

Please tell us about your company details

Name of the client: _____

Building No: _____ Street: _____

City/Town: _____ State: _____ Pin code: _____

Telephone: _____

Email: _____

Website: _____

Site Information

Ambient temperature at site: - Min____ deg C Max____ deg C

Altitude: - _____Meters above sea level

Relative humidity at site: - Min____% Max____%

Power voltage/Hz: - _____Voltage _____Hz

3 Phase, 1 neutral: - ☐ Yes ☐ No

Cooling water available: - ☐ Yes ☐ No

Raw water available: - ☐ Yes ☐ No

Pneumatic air available: - ☐ Yes ☐ No

Place of machine installation: - ☐ Hazardous ☐ Non hazardous

Please specify IP protection required: - ☐ Standard IP55 ☐ Special IP____

____Main Motor ____Lube oil pump ____Small motors ____Junction box

____Heaters and Thermocouple ____PLC panel ____Drive panel

Scope of supply and work

☐ Only extruder

☐ Any addition please select below,

Extruder supplier scope:

☐ Mezzanine floor ☐ Refill hoppers ☐ Conveying Gravimetric feeder

☐ Volumetric feeder ☐ Screen changer ☐ Melt pump ☐ Classifier

☐ Water bath ☐ Air knife Pelletizer ☐ Under water pelletizer

☐ FG storage and conveying ☐ 25Kg/Jumbo bag packing and sealing

Extruder supplier work: -

☐ Complete plant engineering ☐ Cable supply, laying and termination

☐ Upstream and downstream equipment supervision work

☐ Utility piping supply and connection ☐ De-dusting system and ducting work

Note: - Manpower and material handling resources need to be arranged by customer.

Application details

Basic recipe details: :

End Application details:

- ☐ Industrial application ☐ Home appliance ☐ Electrical and electronics
☐ Automotive ☐ Housing and construction ☐ Packaging ☐ Specialty

End product usage:

- ☐ Extrusion ☐ Molding

End product form:

- ☐ Granules ☐ Sheet

End product testing method:

- ☐ ASTM ☐ ISO ☐ Will be provided before contract

Bench mark available:

- ☐ Yes ☐ No ☐ Will be provided before contract

If yes, please specify:

____ MFI ____ Impact ____ Tensile ____ Flexural ____ Flammability ☐ Will be provided

before contract

If any other, please specify:

Lab trial required:

- ☐ Yes ☐ No

If yes, please specify location for the lab trial:

- ☐ STEER India ☐ STEER Japan ☐ STEER china ☐ STEER America

Willing to send sample along with MSDS to specified location:

- ☐ Yes ☐ No

Raw material details

Formulation-1

Sl	Raw material Name	Bulk density gram/cc	Physical form(Flakes/granules/powder/liquid)	Size in mm/micron/ Cps	Feed rate %
1					
2					
3					
4					
5					
6					
7					

Formulation-2

Sl	Raw material Name	Bulk density gram/cc	Physical form(Flakes/granules/powder/liquid)	Size in mm/micron/ Cps	Feed rate %
1					
2					
3					
4					
5					
6					
7					

Raw material details

Formulation-3

Sl	Raw material Name	Bulk density gram/cc	Physical form(Flakes/granules/powder/liquid)	Size in mm/micron/ Cps	Feed rate %
1					
2					
3					
4					
5					
6					
7					

Raw material storage:☐ Bulk silo☐ Inside warehouse**Type of screening required:**☐ Magnetic separator☐ Metal separator

Extruder details

Extruder specification required from: ☐ STEER ☐ Customer

CustomerIf customer, please specify as below:

Platform: ☐ Omega (Do/Di 1.71) ☐ Mega (Do/Di 1.55) ☐ Alpha(Do/Di1.49)

Type of process: ☐ Premix ☐ Split feed

Expected throughput: _____ kg/hr

Screw diameter: _____ mm

Screw speed: _____ rpm

Motor: _____ kW

Motor type: ☐ Water cooled ☐ Air cooled ☐ Synchronous servo motor

Nominal torque: _____ Nm/shaft

Specific torque: _____ Nm/cm³

Gearbox make preferred: ☐ PIV ☐ Zambello ☐ Eisenbeiss ☐ STEER

Note: - Gearbox cooling by default on right side look from die end

Note: - STEER gearbox available up to 60 mm extruders

No of side feeder required: -

☐ 1 ☐ 2 ☐ 3 if more please specify _____

Preferred L/D: - _____

Type of barrels: - ☐ 4D ☐ 6D

Maximum barrel temperature: - _____ deg C

Barrel, Element and Shaft MOC preference: ☐ STEER ☐ Customer specified

If customer specified please provide below details,

Processing zone details,

Barrel Length*															
Barrel Type**															
Barrel preferred MOC***															
Element Preferred MOC***															
Shaft MOC***															

* 4D or 6D length

** 1-Intake, 2-Closed, 3-Side feed, 4-ATM Vent, 5-Vaccum Vent , 6-Liquid injection

*** Customer to specify required MOC

Extruder details

Drive and PLC panel cooling type:-

☐ Fan cooled

☐ Air Condition

Cable entry to Drive and PLC panel:-

☐ Top

☐ Bottom

Cable exit from Drive and PLC panel:-

☐ Top

☐ Bottom

Note: - Cable exit will be from the side of the panel for PLC panel supplied with plug and play type cables

Electrical STD preference if any please specify:

Preferred operating interface: -

☐ Basic push button type

☐ HMI type

☐ Industrial PC type

Operating side when viewed from Die end

☐ Right side

☐ Left side

TCU position when viewed from Die end

☐ Right side

☐ Left side

Vacuum system when viewed from Die end

☐ Right side

☐ Left side

Side feeder when viewed from Die end

☐ Right side

☐ Left side

Please specify/attach additional information in case of customization required :

Other details

Extruder maintenance resource:

☐ In house ☐ External/contract ☐ NA

Extruder maintenance resource:

☐ Unskilled ☐ Semi-skilled ☐ Skilled ☐ NA

Type of training required from Extruder supplier:

☐ TSE operation ☐ TSE maintenance ☐ Application processing ☐ NA

Color coding:

☐ Standard, Machine base, motor and Panels:RAL7035, Gearbox and feeders: RAL5009, All types of Gaurds: RAL1003,

☐ Non Standard, please specify details _____

Extruder Manuals:

☐ Standard English ☐ Other language, please specify _____

Project details

Expected finalization time line: _____ Weeks

Expected delivery time: _____ Weeks