

FOR UPLOADING IN WEBSITE
KERALA SIDCO LTD
(A Government of Kerala undertaking)
Housing Board Buildings, Santhi Nagar, Thiruvananthapuram – 695 001
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No. P1/8815/07

Date: 13/11/2007

TENDER NOTICE

Kerala SIDCO invites sealed tenders for supply of (1) VERTICAL MILLING MACHINE (2) HIGH PRECISION LATHE (3) MILLING CUM DRILLING MACHINE (4) Hydraulic Type Power Hack Saw Machine (5) Heavy duty Pillar type Drilling Machine 1 ½ " Capacity (38mm) (Geared with Auto Feed). The tender should reach the office on or before 3 PM on 11/12/2007.

Sd/-
MANAGING DIRECTOR

SIDCO TOOLS, UMayANALLOOR

E.M.D	:	Rs.25,000/-
Cost of Tender form	:	Rs.1000 + VAT(12.5%)
Cost of Duplicate copy	:	Rs.500 + VAT (12.5%)
Last Date and Time of sale of tender form	:	11.12.2007. 2 PM at Head Office Kerala SIDCO Ltd., Housing Board Buildings, Santhi Nagar, Thiruvananthapuram – 695 001 Tel:No. 0471-2330613, 2330614
Last Date and Time of receipt of tender form at Head Office (Deputy General Manager (P), Kerala SIDCO Ltd., Housing Board Buildings, Santhi Nagar, Thiruvananthapuram)	:	11.12.2007 3 P.M.
Opening of Tender at Head Office (Kerala SIDCO Ltd., Housing Board Buildings, Santhi Nagar, Thiruvananthapuram)	:	11.12.2007 4 P.M.

Service Workshop, Ollur

E.M.D	:	Rs.2000/-
Cost of Tender Form	:	Rs.400 + VAT (12.5%)
Cost of Duplicate copy	:	Rs.200 + VAT (12.5%)
Last Date and Time of sale of Tender Form	:	11.12.2007 2 PM
Last Date and Time of receipt of Tender Form at Head Office. The Deputy General Manager (P) Kerala SIDCO Ltd., Housing Board Buildings, Santhi Nagar, Thiruvananthapuram	:	11.12.2007 3 PM
Opening of Tender at Head Office, Kerala SIDCO Ltd., Housing Board Buildings, Santhi Nagar, Thiruvananthapuram	:	11.12.2007 4 PM

Tenders shall be submitted in two separate cover superscribed as (1) " Tender for supply of machinery to SIDCO Tools, Umayanalloor (2) " Tender for supply of Machinery to Service Workshop, Ollur.

The Managing Director, SIDCO will have the right to accept or reject either partly or in full any or all the tenders or amend or release any of the conditions of the tender without assigning any reasons thereof.

SIDCO TOOLS UMayANALLOOR

Purchase of Machinery

1. VERTICAL MILLING MACHINE : 1 No.

A. Technical Specification

- (a) Table over all size (LxW) : 1245x230mm
- (b) Clamping Area : 1000x230mm
- (c) T-slots No./Width/CD : 3/14/45mm
- (d) Longitudinal Movement
 - Automatic : 560mm
 - Mannual : 590mm
- (e) Transverse Movement
 - Automatic : 250mm
 - Mannual : 270mm
- (f) Vertical Movement
 - Mannual : 390mm
- (g) Quill stroke, Mannual : 70mm
- (h) Milling Spindle front bearing : 70mm
- (i) Spindle Taper : ISO 40
- (j) Vertical milling Headswivelling to both side : 45 Degree
(Graduated up to 50)
- (k) Speed Range : 45-2000 RPM. No./Progression : 12/1.4
- (l) No. of speed : 18 Nos.
- (m) Feed Range (Prog.1.25)
 - Longitudinal : 16-800mm/min
 - Transverse : 16-800mm/min
- (n) Milling Spindle Motor : 3kw
- (o) Feed Motor : 0.75kw
- (p) Maximum safe weight on the Table : 170kg
- (q) Nett Weight (Approx.) : 1800kg

B. Special Accessories

- (a) DRO (Digital Read Out)x,y&z axis with 5 Micron Resolution (Electronica-Infiniti-Model)
- (b) Coolant Equipment
- (c) Machine Lamp
- (d) Micro Boring & Facing Head 200mm Boring capacity.
- (e) Collet Adaptor ISO 40 with set of 8 collets of sizes 4,6,8,10,12,16,20 & 25
- (f) Vice with Swivel base jaw with 160mm opening 130mm.

- (g) Dynamic Industrial Vacuum Cleaner wet & Dry model No.SP 772, 30Ltr. Capacity 2200mm of Wg. Over flow 190M3/Hr. 1200 watts motor with std. accessories

2. HIGH PRECISION ALL GEARED LATHE : 1 No.

With Heavy duty geared head, hardened and ground gears, 12 steps spindle speed 45 - 1800 RPM, shifts in geometric Progression, spindle is supported by two precision taper roller bearing and spindle nose is hardened and ground. The machine supplied with standard accessories consisting of Main Motor 3 HP 3 Phase & Electrical Equipment, 6" Dia Back plate, 4-Way Tool post, Screw wrench for 4-way tool post, Threading dial Indicator, change gears, Tool box, Centre Sleeve MT No.5 x 3, Two Centres MT No:3, Camlock Spindle Wrench, Oil Gun (Piston Oiler). One can of spare paint, Screw Driver, Spanner (double ended wrench) 12x14, 17x19, Hexagonal Wrench 3,4,5,6,8 and also optional accessories consisting of 3 Jaw Chuck 6", Steady Rest, Coolant Pump Equipment and Splash Guard.

(A) Technical Specification

(a) Swing Over Bed	: 330mm
(b) Swing Over Cross Slide	: 195mm
(c) Swing Over Gap	: 490mm
(d) Width of Bedways	: 190mm
(e) No. of spindle speed	: 12
(f) Range of Spindle speed	: 45-1800RPM
(g) Hole Through Spindle	: 38mm
(h) Spindle Nose	: D1-4 Camlock
(i) Taper of Spindle Bore	: M.T.No.5
(j) Tail stock Quill Taper	: M.T.No.3
(k) Tail stock Quill Travel	: 110mm
(l) Cross Slide Travel	: 165mm
(m) Compound Rest Travel	: 85mm
(n) Metric Threads	: (32) 0.4-7.0mm
(o) Inch Threads	: (32) 4-56 TPI
(p) Module Pitches	: (32) 0.4-7.0 MOD
(q) Diametral Pitches	: (32) 8-120 DP
(r) Longitudinal Feeds	: (40) 0.067-1.485mm
(s) Cross Feeds	: (40) 0.033-0.742mm

(B) Accessories

- (a) 8"x4" Jaw Chuck with Back Plate
- (b) Face Plate 10"
- (c) Follow Rest
- (d) Micrometer type Carriage stop
- (e) 4 position carriage stop
- (f) Revolving Centre MT3

(g) DRO (Digital Read Out)

3. MILLING CUM DRILLING MACHINE : 1 No.

A. Technical Specification

Table size	: 210x730mm
Spindle Taper	: MT3/R-8
Swing	: 405mm
XY Travel	: 500x175mm
Motor	: 2 HP
Drill Capacity	: 32mm
Face Mill Capacity	: 75mm
Spindle Travel	: 130mm
Spindle Speed	: 100-2080 RPM (50Hz) (12 step)
Spindle to Table	: 48mm
Weight	: 270kg

B. Accessories

- (a) DRO (Digital Read Out)x,y&z axis for the above machine (Electronica-Infiniti-Model)
- (b) Coolent Pump with Tank Attachment
- (c) Clamping Kit

4. HYDRAULIC TYPE POWER HACK SAW MACHINE : 1 No.

Technical Specification

Maximum Round Cutting Capacity	: 200mm
Maximum Square Cutting Capacity	: 175mm
Number of speed	: 3
Number of speed stroke per minute	: 80-100-125
Size of Saw Blade	: 400x32mm
Main Motor	: 0.75KW, 415V, 3 phase, 50Hz
Coolent Motor	: 0.09KW.

SIDCO SERVICE WORKSHOP, OLLUR

1 Heavy duty Pillar type Drilling Machine 1 1/2" capacity (38mm) : 1 No.
(Geared with Auto Feed)

Technical Specification

Precision type Electric Motor- 2 H.P with Motor RPM - 1440

Spindle Speed -170-680 with the following accessories:-

1 Coolant Pump with Motor	:	1/8 H.P
2 Drill chuck with key	:	13mm and MT2 Arbor
3 Reduction sleeve	:	MT 4-3
4 Reduction sleeve	:	MT 3-2
5 Machine Vice 6" Swevel Type	:	1 No.