

# Proposal for Designing and Implementation of Automatic coolant filtration and Recirculation system

To

CONFETTI INDIA PVT LTD  
S-44, South Side of G.T Road,  
Industrial Area, Ghaziabad (U.P) INDIA, 201009

From

ABES Engineering College,  
a unit of Society for Educational Excellence,  
a society duly established under the laws of India,  
having its registered office at 80, Navyug Market, Ghaziabad 201003

ABES Engineering College shall hereinafter be referred to as "ABESEC" and CONFETTI INDIA PVT LTD shall hereinafter be referred to as "COMPANY" and, collectively, as the "Parties".

## 1 SCOPE OF PROPOSAL

COMPANY and ABESEC shall work jointly to carry out the applied research project(s) in the agreed area for developing and providing solution as stated below for the given scope of collaboration.

### SCOPE OF COLLABORATION

The parties agree to collaborate in the required consultancy solution as mentioned below on an applied research project basis:

#### "Proposal for Designing and Implementing of Automatic Coolant Filtration and Recirculation System."

The scope of work is separately covered below.

This research project is undertaken by ABESEC as an academic institute to support the industry at a nominal cost, and the COMPANY has extended the opportunity to institute in the spirit of supporting academic institutes come forward and participate in industrial problem solving.

## 2 ACTIVITIES AND OBLIGATIONS OF COMPANY

- 3.1. COMPANY shall be responsible for providing access to its plant for which project is being undertaken to ensure both, a smooth flow of information during design face and also smooth implementation of project.
- 3.2. COMPANY will provide company know-how, which may be deemed necessary for the project.
- 3.3. COMPANY shall take reasonable steps to prevent ABESEC know-how, which are meant only for the purpose of conducting the Research Projects, from unauthorised usage or falling into unauthorised hands.



### 3 ACTIVITIES AND OBLIGATIONS OF ABESEC

- 4.1. ABESEC shall strive to complete the activities in the project and deliver the solution to COMPANY as per the project objectives and schedules.
- 4.2. ABESEC shall take reasonable steps to prevent COMPANY know-how, which are meant only for the purpose of conducting the Research Project, from unauthorised usage or falling into unauthorised hands.

### 4 FINANCIAL ARRANGEMENTS

The company will pay a consideration to ABESEC as will be detailed in phase wise commercial proposals submitted.

### 5 ASSIGNMENT

The Parties hereto shall not transfer or assign any of their rights and obligations under this proposal to any other party without obtaining prior consent in writing from other Parties hereto.

### 6 TERM / DURATION

This proposal shall be valid for a period 15 days.

### 7 ARBITRATION, APPLICABLE LAW AND JURISDICTION

12.1. Any disputes between the parties shall be resolved by mutual discussions. Unresolved disputes, if any, shall be subject to resolution by a panel formed by the signing authorities to this proposal from either side or personal nominated by them in writing, for the project concerned. If the dispute cannot be resolved by the said panel, the matter shall be resolved by arbitration in accordance with the Arbitration and Conciliation Act, 1996. The venue of arbitration shall be Ghaziabad, Uttar Pradesh. The decision of the arbitrator shall be binding on both parties

12.2. ABESEC will retain all the rights, whatsoever, including IPR on the solution.

12.3. This proposal shall be governed by the Laws of India and subject to the jurisdiction of Courts in Ghaziabad, Uttar Pradesh.

### 8 GENERAL

13.1. The headings of various clauses herein are inserted for convenience of reference and are not deemed to affect the meaning or construction of relative provisions.

13.2. The obligation under this proposal on ABESEC is limited to the commercial value of the research project as mentioned in pricing portion.

13.3. The scope of work under this proposal will be based on the **Scope of Work Phase 1**.

### 9 FORCE MAJEURE

Neither party shall be held responsible for non-fulfilment of their respective obligations under this Agreement due to the exigency of one or more of the force majeure events such as but not limited to acts of God, War, Flood, Earthquakes, Strikes not confined to the premises of the party, Lockouts beyond the control of the party claiming force majeure, Epidemics, Riots, Civil Commotions etc. provided on the occurrence and cessation of any such event the party affected thereby shall give a notice in writing to the other party within one month of such occurrence or cessation. If the force majeure conditions continue beyond six months, the parties shall jointly decide about the future course of action.

IN WITNESS WHEREOF, the Parties hereto have set and subscribed their respect; hands and seal on the day, month and year first herein above mentioned.

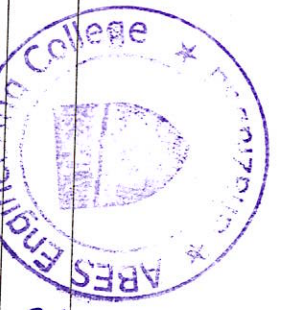
This Agreement has been signed by the Parties in two (2) identical copies, of which each Party has taken one.

Place and date Ghaziabad GHAZIABAD

By [Signature] ABES Engineering College

Name DHIRAJ KUMAR CHAUHAN Sachin

Title M.D V.P.



For CONFETTI INDIA PVT. LTD.

Director



## Scope of work (phase 1)

**Reference:** Proposal for Designing and Implementation of Automatic coolant filtration and Recirculation system

### Objective

Designing of an integrated (common for all 3 machines) and completely automatic system for filtration & recirculation of the cooling mixture flowing out of the grinding operations.

The problem has been separated into two Phases:

- 1) Design and simulation **(Phase 1)**
- 2) Fabrication **(Phase 2)**

### Scope of Work (Phase 1)

- To design and share the design for approval of the Automatic coolant filtration and Recirculation system.
- To design the system in accordance with layout of company plant.
- The purpose of this project is also to give real time exposure of industry to students.

Following is a brief and tentative statement of expenses that is expected to be incurred for the design and simulation of the project.

### **Mechanical Design Estimates**

Sr. No.	Activity	Quantity	Hrs.
1.	Magnetic Separator	1	35
2.	Tanks design and simulation	3	20
3.	Centrifugal Separator	1	40
4.	Pump	3	10
5.	Foundation Frame	---	20
6.	Centrifugal Separator simulation	1	40
7.	Foundation Frame simulation	---	15
8.	Assembly		30
Total			210

### Electrical Design Estimates

Sr. No.	Activity	Total Hours
1.	Panel design	
2.	Sensor Calibration	
3.	PCB Design	80
4.	Individual PCB Testing	
5.	Assembled PCB Testing	

### Commercials (phase1):

#### A. Estimated Expenses (in Rs.)

Sr. No.	Head	Amount (INR)
1.	Designing of mechanical and electrical (290 hours @ 500 per hour)	145000
2.	Miscellaneous (Market survey and component purchase)	20000
3.	Total	165000

**Special Discount Offered : 20%**

**Special Pricing : Rs. 132000/-**

**Terms and Conditions:** The project will be governed by the following terms and conditions:

1. 50% of the total estimated expenses as above to be incurred in phase one to be paid in advance before the planned date of start of the project.
2. 50% of the total amount to be paid at the time of final delivery of design i.e. at the end of phase 1.
3. The work on the project is expected to start after one week of confirmed order along with advance amount.
4. The fabrication and Implementation cost will be shared after the finalization of design.
5. GST and other taxes will be charged as applicable.



For CONFETTI INDIA PVT. LTD.

Director

## Schematic of Proposed Solution

