



भारत रत्नम

EMPOWER INNOVATE TRANSFORM

MEGACFC

COMMON FACILITY CENTRE

A Project of Government of India for GJEPC

SERVICE RATE CHART



**JEWELLERY MANUFACTURING
TECHNICAL SERVICES**



**STATE-OF-THE-ART
EVENT VENUES**



**TRAINING AND SKILLING
PROGRAMS**

Bharat Ratnam – Mega Common
Facilitation Centre, Gate No. 4 & 5, SEEPZ-SEZ,
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CAD	Description	Complexity	Labour Rates (In Rs) Unit Rate / Measurement	
	Ring, Earring, Pendant	Simple		Rs : 600 To Rs : 1000 Per Style onwards
		Medium		Rs : 1,000 To Rs : 1,200 Per Style onwards
		Complex		Rs : 1,200 Per Style onwards
	Bracelet	Simple		Rs : 1,400 To Rs : 1,800 Per Style onwards
		Medium		Rs : 1,800 To Rs : 2,500 Per Style onwards
		Complex		Rs : 2,500 Per Style onwards
	Necklace	Simple		Rs : 1,800 To Rs : 2,500 Per Style onwards
		Medium		Rs : 2,500 To Rs : 4000 Per Style onwards
		Complex		Rs : 4,000 Per Style onwards
			Note: Changes will be charged at Rs : 300/- Per hour The charges will be as per complexity on discussion basis	

CAD RENDERING	Description	Labour Rates (In Rs) Unit Rate / Measurement
	Each style 4 view in 3 metal colours -Yellow, White, Pink (Total 12 views)	Rs : 2,000 Per Style onwards
	Animation / Video in 3 metal colours (Yellow, White, Pink)	Rs : 1,500 Per Style onwards

3D PRINTING METAL & CERAMIC	Description	Labour Rates (In Rs) Unit Rate / Measurement
	Gold	On Enquiry Basis
	Titanium	Rs : 1900 /CC
	Ceramic - Zirconia White	Rs : 540 /gm
	Ceramic - Zirconia Black	Rs : 565 / gm
		Note: All cost is subject to change based on design

3D PRINTING RESIN & WAX	Description	Labour Rates (In Rs) Unit Rate / Measurement
	CPX (WAX) minimum charges applicable upto 1.00 grams	Rs : 315 / gm
	Uniway (Castable Resin) minimum charges applicable upto 1.00 grams	Rs : 315 / gm

CASTING	Description	Labour Rates (In Rs) Unit Rate / Measurement
	Gold / Silver (Min Weight-150 gms, Max Weight-550 gms)	Rs : 1,500 / Flask
	Brass (Min Weight-150 gms, Max Weight-350 gms)	Rs : 1,500 / Flask
	Platinum (Min Weight-100 gms, Max Weight-200 gms)	Rs : 3,500 / Flask
	Tree making charges (Gold/Silver/Brass)	Rs : 150 / Tree
	Tree making charges (Platinum)	Rs : 120 / Tree
	Continuous Casting - capacity 2.5kg (Tube/Rod/Sheet/bangle-45 OD) Gold	Rs : 15 / gm (minimum-300gram)
	Continuous Casting - capacity 2.5kg (Tube/Rod/Sheet/bangle-45 OD) Silver	Rs : 12 / gm (minimum-300gram)
		Note: Net loss on casting would be 0.3% *Only Pre-Alloyed metal accepted *For Alloying charges are 200rs per Flask *The Quality of the casting depends upon the quality of the metal supplied, maximum time used metal will deminish the casting output quality

MASS FINISHING	Description	Labour Rates (In Rs) Unit Rate / Measurement
	Minimum order quantity: 80 pieces per batch (rings, earrings, pendants), (Avg. wt- 4gm / Pcs or 200 gm)	Rs : 25 / PC
	Minimum order quantity 250 Grams per batch (Bangle, Bracelet)	Rs : 4 / Gms
		Note: Tumbling - 94% recovery on gross loss & Electropolishing- 98% recovery on gross loss

LGD TESTING	Description	Labour Rates (In Rs) Unit Rate / Measurement
	SEEPZ	Rs : 400 / Packet
	Loose Diamonds	Rs : 15 / ct
	Studded Jewellery	Rs : 30 / ct

HALLMARKING	Description	Labour Rates (In Rs) Unit Rate / Measurement
	(SEEPZ & DTA)	Rs : 45 / PC

LASER OPERATIONS	Description	Labour Rates (In Rs) Unit Rate / Measurement
	Colour Laser Itching	Rs : 30 / per minute
	Laser cutting	Rs : 80 / per minute
	Laser welding (Ring , Earing , Pendant)	Rs : 5 / WELD
	Laser welding (Bracelet)	Rs : 5 / WELD
	Laser welding (Necklace)	Rs : 5 / WELD
	Laser stamping/engraving	Rs : 6 / Per alphabet

CNC	Category	Labour Charges	MOQ
	Platinum	₹600/gm to ₹800/gm Minimum weight required: per product 3.3 to 3.5 gms Minimum charges: ₹1800 to ₹2000.	12 to 15 designs (minimum 5 pieces per style in each metal kt).
		Complex designs: ₹42 to ₹45/min based on machining time.	
	Gold	₹600/gm, minimum weight required: per product 3.3 to 3.5 gms. Minimum charges: ₹1500.	12 to 15 designs (minimum 5 pieces per style in each metal kt).
		Complex designs: ₹40/min based on machining time.	
	Silver	₹600/gm, minimum weight required: per product 3.3 to 3.5 gms. Minimum charges: ₹1500.	12 to 15 designs (minimum 5 pieces per style in each metal kt).
Complex designs: ₹40/min based on machining time.			
PD Samples (Silver Only)	First samples: ₹1200 to ₹1400/gm. Minimum weight required: per product 3.3 to 3.5 gms.	3 pieces per design.	
	Complex designs: ₹50/min based on machining time.		
Note: Net loss are as follow, Orders up to 100gm: 4%Orders between 100-200gm: 2.5%, Orders above 200gm: 1.5%			

ENAMEL /COATING	Description	Upto 5 Grams	5 to 10 Grams	Above 10 Grams
	Ring	250/- pc	350/-pc	35/- per gram
	Earring			
	Pendant			
	Bracelet	350/-pc	500/-pc	50/- per gram
	Necklace			
Note: Extra Color, Charge 100/- per extra color, for both side the charges will be double				

CERA-ENAMEL	Description	Upto 5 Grams	5 to 10 Grams	Above 10 Grams
	Ring	300/- pc	450/- pc	45/- per gram
	Earring			
	Pendant			
	Bracelet	350/- pc	500/- pc	50/- per gram
	Necklace			
Note: Extra Color, charge 100/- per color extra, for both side the charges will be double Above is only labor charges and the cera charges will be Rs. 600/- per gram				

LAB TESTING AND XRF	Description	Labour Rates (In Rs) Unit Rate / Measurement
	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 : 1,500 / Sample
	Trace Metal Analysis - PRECIOUS METAL Au/Pt/RH/Pd/Ru/Ag bullion purity testing by ICP (by impurity)	Rs : 9,000 / Sample
	Colour Analysis	Rs : 750 / Sample
	Corrosion resistance test (per sample)	Rs : 35 / Per Hour
	XRF testing (karat check)	Rs : 70 / Sample
	Plating Thickness Test / Micron check	Rs : 250 / Sample
	Gold Content - Fire Assay	Rs : 175 / Sample
	Silver Content - Silver Titration	Rs : 500 / Sample
	Acidic Synthetic Sweat Test (ASST)	Rs : 500 / Sample
	Polyservice Test	Rs : 600 / Sample
	UV Resistance Test	Rs : 675 / Sample
	Nickel Release Test (NCL)	Rs : 3750 / Sample
	Thioacetamide Test (TAA)	Rs : 4000 / Sample

PHOTOGRAPHY & VIDEOGRAPHY	Description	Labour Rates (In Rs) Unit Rate / Measurement
	Basic Model Shoot E-Com Style (All Inclusive)	Rs : 2,40,000 / Shoot
	Creative Model Shoot (All Inclusive)	Rs : 4,50,000 / Shoot
	Creative / Lifestyle product Shoot	Rs : 2400 / Shoot
	Product Based Film	Rs : 90,000 / Film
	Films or Reels for Social Media	Rs : 9,000 / Film or Reel
	White Background Product Shoot for E-Com (PREMIUM Quality)	Rs : 600 per view (Ring , Earring & Pendant)
		Rs : 900 per view (Bracelet , Bangle)
		Rs : 1,200 per view (Necklace)
	White Background Product Shoot for E-Com (REGULAR Quality)	Rs : 450 per view (Ring , Earring & Pendant)
Rs : 550 per view (Bracelet , Bangle)		
Rs : 750 per view (Necklace)		

MICRON PLATING	Sr. No.	Plating Job	Colour	Total Cost upto 4 gm (In Rs)	Total cost from 4 to 8 gm (In Rs)	Total cost from 8 to 10 gm (In Rs) Consider 10 gm	Total cost from 10 to 12 gm (In Rs) Consider 12 gm	Total cost chain plating (In Rs)	
	1	1N Gold flash (Purity 23Kt)	14Y	108	130	180	232	88	
	2	1N 0.5 Micron Gold	14Y	108	190	212	250	108	
	3	1N 1.0 Micron Gold	14Y	108	190	212	250	108	
	4	1N 1.5 Micron Gold	14Y	108	190	232	274	108	
	5	1N 2.0 Micron Gold	14Y	108	190	232	274	108	
	6	1N Vermeil Gold (2.5 micron fine gold)	14Y	108	190	285	336	108	
	Note: Above rates are only labour charge. Gold deposit rates will be added on actual, based on ongoing gold price.								
	7	2N Gold flash	18Y/23Y	108	130	180	232	88	
	8	2N 0.5 Micron Gold	18Y/23Y	108	190	212	250	108	
	9	2N 1 Micron Gold	18Y/23Y	108	190	212	250	108	
	10	2N 1.5 Micron Gold	18Y/23Y	108	190	232	274	108	
	11	2N 2.0 Micron Gold	18Y/23Y	108	190	232	274	108	
	12	2N Vermeil Gold (2.5 micron fine gold)	18Y/23Y	108	190	285	336	108	
	Note: Above rates are only labour charge. Gold deposit rates will be added on actual, based on ongoing gold price.								
	13	5N Gold flash	18 P	108	130	180	232	88	
	14	5N 0.5 Micron Gold	18 P	108	190	212	250	108	
	15	5N 1 Micron Gold	18 P	108	190	212	250	108	
16	5N 1.5 Micron Gold	18 P	108	190	232	274	108		
17	5N 2.0 Micron Gold	18 P	108	190	232	274	108		
18	5N Vermeil Gold (2.5 micron fine gold)	18 P	108	190	232	336	108		
Note: Above rates are only labour charge. Gold deposit rates will be added on actual, based on ongoing gold price.									
(MOQ 25 Pieces)The rates of finding (including chains) vary with surface area									

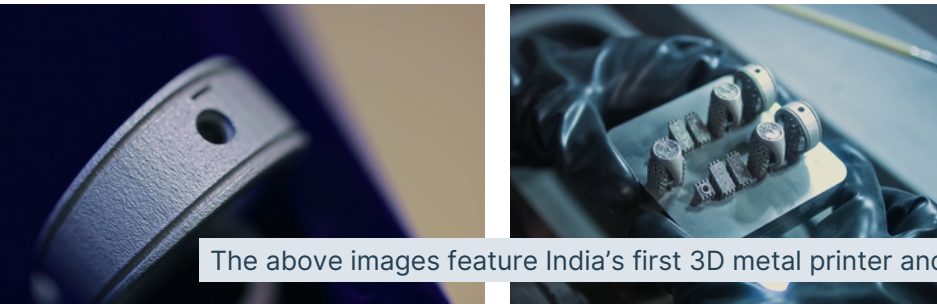
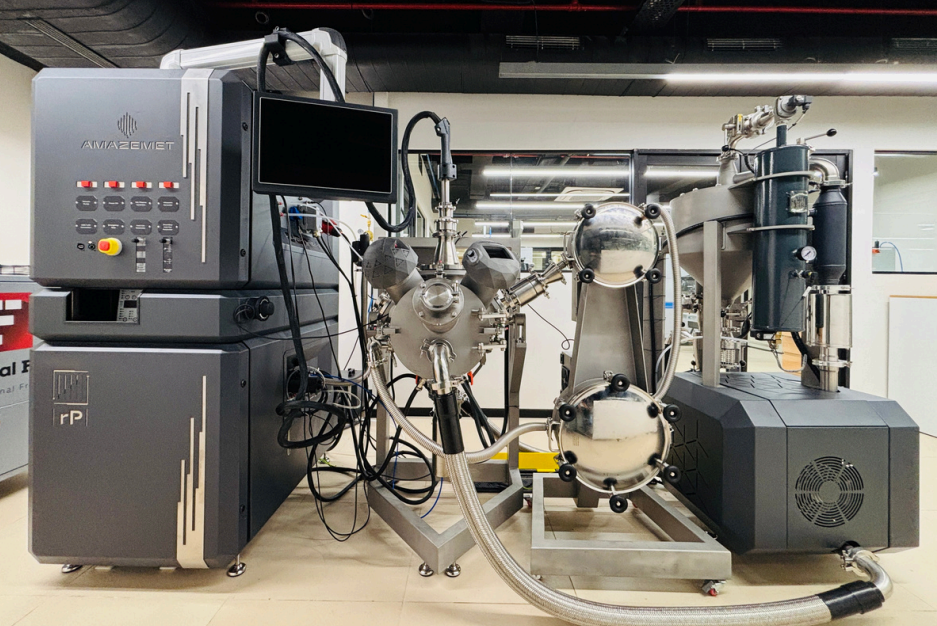
BLUE RHODIUM PLATING	Sr. No.	Plating Job	Colour	Total Cost upto 4 gm (In Rs)	Total cost from 4 to 8 gm (In Rs)	Total cost from 8 to 10 gm (In Rs) Consider 10 gm	Total cost from 10 to 12 gm (In Rs) Consider 12 gm
	1	Blue Rhodium	Blue	108	130	180	232
Note: 200rs per gram deposition charges							

RUTHENIUM PLATING	Sr. No.	Plating Job	Total Cost upto 4 gm (In Rs)	Total cost from 4 to 8 gm, Consider 8 gm (In Rs)	Total cost from 8 to 10 gm Consider 10 gm (In Rs)	Total cost from 10 to 12 gm Consider 12 gm (In Rs)
	1	Deep grey color Ru plating 0.1 mic	90	130	191	232
	2	Deep grey color Ru plating 0.2 to 0.3 mic	160	232	284	336
	3	Jet black Ru plating 0.1 micron	108	156	229	278
	4	Anti Tarnish Treatment	40	40	51	56
Note: Bigger than 12 gm articles pricing will be work out based on surface area. The rates of finding (including chains) vary with surface area						

RHODIUM PLATING	Sr. No.	Plating Job	Cost of 1 gm (In Rs)	Cost of 2 gm (In Rs)	Cost of 3 gm (In Rs)	Cost of 4 gm (In Rs)	Cost of 5 gm (In Rs)	Cost of 6 gm (In Rs)	Cost of 7 gm (In Rs)	Cost of 8 gm (In Rs)	Cost of 9 gm (In Rs)	Cost of 10 gm (In Rs)	
	1	Rh plating 0.05 mic on 925 /Gold (Pt undercoat)	45	60	75	90	105	125	140	155	170	185	
	Note: Rs- 15/ gms will be added after 10gm onwards												
	2	Rh plating 0.1 mic on 925 /Gold (Pt undercoat)	70	90	110	130	150	170	190	210	230	250	
Note: Rs-20/ gms will be added after 10gm onwards													
The rates of finding (including chains) vary with surface area													

REFINERY	Description	Grinding	Metal Per Grms	Burning/ Melting Per Kg	Minimum Quantity	Cost Per Kg (In Rs)
	Alloy Dust			N/A	300	Min M-1800/- (1 to 300 grams)
Alloy Metal			12	N/A	Min M-1800/- (1 to 150 grams)	Rs : 12,000
Melting Dust			6	300	Min M-1800/- (1 to 300 grams)	Rs : 6,000
Melting Metal			12	N/A	Min M-1800/- (1 to 150 grams)	Rs : 12,000
Lathe Dust			6	300	Min M-1800/- (1 to 300 grams)	Rs : 6,000
Lathe Metal			12	N/A	Min M-1800/- (1 to 150 grams)	Rs : 12,000
Scrap Dust			6	300	Min M-1800/- (1 to 300 grams)	Rs : 6,000
Scrap Metal			12	N/A	Min M-1800/- (1 to 150 grams)	Rs : 12,000
Polish Dust			N/A	300	Min M-1800/- (upto 1000 grams)	Rs : 1,800
Metal			12	N/A	Min M-1800/- (1 to 150 grams)	Rs : 12,000
Filling Dust			6	300	Min M-1800/- (1 to 250 grams)	Rs : 6,000
Filling Metal			12	N/A	Min M-1800/- (1 to 150 grams)	Rs : 12,000
CNC Dust			6	300	Min M-1800/- (1 to 300 grams)	Rs : 6,000
CNC Metal			12	N/A	Min M-1800/- (1 to 150 grams)	Rs : 12,000
Sprue Grinding Dust			6	300	Min M-1800/- (1 to 250 grams)	Rs : 6,000
Sprue Grinding Metal			12	N/A	Min M-1800/- (1 to 150 grams)	Rs : 12,000
Casting Dust			N/A	N/A	Min M-1800/- (1 to 1000 grams)	Rs : 1,800
Casting Metal			10	N/A	Min M-1800/- (1 to 100 grams)	Rs : 10,000
Setting Dust			6	300	Min M-1800/- (1 to 250 grams)	Rs : 6,000
Setting Metal			12	N/A	Min M-1800/- (1 to 150 grams)	Rs : 12,000
Carpet Dust			N/A	300	Mini M-1800/- (1 to 1000 grams)	Rs : 1,800
Carpet (Mat)			N/A	300	Mini M-1800/- (1 to 1000 grams)	Rs : 1,800
Sweeping Dust			N/A	300	Mini M-1800/- (1 to 1000 grams)	Rs : 1,800
Hand Wash			N/A	300	Mini M-1800/- (1 to 1000 grams)	Rs : 1,800
Gold Raw Metal			12	N/A	Min M-1500/- (1 to 100 grams)	Rs : 12,000
Gold Studded Metal			15	N/A	Min M-1500/- (1 to 100 grams)	Rs : 15,000
Used Graphite Crucible (Dust)			N/A	N/A	Min M-1800/- (1 to 1000 grams)	Rs : 1,800
Used Graphite Crucible (Grinding)			N/A	N/A	Min M-5000/- (1 to 50 kg)	Rs : 5,000
Silver Raw Metal			N/A	N/A	Min M-1500/- (1 to 1000 grams)	Rs : 1,500
Silver Studded jewellery (CZ/LGD)			N/A	N/A	Min M-1500/- (1 to 1000 grams)	Rs : 1,500
Silver Studded (Diamond)			6	N/A	Min M-1800/- (1 to 300 grams)	Rs : 6,000
Silver From Refined Gold Dust Residue			N/A	N/A	Min M-1800/- (1 to 1000 grams)	Rs : 1,800
Copper			N/A	N/A	Min M-1200/- (1 to 1000 grams)	Rs : 1,200
Platinum (Recovery 98.99%)						
Platinum Metal			50	N/A	Min M-5000 /- (1 to 100 grams)	Rs : 50,000
Palladium Metal			60	N/A	Min M-6000 /- (1 to 100 grams)	Rs : 60,000
Palladium / Platinum Dust			N/A	300	Min M-5000 /- (1 to 500 grams)	Rs : 8,000
Platinum Studded			100	N/A	Min M-5000 /- (1 to 50 grams)	Rs : 1,00,000
Mix Metal Gold/ Silver			13.5	N/A	Min M-1800/- (1 to 100 grams)	Rs : 13,500
Mix Metal Gold/ Silver/ Platinum			63.5	N/A	Min M-5000/- (1 to 50 grams)	Rs : 63,500
Dust Platinum/ Gold/ Silver			8	300	Min M-5000/- (1 to 100 grams)	Rs : 8,000
Additional Process after refining (Granulation)			N/A	N/A	Min M-200/- (1 to 1000grams)	Rs : 200

AUDITORIUM & EXHIBITION HALL (VENUES)	Sr. No.	Name of Services	Floor	Capacity (Number of people that can be accommodated)	Total Rent/Day 8 Hours(In Rs)	Total Rent/Half day 4 Hours(In Rs)
	1	AUDITORIUM - Multi-Purpose Hall-1 (MPH1)	6TH FLOOR	350	Rs : 1,50,000	Rs : 1,00,000
	2	Multi-Purpose Hall-1 (MPH2)	6TH FLOOR	80	Rs : 70,000	Rs : 40,000
	3	Diamond Conference	6TH FLOOR	25	Rs : 30,000	Rs : 20,000
	4	(MPH1) + (MPH2) + Diamond Conference	6TH FLOOR	N/A	Rs : 2,00,000	Rs : 1,40,000
	5	Grand Exhibition Centre Hall	5TH FLOOR (10,000 sq ft)	N/A	Rs : 1,50,000	Rs : 1,00,000
	6	Exhibition Centre Hall 1	GR. FLOOR (1100sq. ft)	N/A	Rs : 75,000	Rs : 40,000
	7	Exhibition Centre Hall 2	GR. FLOOR (2000sq. ft)	N/A	Rs : 75,000	Rs : 40,000



The above images feature India's first 3D metal printer and atomizer in the jewellery industry.



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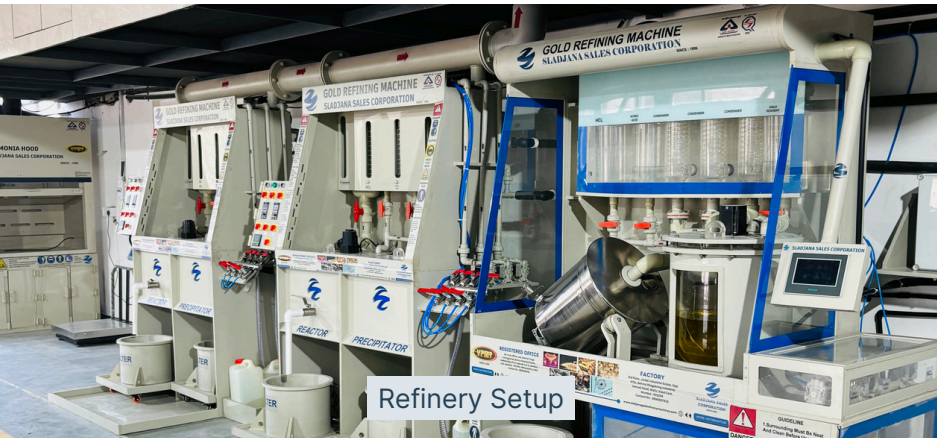


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Refinery Setup



Glimpse into Lab Setup



Micron & Rhodium Plating Setup