



## Jewellery Manufacturing Facilitation Centre

Bharat Ratnam - Mega CFC is India's First Gem & Jewellery Mega Facilitation Centre, inaugurated by Hon'ble Prime Minister Shri Narendra Modi. Experience affordable and efficient jewellery manufacturing services, offering access to Modern Technology, R&D, and Training & Skilling in the Gems & Jewellery sector, predominantly for MSMEs. Located within Mumbai's vibrant SEEPZ-SEZ, Bharat Ratnam - Mega CFC caters to both the Exports Zone and the Domestic (DTA) Markets. Aiming at becoming a world-class facilitation centre, and serving as the hub for the largest cluster of jewellery manufacturing units in India.

## TECHNICAL SERVICES OFFERED BY MEGA CFC



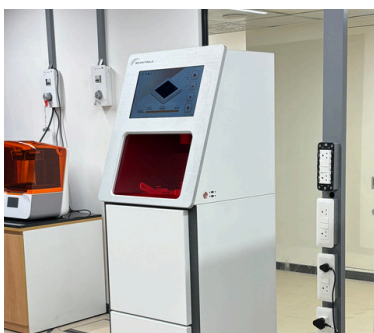
**CAD & CAD Rendering**



**3D Printing – Metal**



**3D Printing - Resin & Wax**



**3D Printing - Ceramic**



**Casting (Gold, Platinum  
& Silver)**



**CNC**





**Refining (Gold, Platinum & Silver)**



**Mass Finishing**



**LGD Testing**



**LAB Testing - Trace Metal Analysis (ICP)**



**Colour Laser Engraving**



**Micron Plating / Rhodium Plating**



**Enamelling / Coating**



**LAB Testing - XRF**



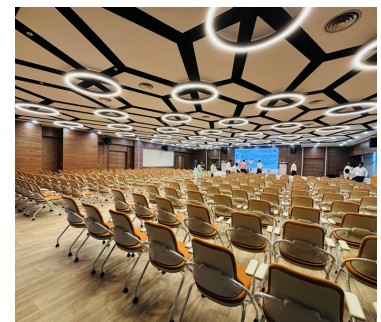
**Photography & Videography**



**Training & Skilling School**



**10,000 sq ft - Exhibition Centre**



**375-Seater Multi-purpose Hall**



## BHARAT RATNAM MEGA CFC LABOUR RATE CHART

Service	Description	Labour Rates (Rs) Unit Rate / Measurement
CAD	Ring, Pendant, Earrings & Bands	Simple - Rs: 800 to Rs: 1000 Medium - Rs: 1000 to Rs: 1200 Complex - Rs: 1200 to Rs: 1600
	Bracelet	Rs: 1400 to Rs. 1800
	Necklace	Rs: 1800 to Rs. 2200
		*Changes will be charged at Rs. 200/- per hour
CAD Rendering	Each Style 4 views in 3 metal colours (Total 12 views)	Rs: 2000~2500 / Style
	Animation / Video in 3 metal colours (Yellow, White, Pink)	Rs: 1500~1800 / Style
3D Printing Services: Metal & Ceramic (all cost is subject to change basis design)	Gold	On Enquiry Basis
	Titanium	Rs: 1900 / CC (cubic centimeter)
	Ceramic - Zirconia	Rs: 540 / CC (cubic centimeter)
	Ceramic - Alumina	Rs: 780 / CC (cubic centimeter)
3D Printing Services: Resin & Wax	CPX (Wax)	Rs: 315 / gms
	Uniwax (Castable Resin)	Rs: 315 / gms
	Formlabs - Clear / White / Grey / Black Resin	Rs 70 / CC (cubic centimeter)
	Formlabs - Castable Wax Resin	Rs 250 / CC (cubic centimeter)
	Formlabs - Castable Wax 40 Resin	Rs 250 / CC (cubic centimeter)
	Formlabs - Biomed White Resin	Rs 100 / CC (cubic centimeter)
	Formlabs - Biomed Durable Resin	Rs 120 / CC (cubic centimeter)
Casting Services	Gold-Bracelet, Necklace, Bracelet & Necklace	Rs: 1000 / Flask
	Platinum-Bracelet, Necklace, Bracelet & Necklace	Rs: 2500 / Flask
CNC	Platinum - Rates are based on final weight of product.	Rs: 600 / gms
	Gold- Rates are based on final weight of product.	Rs: 550 / gms
	Silver only for Sampling not for Commerical production	Rs: 1200 / gms
	Rates are based on final weight of product.	
Mass Finishing	(Avg. wt. - 4grams per Pcs)	Rs: 25 / Pc
LGD Testing	SEEPZ	Rs: 400 / Packet
	DTA/SEEPZ	Rs: 15/ct
Hallmarking	(SEEPZ & DTA)	Rs: 45 / Unit
Colour Laser Engraving	Rings, Pendant, Earrings Band, Necklace and Bracelet	Rs: 45 / Pc
Enamel /Coating services	Single Colour Ring, Pendant, Earrings (Avg Weight 5 Gms for 1 to 3 pockets)	Rs: 120 / gms
	Single Colour Bracelet, Bangle & Necklace (Avg Weight 15 Gms for 1 to 5 pockets)	Rs: 150 / gms
	Multi Colour Ring, Pendant, Earrings (Avg Weight 5 Gms for 1 to 3 pockets)	Rs: 140 / gms
	Multi Colour Bracelet, Bangle & Necklace (Avg Weight 15 Gms for 1 to 5 pockets)	Rs: 175 / gms
Lab Testing and XRF	Trace Metal Analysis-BASE METAL Further analysis will be charged @ INR 450/Sample.	Rs: 750 / Sample
	Trace Metal Analysis-PRECIOUS METAL Further analysis will be charged @ INR 1200/Sample.	Rs: 1500 / Sample
	Trace Metal Analysis-PRECIOUS METAL (Bullion impurity check test)	Rs: 9000 / Sample
	Color Analysis	Rs: 2500 / Sample
	Corrosion resistance test	Rs: 3500 / Sample
	Only XRF testing (Karat check/Micron check)	Rs: 80 / Sample
	XRF/Assay testing	Rs: 750 / Sample
	Plating Thickness Test	Rs: 1000 / Sample
Photography & Video Services	Basic Model Shoot E-Com Style (All Inclusive)	Rs: 240000 / Shoot
	Creative Model Shoot (All Inclusive)	Rs: 450000 / Shoot
	Creative / Lifestyle Product Shoot	Rs: 2400 / Shot
	Product Based Film	Rs: 90000 / Film
	Films or Reels for Social Media	Rs: 9000 / Film or Reel
	Product Shoot for E-Com	Small Canvas - Rs: 900 / Shot (Ring, Earring & Pendant)
		Medium Canvas - Rs: 1200 / Shot (Bracelet, Bangle)
		Large Canvas - Rs: 1800 / Shot (Necklace)
		Extra Large Canvas - Rs: 2400 / Shot (Heavy Necklace)

Service	Description				Labour Rates (Rs) Unit Rate / Measurement				
A) Micron Plating	Sr. No.	Plating Job	Colour	Total Cost up to 4gm (INR/Piece)	Total Cost 4 to 8gm (INR/Piece) Consider 8gm	Total Cost 8 to 12gm (INR/Piece) Consider 10gm	Total Cost > 12gm (INR/Piece) Consider 12gm	Total cost Chain plating	
	1	1N Gold flash (Purity 23Kt)	14Y	108.00	128.75	180.63	232.50	87.25	
	2	1N 0.5 Micron Gold	14 Y	108.00	191.00	211.75	249.10	108.00	
	3	1N 1 Micron Gold	14 Y	108.00	191.00	211.75	249.10	108.00	
	4	1N 1.5 Micron Gold	14 Y	108.00	191.00	232.50	274.00	108.00	
	5	1N 2.0 Micron Gold	14 Y	108.00	191.00	232.50	274.00	108.00	
	6	1N Vermeil Gold (2.5 micron fine gold)	14 Y	108.00	191.00	284.38	336.25	108.00	
	7	2N Gold flash	18 Y/23Y	108.00	128.75	180.63	232.50	87.25	
	8	2N 0.5 Micron Gold	18 Y/23Y	108.00	191.00	211.75	249.10	108.00	
	9	2N 1 Micron Gold	18 Y/23Y	108.00	191.00	211.75	249.10	108.00	
	10	2N 1.5 Micron Gold	18 Y/23Y	108.00	191.00	232.50	274.00	108.00	
	11	2N 1.5 Micron Gold	18 Y/23Y	108.00	191.00	232.50	274.00	108.00	
	12	2N Vermeil Gold (2.5 micron fine gold)	18 Y/23Y	108.00	191.00	232.50	336.25	108.00	
	13	5N Gold flash	18 P	108.00	128.75	180.63	232.50	87.25	
	14	5N 0.5 Micron Gold	18 P	108.00	191.00	211.75	249.10	108.00	
	15	5N 1 Micron Gold	18 P	108.00	191.00	211.75	249.10	108.00	
	16	5N 1.5 Micron Gold	18 P	108.00	191.00	232.50	274.00	108.00	
	17	5N 1.5 Micron Gold	18 P	108.00	191.00	232.50	274.00	108.00	
18	5N Vermeil Gold (2.5 micron fine gold)	18 P	108.00	191.00	232.50	336.25	108.00		
*Note: Above rates are only labor charge. Gold deposit rate will be added on actual, based on ongoing goldprice.									
B) Rhodium plating services	Sr. No.	Plating Job	Total Cost up to 4gm (INR/Piece)	Total Cost 4 to 8gm (INR/Piece) Consider 8gm	Total Cost 8 to 12gm (INR/Piece) Consider 10gm	Total Cost > 12gm (INR/Piece) Consider 12gm			
	1	Rh plating 0.05 mic on 925 (Pt undercoat)	149.50	274.00	284.38	286.45			
	2	Rh plating on 925 0.1 mic (without Pt undercoat)	232.50	398.50	419.25	423.40			
	3	Rh plating 0.05 mic on gold (Pt undercoat)	149.50	274.00	284.38	286.45			
	4	Rh plating on gold 0.1 mic (without Pt undercoat)	232.50	398.50	419.25	423.40			
	5	Deep Ru plating 0.1 mic	128.75	191.00	232.50	336.25			
	6	Deep Ru plating 0.2 to 0.3 mic	232.50	284.38	336.25	543.75			
	7	Anti Tarnish Treatment	40.56	40.56	50.94	56.13			
Refining	Description	Metal Per Grms.	Burning/Kg	Minimum		Aqua Refining /Kg			
	Polish		300	Mini M-1800 (1 to 1000 grms)		1800/- per Kg			
	Filling		300	Min M-1800 (1 to 250 grms)		6000/-per Kg			
	Sprue Grinding		300	Min M-1800 (1 to 250 grms)		6000/-per Kg			
	Casting Metal		Nil	Min M-1800 (1 to 100 grms)		10000/-per Kg			
	Setting Dust		300	Min M-1800 (1 to 250 grms)		6000/-per Kg			
	Carpet Dust		300	Mini M-1800 (1 to 1000 grms)		1800/-per Kg			
	Sweeping		300	Mini M-1800 (1 to 1000 grms)		1800/-per Kg			
	Carpet(Mat)		300	Mini M-1800 (1 to 1000 grms)		1800/-per Kg			
	Hand Wash		300	Mini M-1800 (1 to 1000 grms)		1800/-per Kg			
	Casting Dust		Nil	Mini M-1800 (1 to 1000 grms)		1800/-per Kg			
	Gold Raw Metal		Nil	Min M-1500 (1 to 100 grms)		12,000/-per Kg			
	Gold Studded Metal	Rs. 15 Per Gram	Nil	Min M-1500 (1 to 100 grms)		15,000/-per Kg			
	Silver raw Metal		Nil	Min M-1500		Rs 1500/- per kg			
	Silver Studded Jew		Nil	Min M-1500		Rs 1500/- per kg			
	Copper			Min M-1,200 (1 to 1000 grms)		Rs 1,200/- per kg			
	Silver From Gold dust/ Residue		Nil	Min M-3,000 (1 to 1000 grms)		Rs 3,000/- per kg			
	Platinum (Recovery 98.99%)								
	Platinum Metal	Rs. 50 Per Gram		Rs. Min M-5000 /-		Rs.50000/-Kg			
	Palladium Metal	Rs. 60 Per Gram		Rs. Min M-5000 /-		Rs.60000/-Kg			
	Palladium/Platinum Dust		300/-Rs.	Rs. Min M-5000 /-		Rs.8000/-Kg			
	Platinum Studded	Rs. 100 Per Gram		Rs. Min M-5000 /-					

Note: Prices are subject to change based on the evaluation of the design  
Prices are only viable for one financial quarter

**ADDRESS:**

Bharat Ratnam – Mega Common Facilitation Centre, Gate No. 4 & 5,  
SEEPZ Special Economic Zone, Andheri (E), Mumbai – 400096.



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