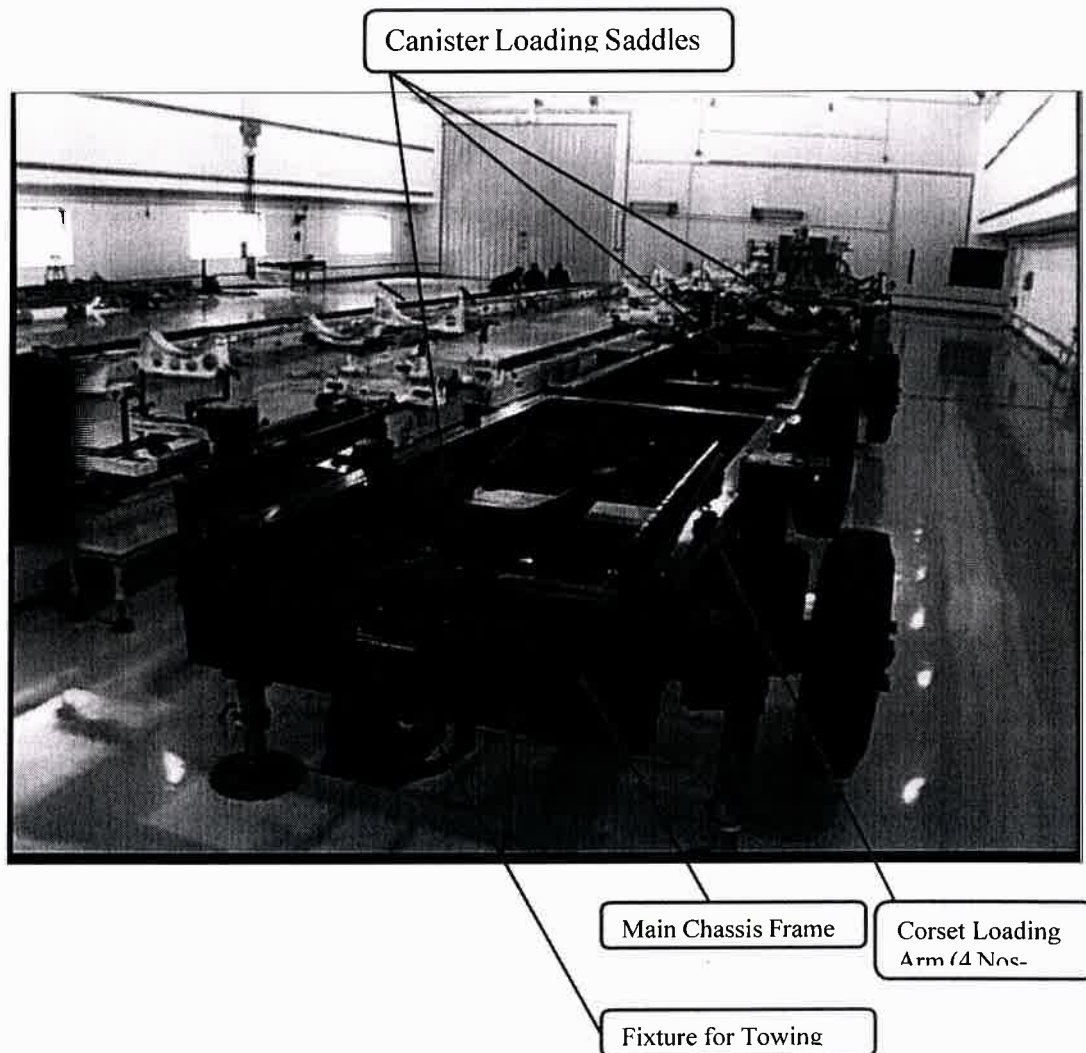


Fig 1 Schematic of Trolley

C. Acceptance testing

BAPL/BAPL nominated agency will be the QA inspection/ acceptance agency.

5. PDI and JRI

- A. Pre-Delivery Inspection (PDI) will be carried out by M/s BAPL at vendor premises.
- B. Joint Receipt Inspection (JRI) will be carried out jointly by M/s BAPL, supplier and Rep of OTP Tunir at INS Tunir.



6. Marking and Packing

The deliverables shall be packed in wooden boxes/suitable container with supports for storage and transportation as per Def. standard norms.

7. Delivery schedule and location

- A. The item to be supplied within **12 months** from the date of issue of purchase order (Tentatively by 30 Dec 2026)
- B. Deliverables to be packed/ preserved and transported by the supplier to OTP Tunir.

