

Please tell us about your company details

uilding No:	Street:	
City/Town:		 Pin code:
Telephone:		
Email:		
Website:		

Ambient temperature at site: -	Min deg C Ma	ax deg C
Altitude: -	Meters above sea	a level
Relative humidity at site: -	Min% Ma	ax%
Power voltage/Hz: -	VoltageHz	
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: -	O Hazardous	O Non hazardous
Please specify IP protection requ	ired: - O Standard IP55	O Special IP
Main MotorLube o	il pumpSmall motors	Junction box
Heaters and Thermocouple	PLC panel	_Drive panel



Scope of supply and work

\square Only extruder			
☐ Any addition pleas Extruder supplier sco	,		
\square Mezzanine floor	\square Refill hoppers	☐Conveying Gravime	etric feeder
\square Volumetric feeder	⊂ ☐ Screen changer	\square Melt pump	\square Classifier
\square Water bath	\square Air knife Pelletizer	\square Under water pellet	izer
☐FG storage and co	nveying	□25Kg/Jumbo bag p	acking and sealing
Extruder supplier wo	ork: -		
□Complete plant en	gineering	\square Cable supply, layin	g and termination
☐ Upstream and do	wnstream equipment s	upervision work	
☐ Utility piping supp	oly and connection	\square De-dusting system	and ducting work
Note: - Manpower ar	ad matarial bandling ra	sources need to be are	ranged by customer
	iu materiai nanuing re	sources need to be an	anged by customer.



Application details

End Applicat	ion details:			
☐ Industrial a	application	☐Home app	oliance	☐ Electrical and electronics
□Automotiv	e	\square Housing a	nd construction	\square Packaging \square Specialty
End product	usage:			
☐ Extrusion	\square Molding			
End product	form:			
☐ Granules	☐ Sheet			
End product	testing method	d:		
\square ASTM	□ISO	\square Will be pr	ovided before co	ontract
Bench mark	available:			
□ Yes	□No	\square Will be pr	ovided before co	ontract
If yes, please	specify:			
MFI	Impact	TensileFl	exural Flam	mability \square Will be provided
before contra	ıct			
If any other,	please specify:			
Lab trial requ	ıired:			
☐ Yes ☐ No				
		on for the lab	trial:	
	specify location			
		EER Japan	☐STEER china	a □STEER America
If yes, please ☐ STEER Indi	a □ ST	•	☐STEER china	



Raw material details

Formulation-1

SI	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

SI	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

SI	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	\square Inside warehouse

Type of screening required: \square Magnetic separator \square Metal separator



Extruder details

CustomerIf customer, please specify as below: Platform: Omega (Do/Di 1.71)
Type of process:
Expected throughput:kg/hr Screw diameter:mm Screw speed:rpm Motor:kW Motor type:
Screw diameter:mm Screw speed:rpm Motor:kW Motor type:
Screw speed:rpm Motor:kW Motor type:
Motor:kW Motor type:
Motor type:
Nominal torque:Nm/shaft Specific torque:Nm/cm3 Gearbox make preferred:
Specific torque:Nm/cm3 Gearbox make preferred:
Gearbox make preferred:
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
Note: - STEER gearbox available up to 60 mm extruders No of side feeder required: - 1 2 3 if more please specify
No of side feeder required: - 1 2 3 if more please specify
□ 1 □ 2 □ 3 if more please specify
Preferred L/D:
Type of barrels: - \Box 4D \Box 6D
Maximum barrel temperature: deg C
Barrel, Element and Shaft MOC preference: \square STEER \square Customer specified
If customer specified please provide below details,
Processing zone details,
Barrel Length*
Barrel Type**
Barrel preffered MOC***
Element Preffered MOC***
Shaft MOC***

^{* 4}D or 6D length

^{**} $\mathbf{1}$ -Intake, $\mathbf{2}$ -Closed, $\mathbf{3}$ -Side feed, $\mathbf{4}$ -ATM Vent, $\mathbf{5}$ -Vaccum Vent , $\mathbf{6}$ -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:-	□ Тор		Bottom
Cable exit from Drive and PLC panel:-	□ Тор		Bottom
Note: - Cable exit will be from the side of the	panel for PLC panel s	upp	lied 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	O 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
Side recaer when viewed from Die end			
side reeder when viewed from Bie end			
Please specify/attach additional information in			



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:
\Box TSE operation \Box TSE maintenance \Box Application processing \Box NA
Color coding:
\square 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