



PAKISTAN GEMS AND JEWELLERY DEVELOPMENT COMPANY



Ministry of Industries and Production Government of Pakistan

A subsidiary of Pakistan Industrial Development Corporation
A company set up under section 42 of the Companies Ordinance, 1984

Tender No: 37

TENDER NOTICE FOR LAPIDARY EQUIPMENTS FOR GILGIT

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 of Lapidary Equipments for Gems and Jewellery Training & Manufacturing Center in Gilgit.

Details & Specifications of equipments are given below:

Lapidary Equipments

S.No	Items	Qty
1	Slab Saw : Slab Saw with plastic hood, max diameter of diamond blade: 450 mm, spindle speed 1400rpm, feed range 4-20 mm/min	1
2	Slab Saw : Slab Saw with rigid metal hood with plastic window, max diameter of diamond blade: 610 mm ,spindle speed 715 rpm, feed range 3-15 mm/min	1
3	Gem Slicing Machine : Spindle speed 2035 rmp feed range infinitely variable 4~20 mm, ϕ 200,250mm	1
4	Dual Grinder : Tray length 24"x18",Centre Part 6"x4"x9"(H) sealed bearing 2nos,shaft 12", water tank2 Nos)	4
5	Round Bead Lapping Machine ; Lower lap diameter 400,500rpm,Upper spindle speed 160 rpm, vertical travel of upper spindle 50 mm, Lower lap ϕ 250 mm, Lappable bead ϕ 3-22mm	1
6	Ultrasonic drilling Machine ; Power phase, single source, 50/60 Hz or 220~240 V. Output, Max (infinitely variable) 150W, Oscillation frequency 20 KHz	1
7	Center less Grinding Machine ; Dimension of Grinding Wheel; 200x75mm,dimension of control wheel;90x75mm, Grinding Wheel Speed;1000 rmp, Control Wheel Speed; 240 rpm, work piece ϕ ;2-25mm,	1
8	Vibrasonic Tumbler ; Number of Hopper 2 pcs, Hopper capacity;1.5x2 l,	1
9	Barrel Finishing Machine : Barrel speed; 50/60 Hz,57 rpm, Barrel capacity 2 liter,	1
10	Cabochon Grinding Machine ; Engine:220/240 Volt,0,37 kw/2800 rpm. Semi automatic device: 24 Volt, 20 Watt, V 1, adjustable from 0-35 rpm	1

11	Form Grinding Machine; Engine: 220/240 V,0.75 kw, 1400 rpm. No. of revolutions n=3800 rpm. Suitability for grinding wheels of 200 mm Ø	1
12	Copy Grinding Machine; electric power: 220/240 volt, 3 phases, 50 Hz. Pneumatics: 10 bar. Spindle drive: 3 phase current motor 4kw, 1400 rpm, Spindle: High precision spindle, type 100.grinding tool: diamond profile grinding wheel Ø 400 mmx300 mm. work piece size: Ø 300mmx300mm. work piece drive: 41.5 rpm. support: hydro-pneumatic controlled	1
13	Fine Grinding Machine: Inserting range top high 100mm, Grinding spindle speed: 2800 rpm, Grinding Wheel 200 mm diameter, volt 220/240. Work impulsion 60 rpm.	1
14	Bead Grinding Machine: suitable for the grinding of beads with a diameter of 3 to 15 mm. Grinding -wheel-impulse: Engine: Geared engine of 1.5 kw/220/240 volts, infinitely variable from 165-1000 rpm, 220/380 volt. Ø of the cup wheel: 350 or 500mm.	1
15	Table Drilling Machine: Engine: Flange engine 220/240 Volt, 0.18 kw/ 2800 rpm. Spindle speed 2000-4000 rpm. Clamping Devise; for drilling beads from 2-20 mm Ø	1
16	Table drilling Machine Type: Electric power 220/240 volts 3 phases, 50 Hz,0.85 kw, pneumatic supply: 10 bar. Control: electro pneumatic, Spindle rpm: 4000 and 6000	1
17	Multiple Blade Sawing Machine: Motor 1440 rpm, volt 220, single phase	1
18	Girdle Shaping & Calibrating Machine Ø of diamond wheel:100mm,Spindle speed , diamond wheel:2600 rpm, spindle speed work piece: 60 rpm, Motors, Diamond wheel: 200 W, Work Piece 15 W	1
19	Cabbing Unit :Motor ½ HP, Speed 1420 rpm, 220/240 volts	4
20	Concave Faceting Unit	5
21	Machine for Level Cuts and for Thin Cuts: Electric Supply 220/240 volts.pneumatic supply : upto 10 bar, Driving motor regulation:167-1000 rpm., max working range 300 mm Ø	1

Terms and Conditions

- i. The voltage shall be 220~240 where ever applicable
- ii. Proof of financial stability and soundness (Audited balance sheet/Income statement at least for the last three years)
- iii. List of clients and details of services provided (along with the URL).
- iv. Any other document which the interested parties may want to supply in their favor.
- v. Quotations must be valid for 90 days.
- vi. Each and every item should be quoted separately. Equipment quotes should be backed up by the Brochures of respective equipment.
- vii. The quoted price should be landed/delivered to the site(inclusive of all import duties, levies etc)
- viii. The consignment should be insured till the delivery of site.
- ix. Participants are required to mention all taxes & GST separately.
- x. 3.5% Income Tax shall be recovered from the bills.
- xi. The payment of all taxes will be the responsibility of the participating firm/company.
- xii. 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.
- xiii. Participants are required to provide following details clearly

- Warranty/Guarantee of equipments to be mentioned clearly
- Delivery charges
- Mode of payment

xiv. The delivery time of the order will be 45 days after issuance of Purchase Order for the equipments.

xv. The company reserves the right to accept /reject /divide the order as per requirement

Kindly label the tender document and its envelope with “Offer for Supply of Lapidary Equipments

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 July 16, 2008. All quotes/bids will be opened the same day at 1500 hrs at the PGJDC office in the presence of the representatives of the bidders who wish to attend.

(Contact Person: Management Associate R&D)

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