



Lean Manufacturing Assessment of Mattress Recycling Facilities

Request for Proposals

Issue Date: January 23, 2019

Full Proposal Submission Deadline: March 1, 2019

Mattress Recycling Council

Attn: Michael Gallagher

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www.mattressrecyclingcouncil.org

Background

The Mattress Recycling Council (MRC) is a 501(c)(3) formed by the mattress industry to operate recycling programs (known as Bye Bye Mattress) in states which have enacted mattress recycling laws: California, Connecticut and Rhode Island. MRC educates the mattress industry and consumers about state mattress recycling laws and works closely with local governments, waste management professionals, recyclers and others to create an accessible and efficient mattress collection and recycling network.

The [Mattress Recycling Council](#) (MRC) has established a Research program to increase the productivity and throughput of its contracted mattress recycling contractors. Currently, MRC has eleven (11) mattress recycling facilities under contract in California and two (2) in Connecticut. Mattress recycling facilities are labor intensive operations which strongly rely on manual and mechanical separation of components. These recovered components are either compacted, baled or shredded, and sold to end users.

MRC is seeking experienced Lean Manufacturing / Six Sigma experts to help each of these recyclers evaluate their processes and procedures. The experts will engage each recycler to identify opportunities for improvement and recommend possible modifications which could enhance operational efficiency and recovered product quality. The scope of this project is limited to lean manufacturing assessments only. Should MRC and its recycling facilities find merit, follow up workshops to develop and continuous improvement processes will be considered upon completion of the first phase of the project.

Interested parties should request a brief conference call with MRC to review the scope and purpose of this study before submitting a proposal.

QUALIFIED APPLICANTS

- Only companies or individuals with experience facilitating lean manufacturing best practices and methodologies will be considered.
- The project leader must be a certified lean manufacturing / six sigma blackbelt.

PROJECT DELIVERABLES

- By June 15, 2019, conduct lean manufacturing workshops at each of the following facilities:
 - Cleaner Earth Materials – 504 S. Western Avenue, Santa Maria, CA 93458
 - Cristal Materials, Inc. – 6825 McKinley Avenue, Los Angeles, CA 90001
 - Cristal Materials, Inc. – 510 W. Carob St., Compton CA 90220
 - R5 Recycling – 1705 S. Mountain Avenue, Monrovia, CA 91016
 - R5 Recycling – 84 Business Park Dr., Perris, CA 92571
 - DR3 Recycling – 7041 Las Positas Rd., Suite F, Livermore, CA 94550
 - DR3 Recycling - 4447 S. Airport Way, Stockton, CA 95206
 - DR3 Recycling – 1233 Commerce Ave, Woodland, CA 95776
 - Mat Services, LLC – 1020 Mildred St. Building D, Ontario, CA 91761
 - Rest in Peace Recycling - 3441. S. Willow Ave. Fresno, CA 93725
 - Willimantic Waste - 185 Recycling Way, Willimantic, CT 06226
 - Park City Green -459 Iranistan Ave Bridgeport, CT 06604

- By June 15, 2019, issue a confidential report to each facility summarizing findings and opportunities for improvement.
- By July 1, 2019, issue a non-confidential summary report to MRC suitable for inclusion into its annual report.

COST PROPOSAL

Interested companies or individuals should submit a proposal outlining their approach to the project, a brief bio of individuals that will perform the tasks noted above, three references for work performed in the past on similar projects, total cost estimate, and length of time required to complete the study.

MRC will award the project based on a combination of service capabilities, references, project timeline and cost.

Interested proposers should provide the following data in their proposals*:

1. Company/Organization name and address
2. Contact person(s)
3. Project information
 - a. Personnel/Qualifications (40%)
 - b. Timeline/Cost per task (25%)
 - i. Site specific lean manufacturing assessments
 - ii. Recycler Reports
 - iii. Summary Report
 - c. Approach/Project plan (25%)
4. References (10%)

* Proposal scoring criteria weighting is provided in parentheses.

TIMELINE

Interested parties should email questions to Mike Gallagher at mgallagher@mattressrecyclingcouncil.org by February 15, 2019. A Q&A document will be posted on the [MRC Research Program](#) webpage by February 22, 2019. The deadline for full proposals is March 1, 2019. The project must be completed by July 1, 2019.

Key Date	Actions Taken
January 23, 2019	RFP Release. Question period opens
February 15, 2019	Question period closes
February 22, 2019	Q&A document posted
March 1, 2019	Full proposal due date
March 15, 2019	Notice of award and contract execution begins

Proposals must be sent in PDF format and not exceed 5 pages in length. Applications must be emailed by March 1, 2019 no later than 5 pm PST to Mike Gallagher at mgallgher@mattressrecyclingcouncil.org.

Applicants should acknowledge any potential conflicts of interest with MRC within their submittal.

Award recipients will be required to agree to MRC's Project Terms and Research Contract. MRC may also use non-confidential research project documentation for California state reporting requirements and communication purposes. Confidential information must be clearly marked as such and may be subject to regulatory disclosure requirements of CalRecycle or other state entities.

Additional information can be found in the [MRC Research Program](#) website.