

Annexure-A: Technical Specification for Planishing Hammer with tools kit

Brief Scope:

Scope involves following:

- Supply of Planishing Hammer with tools kit as per the Specification in the Table below.
- Demonstration on Operation of Planishing hammer and its tools at BEML, Mysore.

Mandatory Requirements:

- Make and model of Planishing hammer with tools kit offered shall be clearly indicated in the offer.
- Firm shall provide detailed specification of the Planishing Hammer along with tools kit offered. Where ever numerical values are to be specified, comments like "YES", "COMPLIED", "AGREED" is not acceptable and will be categorically rejected.
- Applicable product catalogue/ technical leaflet of products shall accompany the offer for evaluation purpose.
- Firm shall submit an "Authorization Letter" for representing their principles without which the offer will be summarily disqualified.

Quantity: 01 set. (Set consists of Planishing Hammer-1 no and tools as mentioned below)

Delivery: 08 Weeks - desirable.

Final Acceptance: Inspection and clearance as per technical specifications.

Sl. No.	Equipment	Specifications	Offer from Vendor with Make & Model Details	Remarks
1	Planishing Hammer	Make & Model		
		Design: Pneumatic operated planishing hammer with tools (Details appended below)		
		Technical parameters of Planishing hammer is as follows		
		Sound intensity level: 100 dB(A) or less		
		Audibility: 100 dB(A) or less		
		Factored acceleration value: 2.5 m/s ² or better		
		Connection air supply pressure: Operating air pressure available at BEML is 5 to 6 bar. (Suitable Connector / Regulator to be provided) Note: Suitable air dryer unit to be provided by the firm.		

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		Hose: Flexible spiral hose of 5 mtr length (min). Diameter of the hose to suit to the machine.		
		Length	160 - 180mm (approx)	
		Width	50 to 70mm (approx)	
		Height	240 to 250mm (approx)	
		Net Weight	2.50 kgs(Max)	
2	Scope Of Supply of Kit	Planishing Hammer with tools Kit shall include: 1. Planishing Hammer- Qty-01 No. 2. Planishing insert - Steel- (Ø48 / R500) - Qty: 01 no. 3. Curving insert - Steel- (18x40/R500)- Qty: 01 no. 4. Stretching insert - Steel- (Ø40 / R60)- Qty: 01 no. 5. Stretching insert - Steel- (Ø40 / R50)- Qty: 01 no. 6. Stretching insert - Steel- (Ø48 / R70)- Qty: 01 no. 7. Planishing insert - Synthetic- (Ø48 / R500)- Qty: 01 no. 8. Blank (Rectangular) - Synthetic- (18x40 / Flat)- Qty: 01 no. 9. Stretching insert - Synthetic- (Ø40 / R60)- Qty: 01 no. 10. Stretching insert - Synthetic- (Ø40 / R50)- Qty: 01 no. 11. Stretching insert - Synthetic- (Ø48 / R70)- Qty: 01 no. 12. Blank (Round) - Synthetic- (Ø48 / Flat)- Qty: 03 nos. 13. Regular Shaft - Steel- (Ø40)- Qty: 01 no. 14. Swivel shaft - Steel - (Ø40)- Qty: 01 no.		
3	Acceptable Make/Brand	Eckold make or any equivalent reputed make.		
4	Installation & Commissioning	1. Installation & Commissioning shall be done by suppliers engineer at BEML, ASMD, Mysore 2. All electrical & Penumatic connections, required for installation of the machine, are to be carried out by the vendor at BEML, ASMD, Mysore 3. Requirement of power, water & Air lines to be specified by the vendor.		
5	Warranty	This comprehensive warranty shall remain valid for 12 months from the date of installation and commissioning.		

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6	Training	Firm shall provide training on operating of the machine & maintenance of the machine to BEML personnel.		
7	Manuals	Firm shall provide hardcopies of Manuals-two numbers (At the time of supply of the machine).		
8	Service	Firm shall indicate the name & address of the agency for after sales service facilities available for the machine in India.		