



**PAKISTAN GEMS AND JEWELLERY
DEVELOPMENT COMPANY**



**Ministry of Industries, Production & Special Initiatives,
Government of Pakistan**
A subsidiary of Pakistan Industrial Development Corporation (PIDC)
A company set up under section 42 of the Companies Ordinance, 1984

Tender No: 39

**Tender Notice for Machinery required for Gems and Jewellery Training Center at
Karachi and Lahore**

Pakistan Gems and Jewellery Development Company has been established as Public/Private partnership to develop the value chain from mine to market. The company aims to enhance the exports through facilitation, technology up-gradation, skill development and Marketing/Branding.

Sealed Quotations/offers are invited from reputed companies for the purchase machinery and equipment required for GJTMC Karachi and Lahore.

Tender documents can be obtained on any working day (Monday to Friday) at a cost of Rs 1,000 from the office of the Manager (Accounts/Admin), Pakistan Gems and Jewellery Development Company, Karachi, from 1000 hours to 1730 hours from July 29, 2008. The last date for sale of tender document is August 10, 2008. The tender documents purchased from the office of the company will only be acceptable.

Details and Specification are:

S No	Description	Specification	Quantity
1	Electronic melting furnace	(220 V /900 W) 250/500 gr material - melt with 20 graphite crucibles	4
2	Rolling machine / on stand / hand operated	Sheet Rolling 6 inch Rollers Roller width approx. 250 – 300 mm	2
3	Wire Rolling machine / on stand / hand operated	6 inch Rollers Roller width approx. 250 – 300	2
4	Bench Shear Machine - with holding bar	Cutting abilities up to 60mm sheet / \varnothing 130mm wire – blade length 130mm	4
5	Precision Sheeting Metal Working Machine		2

6	Cutting /sawing A) Precision Band Saw machine (230 V)	1) Work table 450mm X 230mm 45°/15° adjustable 2) Goose neck 460mm 3) Work piece holding device 4)Foot operated switch	2
	B) Circular Cutting Machine	(380 V or 220 V converter) 1) Working Height : 400 mm 2) For saw blade Ø 60 mm	2
7	Chain Drawing Bench	hand operated with gear reduction 2) Drawing Length 1200mm 3) with draw tong	2
8	High Speed Drilling Machine	quality chuck – 0,5 mm – 6mm 2) variable spindle speed 3) spindle speed 500 – 3000 RPM 4) max. capacity 12mm 5) speed indicator 6) throat depth 180mm	4
9	Hand Press	1) max. pressure 3 t 2) opening 175mm 3) width 220 mm	2
10	Surface Grinding A) Belt Grinding Machine	1) 700 – 800 RPM 2) Table Size 270x120 mm	2
11	Machines for Hand operations Flexible Shaft machines A) For Setting operations 500 – 12.000 RPM Type JS – 2000 or equivalent B) For Rotary tooling 500 – 18.000 RPM Type JS - 2000 or equivalent	All products with foot paddle and matching hand piece and Hanger .	15
			15
12	Micro motor	38.000 RPM	10
13	Setting Hammer /Engraver	Motor 500 strokes per minute	10
14	Polishing System Machine	with double spindle motor 1) 1400 and 2800 RPM 2) 0.55 kW /0,75 HP motor power 3) Build in suction motor	4 pc and 6 pc

15	Wet Grinding Machine plus Wet Brush Box	1) Motor 600 RPM (240) 2) Sturdy Cabinet W 250 x L 320 x H 300	2
16	Ultrasonic Cleaning machine	5 Lt. capacity 260/130 watts	4 units
17	Steam Cleaner	Pressure 8 bar/steam temp. 160°	2 units small
18	Electro Magnetic polisher		2 units small
19	Soldering /Annealing	1 No .MINI – Torch to be fitted at the workbench with a Oxygen/LPG connection	50 sets
20	Pickling Pots	1 No. per Workshop Pickling Pot JS Sample: J.Schmalz page 133 ODN 24738 Bottle of Acid H2SO4 kept in a dark place	4 pc
21	Annealing Torch		2 pc
22	Students Kit for Manufacturing Kit contains Sawing 1 No. Saw Frame adjustable type Filing 1 Set of needle files round/square/triangular/flat/birds tongue/half round/barrette/ knife edge. 1 No. flat file medium cut 6" 1 No. Half Round file medium cut 6" 1 No. Barrette file medium cut 6" Bending/Gripping 1 No. Pointed round Pliers 1 No. Pointed flat Pliers 1 No. flat Pliers. Cutting/Nipping 1No. Nipper 1No. Side Cutter 1 No. Jewelers Shears 160 mm Soldering /Gripping 1 No. Tweezers Shape AA / 125mm 1No. Self holding /clamping with insulator 1No. SKAM – soldering block with tray Sample J. Schmalz page 127 1 No. Plastic container with lid to seal the contents – approx. 70x 40 mm 1 No. Paint brush no. 5 Measuring 1No. Stainless Steel Ruler 100 x 13mm 1 No. Vernier caliber- inch/metric graduation in Plastic Case.	16 inch tools box closed with pad lock facility	100 pc

	1No. Degree Gauge (Dixieme) 1 No. Right Angle 1 No. Jewelers Compass Length 100 mm Holding 1 No. Reamers holder with exchangeable chucks Hammering/Riveting Bench hammer Anvil Small 70 x 70 x 30 stainless steel/hardened – one side polished. Making Jump Rings/aligning Set of mandrels 1 to 12 mm Emery 3 sheets each of e. paper for metal Grade 320 – 180 - 220 3 No sticks per Student 250 x 25x10 mm made by a carpenter . Satin Finish Scotch Bright Hand Pads		
23	Workshop Tools Raising/Doming/ Planishing 2 No. Hammers Polishing hammer 2 Planishing Hammers 2 No. Sockets 2 No. Tinkers Anvil 2 No. Silversmiths Bick Iron 1 No. per workshop Lead Block	Block size: 200 x 200 x 40	4 pc 4 pc 2 pc 2 pc 2 pc
24	Wire Drawing Plates Block of pure Bees Wax	Square/round /naïveté from 0.2 – 12mm	2 sets 2 pc
25	Shot making Sheet Ingot Mold Combi- Ingot Mould Tongs with crucible Smelting Powder Argo-Flux Heat Resistant Gloves	150 x 60 x 6mm upright round shaped Moulds	2 pc 2 pc 5 kilo 5 Kilo 6 pc

Terms and Conditions

- i. Proof of financial stability and soundness
- ii. List of clients and details of services provided.
- iii. Quotations must be valid for 45 days.
- iv. Each and every item should be quoted separately. Equipment quotes should be backed up by the Brochures of respective equipment.
- v. The quoted price should be landed/delivered to the site(inclusive of all import duties, levies etc)
- vi. The consignment should be insured till the delivery at site.

- vii. Participants are required to mention all taxes & GST separately.
- viii. 3.5% Income Tax shall be recovered from the bills.
- ix. The payment of all taxes will be the responsibility of the participating firm/company.
- x. Each bidder shall submit 2% earnest money in the shape of Pay Order or Bank Draft in favor of Pakistan Gems and Jewellery Development Company, Karachi.
- xi. No bids will be entertained without earnest money.
- xii. Participants are required to provide following details clearly
 - Warranty/Guarantee of equipments to be mentioned clearly
 - Delivery charges
 - Mode of payment
- xiii. The delivery time of the order will be 30 days. If the suppliers/contractors fail to supply in time then penalty of Rs.1500 per day will be applicable.
- xiv. The company reserves the right to accept/reject/divide the order as per its requirements.

All Government taxes / levies will be deducted at the time of making payments. The quotation should be submitted in sealed envelope addressed to Manager (Accounts and Administration), Pakistan Gems and Jewellery Development Company, by August 15, 2008 before 1400 hrs. All quotes/bids will be opened the same day at 1430 hrs at the PGJDC office in the presence of the representatives of the bidders who wish to attend.

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