

## **TENDER FOR URGENT REQUIREMENT**

**TENDER NO. FDP-P1519-  
TSS-2026-02**

Sanjeevani Vikas Evam Jan Kalyan Samiti invites sealed bids from certified industrial machinery manufacturers, authorized dealers, and engineering firms for the procurement, supply, installation, and commissioning of a heavy-duty Twin Shaft Shredder with a capacity of 1 Ton Per Hour (TPH). This machinery will support our ongoing solid waste management and recycling projects in Sundarnagar, Mandi District, Himachal Pradesh.

### **Structure and Design**

- » **Input Material Type:** Municipal Solid Waste (MSW) Suitability: Medical waste, E-waste, agricultural waste, hotel kitchen waste, jute, rubber, and textile waste.
- » **Machine Type & Operation Type:** Twin Shaft Shredder, Operation: Heavy Duty, Working Principle: Low-speed, high-torque shredding using counter-rotating blades.
- » **Shaft Details Material of Construction (MOC):** EN-8
- » **Cutter / Blade Details Material:** High Carbon Alloy Steel, Blade Thickness: 20 mm, Number of Blades: 18, Diameter: 280 MM
- » **Cutting Chamber Size:** 545 mm × 600 mm, Design: Heavy-duty enclosed chamber for efficient shredding and safety
- » **Drive System: Motor Capacity:** 15+15 HP, Speed: 960 RPM, Efficiency Class: IE2, Poles: 6 Pole, Power Supply: 440V, 50 Hz, 3 Phase, Gearbox: Heavy-duty geared system for high torque output
- » **Base Frame Material:** Mild Steel, Construction: Rigid and vibration-resistant structure
- » **Control System - Type:** STAR DELTA, PLC Based Control Pane, Features: Automated operation, Safety interlocks, Easy monitoring and control
- » **Performance & Safety Features:** Low power consumption, Low noise operation, Minimal vibration, Safe operation with low risk of material ejection, Long service life of cutters and machine components, Handwritten Notes & Scope Additions, Location Reference: Sundar Nagar, Inclusions: Including Installation & Training, Additional Structural Requests: “Need M.S. - Standing H”

### **Deliverables Expected:**

- » **Equipment Supply:** Delivery of the complete, factory-inspected twin shaft shredder unit and automated PLC control panel assembly to Sundarnagar, Mandi.
- » **On-Site Commissioning:** Structural positioning, rigid alignment check, stable power line integration, testing under full load, and formal site commissioning.
- » **Capacity Building & Safety Training:** Providing on-site operator handling training, regular clearing guidelines, and safety interlocking protocols to designated local recycling center staff.
- » **Documentation Support:** Handing over electrical schematic layouts, PLC user guides, periodic blade maintenance manuals, and comprehensive manufacturer warranty documents.

### **Vendor Criteria:**

- » **Domain Experience:** Proven technical background in manufacturing, supplying, or servicing heavy-duty industrial shredding machinery or automated MSW plants.
- » **Maintenance & Service SLA:** Due to the processing load, the vendor must commit to deploying service technicians to Mandi district within 48 hours for immediate downtime troubleshooting.
- » **Logistical Inclusion:** Financial proposals must be entirely inclusive of packing, multi-state transit, heavy crane unloading, and complete site setup across hilly terrains.

### **How to Apply:**

- » Company profile and contact details.
- » Proof of previous supply experience (with references, preferably in the region).
- » Detailed quotation.
- » Letter of Expression of Interest.

**“Help us create a world of difference. Together, we can build a sustainable future for all!”**

**Last date for application: 04th June 2026**

**[www.sanjeevaningo.org](http://www.sanjeevaningo.org)**

**Please email your tender/EOI: [procurement@sanjeevaningo.org](mailto:procurement@sanjeevaningo.org)**

**Note: Right of acceptance or rejection of application is reserved.**

