

Sr. #	Description	Specification	Qty
1	NC Centerless Grinding Machine	As per attached Annexure-A	01 set
Note	Duly filled check list available at Annexure=B shall be submitted along-with offer		

## NC Centreless Grinding Machine

Sr. #	Description	Dimension / Specifications
1	Make / Origin	Europe, Taiwan, South Korea, Turkey, China
2	Standard Work (Dia)	Ø2 ~ 250 mm
3	Grinding Wheel Size (Dia)	Ø 500 - 700 mm
4	Regulating Wheel Size (Dia)	Ø 250 - 350 mm
5	Grinding Wheel Speed	900 - 1100 rpm
6	Regulating Wheel Speed	10 – 250 rpm (variable speed)
7	Grinding Wheel Motor	20 ~ 40 HP
8	Regulating Wheel and Table feed on HW	2~3mm(Rev) /0.01 mm
9	Regulating wheel and Table Micro Feed on HW	0.02 mm(Rev) /0.001 mm
10	Dressing Hand Wheel	2~3 mm(Rev) /0.01 mm
11	Regulating Wheel Tilt Angle	± 5°
12	Regulating Wheel Swivel Angle	± 1°
13	Grinding Wheel and flange	1 set
14	Regulating Wheel and flange	1 set
15	Thrufeed standard workrest and blade	1 set with carbide blade
16	Infeed standard workrest and blade	1 set with carbide blade
17	Diamond Tools for dressing	2 pcs
18	Thrufeed safety device	1 set
19	Flange wheel extractor	1 pcs
20	Leveling Screws and Plate	1 set
21	Thrufeed process gauge	1 set
22	Standard coolant tank with pump	1 set
23	Work Lamp	1 set
24	Work piece pressor	1 pcs
25	Wheel balancing Arbor	1 pcs
26	Oil cooler	1 set
27	NC Control	Components with CE mark
28	Display	8" - 15" colour display
29	Hand Wheel	yes
30	Transformer	yes
31	Hydraulic tank with pump	yes
32	Paper filter coolant	
33	Work Ejector device	
34	Forming dressing device	
35	Rotary type grinding wheel dressing attachment	
36	Auto thrufeed taper grinding device	
37	Spare parts for 1 years operation of machine and NC controller	
38	Operation, Maintenance & Electrical and NC Control Manuals(English) 1 sets hard copy and 1 soft copy on CD/DVD	
39	Training (Operation and Maintenance)	

### Terms and conditions

1. Make: Any. (Except India, Israel).
2. Comparison Chart between required and quoted specifications of machine must be provided.
3. Clearly mention features which are STANDARD, OPTIONAL or are NOT AVAILABLE. Prices of all quoted optional accessories must be mentioned in quotation.
4. Detailed Brochure of machine must be provided.

## Questionnaire for NC Centreless Grinding Machine

Sr. #	Description	Required specification	Quoted specifications*
1	Make / Origin	Europe, Taiwan, South Korea, Turkey, China	
2	Standard Work (Dia)	Ø2 - 250 mm	
3	Grinding Wheel Size (Dia)	Ø 500 - 700 mm	
4	Regulating Wheel Size (Dia)	Ø 250 - 350 mm	
5	Grinding Wheel Speed	900 - 1100 rpm	
6	Regulating Wheel Speed	10 ~ 250 rpm† (variable speed)	
7	Grinding Wheel Motor	20 ~ 40 HP	
8	Regulating Wheel and Table feed on HW	2-3mm(Rev) /0.01 mm	
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10	Dressing Hand Wheel	2-3 mm(Rev) /0.01 mm	
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31	Hydraulic tank with pump	yes	
32	Paper filter coolant		
33	Work Ejector device		
34	Forming dressing device		
35	Rotary type grinding wheel dressing attachment		
36	Auto thrufeed taper grinding device		
37	Spare parts for 1 years operation of machine and NC controller		
38	Operation, Maintenance & Electrical and NC Control Manuals(English) 1 sets hard copy and 1 soft copy on CD/DVD		
39	Training (Operation and Maintenance)		
40	Manufacturer Name, Make and country of origin must be mentioned.		

\* must be filled with value or Yes/No