

Government Of Jammu And Kashmir
Ladakh Autonomous Hill Development Council Kargil
OFFICE OF THE MEMBER SECRETARY INSTITUTE MANAGEMENT COMMITTEE
(IMC) I T I KARGIL

Tender Notice

For and on behalf of the Governor of Jammu and Kashmir State sealed tender duly affixed with revenue stamp worth Rs. 6/- are invited from the authorized/reputed dealers for purchase of **Tools/ Machinery Equipment Raw-Material, (Consumable Items) and Furniture items** required for Industrial Training Institute Kargil for the year 2017-18 under PPP Scheme as per **annexure "A"** to this NIT. The tender documents can be had from the office of the undersigned against cash payment of Rs. 400/- only on any working day **up to 30/06/2017** during office hours, and can also be download from the official website i.e. www.itikargil.in an cost of tender form can be deposit in A/C No. 0096040100032922 of superintendent ITI Kargil J&K Bank branch main bazar Kargil. The tenders should be addressed to **Member Secretary Institute Management Committee (IMC) Industrial Training institute, Kargil** duly marked a tender for Tools/Equipment/Raw-Materials and should reach this office by or before **20/07/2017 up to 3:00 PM** and the same shall be opened on the same date or on any other working date convenient to the tender opening committee to be constituted by **Chairman (IMC) ITI, Kargil**. The tenderers have to furnish earnest money of **Rs. 50,000/-** in the shape of CDR only from any scheduled bank pledged to **Member Secretary Institute Management Committee (IMC) Industrial Training institute, Kargil** failing which tender shall be outrightly rejected. The Tools & Equipment shall have to be supplied F.O.R ITI Kargil.

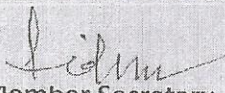
Terms and condition:

1. Tenderers are required to submit technical bid and financial bid in two separate covers each with a prominent superscription as "technical bid and financial bid". These two sealed covers are required to be put in a third cover separately, duly superscribed as "Tender for Raw-material, **Tools/ Machinery Equipment, Raw-Material (Consumable Items) and Furniture items** which should also be sealed and deposited by the tenderer on the above stipulated date and time. The tenderer should sign the tender form document at each page, in acceptance especially of terms and Conditions.
2. The earnest money will be released to the un-successful tenderers after the finalization of rate contract.
3. All rates quoted in the prescribed tender form must be written both in words and figures without cuttings/ over writing and mutilations FOR premises of the concerned department and should include all taxes levies, freight besides loading/ unloading etc. as applicable.
4. (A) The envelop of the technical bid should contain:-
 - I. Registration dealership certificate of J&K Commercial Tax Department (indicating TIN no.)
 - II. Latest VAT clearance certificate ending 06/2017.
 - III. CDR worth Rs. 50,000/-(B) The envelop of the financial bid should contain:

The envelope containing the financial bids should include the prescribed tender form duly filled in affixed with revenue stamp of Rs.6/-
5. The financial bid shall be opened only in respect of those tenderers who qualify the technical bid.
6. The requirement shown in the **annexure 'A'** to this NIT is tentative which can be increased or decreased, as per actual requirement and subject to availability of funds.
7. The rate offered by the successful tenderer and acceptance communicated thereof to him will, under no circumstance, be enhanced at any stage during the period of contract i.e. up to.

Contd.....

8. The successful tenderers shall be personally responsible for the safe delivery of the Raw material, Tools & Equipment/ Sport materials as per specification, at the premises of the ITI, Kargil, any loss damage or shortage that may occur during transit will be borne by the concern supplier.
9. If the supplier fails to supply the, Tools & Equipment/Sport materials within 25 day from date of placement of supply order, a penalty of 5% of the total value of supply shall be imposed on him which however shall be subject to the decision of Chairman (IMC) ITI, Kargil depending upon circumstance causing delay.
10. In case of default, the department shall be at liberty to arrange supply the **Tools & Machinery Equipment/Raw-Material, (Consumable Items) and Furniture items** at the risk and cost of the supplier, besides forfeiture of CDR of the defaulting supplier and further action as warranted under rules shall be initiated against the said supplier.
11. The payment shall be made only when whole quantity of stores is delivered by the supplier, at forgoing
12. recorded destination, followed by the verifying committee to be constituted Chairman,(IMC) ITI.Kargil.
13. In case the **Tools/Equipment/ Raw-Material, (Consumable Items) and Furniture items** supplied by the supplier is not according to prescribed technical specification, the same shall be rejected outrightly and shall have to be replaced by him within 10 days without extra cost.
14. All legal proceedings if necessity arises, shall be subject to the jurisdiction of Hon,ble Distt. Court Kargil.
15. The contractor shall not assign or sublet his contract or any substantial part thereof to any other agency, which shall entail cancellation of supply order with punitive action as per condition No.12
16. The successful tenderers shall have to execute an agreement before issuance of supply order on the prescribed form and have to remit security deposit @ 2% of the total value of the supply in the shape of CDR drawn in favour of **Member Secretary Institute Management Committee (IMC) ITI, Kargil**, for due performance and successful completion of the agreed contract. The security money will be returned after two months from the date of completion of the agreed contract. No interest will be paid by the department on such security. However, failure to execute the required agreement will not prevent the department from enforcing the conditions of supply order upon the supplier.
17. The Purchasing committee of (IMC) ITI, Kargil reserves the right to accept or reject any or all tenders without assigning any reason therefore.
18. No conditional tender shall be accepted.
19. All the terms conditions shall also be a part of supply order and agreement.
20. Any other condition that is not indicated herein can be incorporated in the supply order of Agreement before execution of contract.


Member Secretary
Institute Management Committee
(IMC) ITI, Kargil

Dated:- 24-06-2017

NO: ITI-K/Tender/PPP/2017-18/ 132-40

Copy to:

1. Director Technical Education J&K Srinagar for information.
2. Chairman IMC/ Chief engineer NHPC Chutuk Kargil for information.
3. Joint Director Information Srinagar/ Jammu for wide publicity in two prominent English dailies published at Jammu and Srinagar. Copy of all news papers may kindly be provided to this office well before opening of tenders, for record and reference.
4. Deputy Director Technical Education Srinagar for information.
5. District Informatics Centre Kargil to place the tender on the official website.
6. Director, All India Radio Station Kargil for information, and wide publicity through his media at least 3 consecutive days please.
7. Manager, Local News paper Vice of Ladakh for information and wide publicity, and a copy of the paper cutting & cost of bill may also be furnished this office for record.
8. Notice Board ITI Kargil/ Bazaar/ Baroo.

Annexure A:

S. No	Name of Items with Specification	Unit	Quantity
1	CAD software (10 user licensed latest version)	Nos	2
2	Plotter A1 size HP Designjet range, Canon imagePROGRAF, Epson StylusPRO, Xerox and Océ	Nos	1
3	Digital Theodolite latest model with all accessories (Feaatured:- Based on laser technology, two large LCD panel with easy to read, Automatically compensates tilt in two direction and compensates vertical angles. High integrated electronic board and IC elements) (Detailed specification in annexure)	Nos	1
4	Instrument for Total Station with latest model, with all accessories (graphic LCD display on both side,multi funtion keyboard on both side. Able to interchange data between GPS and total Station without any data conersion.Minimum 8 hours rechargeble li- ion battery.Poles and prism 2Nos each) (Detailed specification in annexure)	Nos	1
5	Hand held GPS (latest model)with standard specification (Detailed specification in annexure)	Nos	2
6	Auto level with all accessories	Nos	2
7	Computer Tables (Detailed specification in annexure)	Nos	8
8	Computer Chairs (Specifications in annexure)	Nos	21
9	Box drawing instrument containing one 15cm compass with pin point , pin point and lenthening bar,one pair spring bows,rotating compass with interchangeable ink and pencil point,drawing pens with plain point and cross point,screw driver and box of leads.(0.2.0.3.0.4mm)	Nos	21
10	Protector celluloid 15 cm semi circular.	Nos	21
11	Scale card board-metric set of eight A to H in a box1:1,1:2,1:2.5,1:5,1:10,1:20,1:50 1:100,1:200,1:500,1:1000,1:2000,1:1250,1:6000,1:38 1/3,1:66 2/3	Nos	21
12	Scale plotting box wood 6 metric scales 30cm long with offset	Nos	21
13	Set square transperient 20cm ,2mm thick with bevelled edges 45 degree.	Nos	21
14	Set square celluliod 25cm,2mm thick with bevelled edges 60	Nos	21
15	T-Square 1250mm/mini drafter/parallel Bar	Nos	21
16	Template -Architeets and builders	Nos	21
17	Geometrical models(wooden/plastic)as per given below:		
a	Cube 08cm sides	Nos	4
b	Rectangular parallel piped 8cmX15cm	Nos	4
c	Sphere 8cm dia	Nos	4
d	Right circular cone 8cm dia base and 15 cm vertical height	Nos	4

e	Square pyramid 8cm side base and 15cm vertical height	Nos	4
f	Cylinder 8cm dia,15cm height.	Nos	4
g	Prism traingular 8cm side trangle and 15 length	Nos	4
h	Prism hexagonal 8cm sides hexagonaland 15 length	Nos	4
18	Templates-circle,Ellipse,furniture,etc	Nos	4
19	French curves-transparent plastic set of 12	Nos	4
20	Flexible curve 80cm long	Nos	4
21	Radius curve metric 3mm to 15mm	Nos	4
22	Brass Parallel rulers in a case	Nos	4
23	Calculator scientific(Non- Programable)	Nos	4
24	Propotional dividers 15cm	Nos	4
25	Steel tape 30 meters long	Nos	4


 Member Seceretary
 ITI Kargil

Annexure

TECHNICAL SPECIFICATION OF TOTAL STATION

1. **Magnification** : 30X
2. **Effective diameter of objective** : 45mm
3. **Shortest focusing distance** : 1.5m
4. **Laser pointer** : Available
5. **Operating Temperature** :- 200C to + 500C
6. **Angular accuracy** : 5" Accuracy as per JIS / DIN Standards
7. **Least count** : 0.1" / 1" Selectable
8. **Distance measurement accuracy** : 3mm + 2ppm (With Prism)
9. **Clamps (Horizontal & Vertical)** : Locking System / End Less Frictional Moment
10. **Plummet** : Built in Laser plummet
11. **Compensator** : Dual Axis
12. **Compensator range** : Dual axis with + 3.5'
13. **Distance measurement with Single Prism** : 5000m or Better.
14. **Distance measurement without Prism** : 300 m Or better
15. **Internal Point Memory**: Approximately above 1,00,000 lakh points /128 MB memory capacity available.
16. **Power supply** : Through Rechargeable Lithium ion Batteries
17. **Operating time** : 10-12 Hours of backup in all modes or Better
18. **Communication (Data Transfer)** : USB port, Integrated Blue tooth, Pen drive or better
19. **Display** : Dual side display
20. **On Board Operating Software** : Windows CE.net with TFT Color Display
With Touch Screen Facility at least minimum on one side or better
21. **Key Pad** : Full Alphanumeric Key Pad on both Side.
22. **Water & Dust protection** : IP 66
23. **Angle Measurement** : Absolute Encoding System.
24. Able to interchange data between GPS and total Station without any data conversion.
25. On Board Software Should Perform : Data Collection in 3D, Resection, Setting out – Points / Arcs / Lines , Point Projection-Offset from the line / Offset to the line, Intersection-Line / Arcs, Feature Coding , Traverse Adjustment with detailed report , Offset –Angle (Hidden points) , compute distance (MLM), Remote Object Height, Area Calculation-Division of Area Parallel or Hinge Wise , Link CSV Files and Existing Jobs Files, CSV File can be created On the Instrument itself, DXF File can be kept as Background In the map of Current Job or better.

List of Items supplied along with the main equipment for Each Unit.

- a) Heavy duty wooden Tripod – 1 no each,
- b) Single circular Prism with Target plate holder – 1 no each,
- c) Telescopic Prism pole (2.6m) – 1 no each,
- d) Internal Batteries : Rechargeable Lithium ion type – 2 no each,
- e) Pen Drive of 4GB capacity should be supplied – 1 No. (of Good Quality)
- f) Charging kit: 1 no each with facility for charging 1 or more batteries at a time.
- g) Good Quality Box for Instrument and accessories.
- h) Instruction Manual CD should be included.
- i) Data Transfer Cable – USB type / compatible to Instrument should be supplied.

Post Processing Software: will meet all these points , (Standard Supply)

- Data Reading : Reads - CSV/DXF/DWG
- Point Extraction : From Drawing File.

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- Conversion : Random Points to Grid and Map Can be exported to other Formats Like SHAPE,
- Volume Calculation can be done by various methods Like Surface –Surface, Surface –Datum, Stock Pile , Depression and Isopach .
- Point code Library : Can able to Edit, Attach Blocks also.
- CAD : Built In some CAD options, Generate Map & drawing options can able to do.
- Sections : can be done.
- Alignment : Coded points to make Alignments.
- Report : User Defined Reports can be generated both in Instrument as well as in processing software.
- Color Coded 3D View : Available for points.

Specifications : Digital Theodolite

1. Angle measurement:

- i. Accuracy: $\leq 5''$
- ii. Method: Absolute Reading
- iii. Detecting: Horizontal 2 side , Vertical 1 side
- iv. Minimum reading: $1''/5''$ 0.5 mgon /1 Mgon
- v. Diameter Circle: 71mm

2. Telescope:

- i. Magnification: 30X
- ii. Length: 152 mm (5.9")
- iii. Objective Lens: 45 mm (1.7")
- iv. Field of view: $1^\circ 30'$
- v. Resolving Power: 2.5'
- vi. Minimum Focus: 1m (3.2')
- vii. Stadia Ratio: 100
- viii. Stadia constant: 0
- ix. Stadia Collimator: Double

3. Laser pointer:

- i. Method: focussing
- ii. Wavelength/Power: 630 nm/.6 mW
- iii. Laser Class: Class II

4. Display: two sides LCD Seven segments

5. Data Output: RS 232 C

6. Illumination:

- i. Display: Yes
- ii. Reticle: Yes

7. Compensator:

- i. Tilt sensor: Vertical
- ii. Tilt Range: $\pm 3'$

Handwritten signature

8. Optical Plummet:

- i. Magnification: 3X
- ii. Field of view : 3°
- iii. Focusing: 0.5 m to ∞

9. Level Sensitivity:

- i. Plate level: 40"/2mm
- ii. Circular Level: 10"/2mm

10. Water Protection: IP66

11. Power supply: 4AA batteries

12. Operating Time:

- a) Theodolite only :140hours
- b) Laser Only: 80 hours
- c) Theodolite & laser: 50 hours

13. Operating Temperature: -70 to 120 C

SPECIFICATION FOR COMPUTER TABLE:

- 1. Computer Table of size – 3.20 feet length X 2 feet width X 2.5 feet height.
- 2. Computer Table top made of both sides pre-laminated board of Nova panel board of 19 mm thickness.
- 3. The edges of the computer table top to be covered with PVC beading.
- 4. Side panels made in steel CR sheet of 20 gauge of 10 inches with base of 2 inch thickness fitted with PVC shoes.
- 5. Computer table will be provided with sliding keyboard tray of 20 inches in length
- 6. Computer table will be provided with 3 shelves for keeping the CPU, UPS and other accessories.
- 7. Workmanship should be good and table should have aesthetic look.
- 8. The detailed Dimensions are given in drawing.

Technical Specification GPS Handheld:

Features	Specifications given below are minimum required
Operating System	Windows Embedded Handheld 6.5 Professional
CPU	800 MHz
GPS Receiver	Integrated high sensitivity GPS receiver and antenna with 50 channels, NMEA support should be available
Display	4" WVGA, Directly seen in the sunlight, It should be with Gorilla glass display
Memory	Handheld device should have a RAM of 512MB and Flash memory of 5GB. The handheld should support 32GB SD Card also.
Camera	5MP Camera with LED flash and geotagging facility available even without using Data collection software
Battery	Battery should be 3300 mAh lithium-ion rechargeable battery with 8 hours working in the field
Connectivity	Handheld device should have Bluetooth, Wi-Fi and USB connectivity
GPS Accuracy	GPS should be able to provide 2-4 meter Real Time Accuracy with SBAS (EGNOS, WAAS, GAGAN, MSAS) and 1-3 meter accuracy in differential correction mode/post processed mode
Time to first fix	30 seconds
MicroSD Card	32GB expandable slot
USB Cable	Should be provided for data transfer
Power cable	YES
IP casing	Handheld casing should be IP 68 standard with 90% humidity limit
Drop	It should be 1.22m
Temperature	Operating Temperature should be in between -30 degree C to +60 degree C and Storage Temperature should be -40 degree C to +70 degree C

Data Collection Software:

Software should allow for Graphical attribute selection, in addition to textual attributes
Conditional-based attributes facility, i.e. attribute values should dynamically adapt to user inputs on data capture forms
Accurately predict the post-processed accuracy while data collection in the field
Configure user-interface & lock the configuration settings to field users
Support for search, sort and filter capabilities to allow quick and accurate feature identification in the field
There is an audio and visual warnings and alarms for loss of GPS position
Provide easy to use zoom in, zoom out, pan, autopan, select, query, measure, search, and filter capabilities for flexible and powerful map display


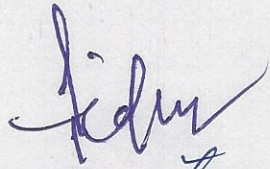
S/dac




Capability to collect point & line offsets for inaccessible areas
Include time saving features for attribute entry including, default values, menu pick lists, auto-incrementing, and auto generation of date and time attributes
Software should support for GPS logging of points, lines or areas for simple and accurate feature capture
Support for digitizing of points, lines or areas for simple feature capture when GPS is not available
It should allow configuration of navigation information including distance, bearing, heading, velocity, go east, go north, go up, go down, ETA and time to go, cross track error, altitude and turn direction
It should support for waypoint upload and display
GPS coordinates in the Latitude/Longitude (WGS 84) & UTM system

Total Quantity required	2
Warranty required	3 years onsite

Sr-faculty

Superintendent
I.T.I Kargil

Detailed specifications**1. Dimensions:**

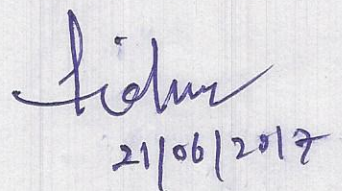
All dimensions are minimum value.

Nomenclature of dimensions is as per diagram at Annexure-II (Refer annexure-II for dimensions only)

- Seat Height (SH): 430 MM (min.) (without seat lift)
560 MM (min.) (with seat lift)
- Seat Lift: 130 (min.)
- Total chair Height (H): 670 MM (min.)- low position (with seat lift & without back lift)
900 MM (min.)-high position (with seat lift & with back lift)
- Back Lift: 230 MM (min.)
- Wheel Base:
 - Depth (D): 640 MM (min.) (Caster wheel base)
 - Width (W): 640 MM (min.) (Caster wheel base)
- Seat Size:
 - Seat Depth (SD): 420 MM (Min.)
 - Seat Width (SW): 440 MM (min.)
- Back Seat
 - Back Height (BH): 280 MM (min.)
 - Back Width (BW): 380 MM (min.)
- Seat Back Tilt: adjustable 0- 15 degrees

2. The Seat and Back Cushion of the chairs should be pressed on 12 mm hot press moulded ply. The seat cushion of the chair should be with density of $45 \pm 2 \text{ Kg/m}^3$ polyurethane moulded and back cushion with density $33 \pm 2 \text{ Kg/m}^3$. The polyurethane foam shall be as per manufacturer's specification. The hardness of foam shall be $16 \pm 2 \text{ kgf}$ as per IS7888 for 25% compression and it should be covered with blue/brown/cherry fabric.
3. The arms of the chair should be black.
4. The lift mechanism should be pneumatic or hydraulic.
5. 360° revolving type.
6. The pedestal should be five legged with 5 nos. twin wheel castors. The twin wheel castors to confirm as per IS Standards.
7. Guarantee of 1 year is required.
8. All material should be used as per IS Standard.

See/P

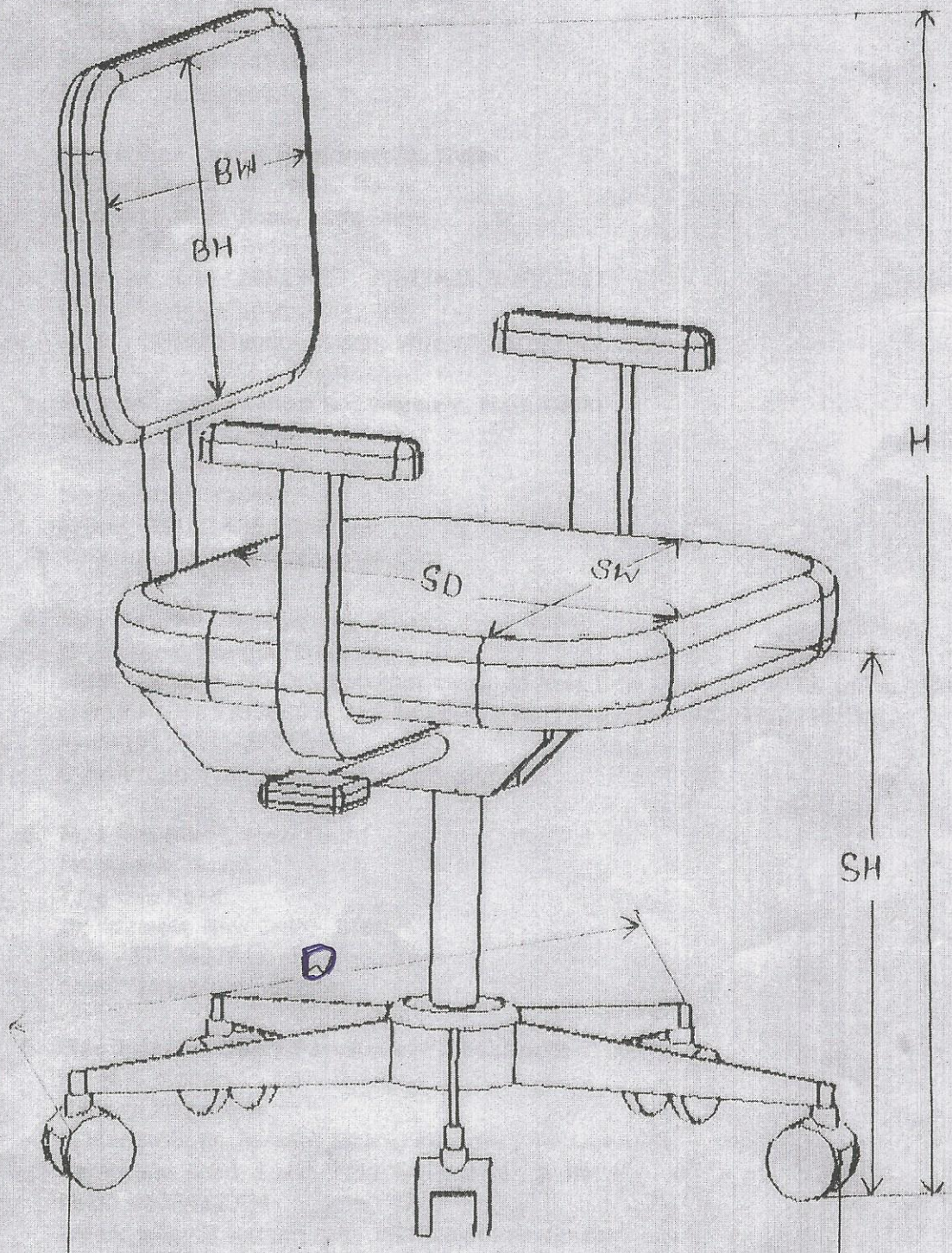



21/06/2017

COMPUTER CHAIR

At the XVP-II

(3)



Sen/R

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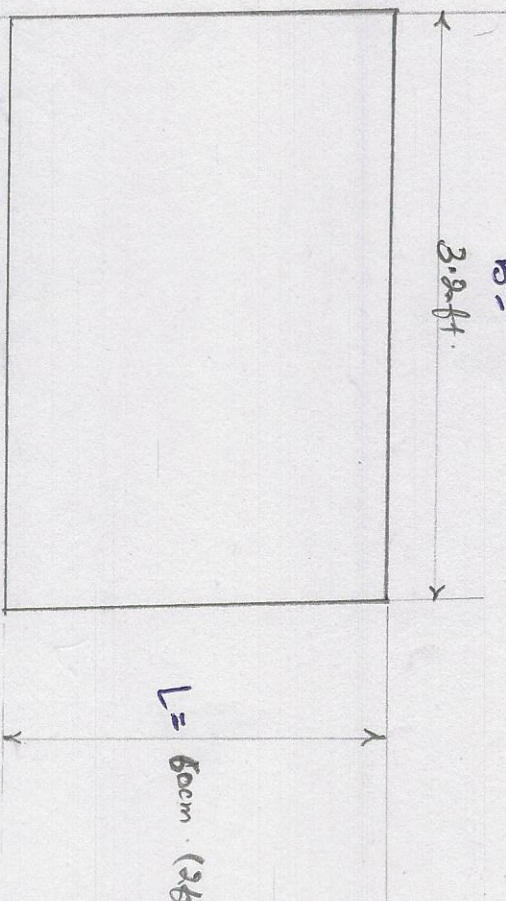
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Annexur of Computer Table

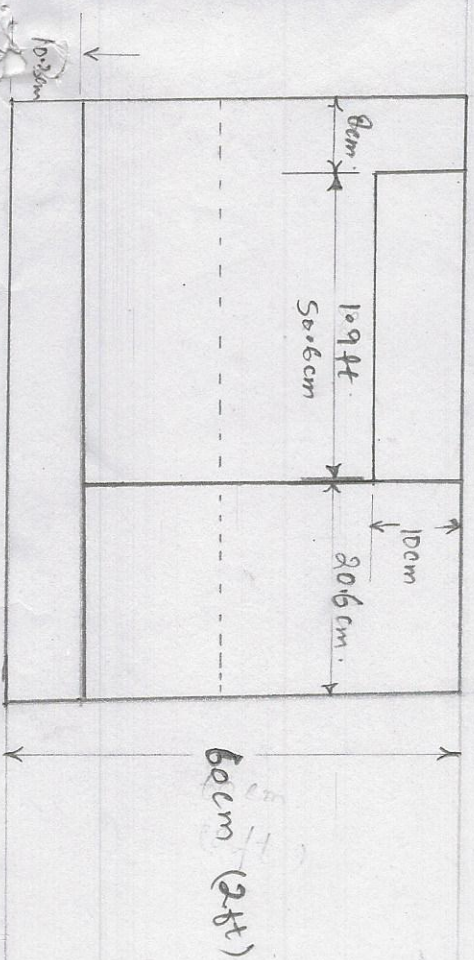
$B =$

3.2 ft.



Top view.

(3.2 ft)
90.7 cm



Front view

60 cm (2 ft)

50 cm (1.7 ft)

80 cm

10 cm

H = 70.5 cm (2.5 ft)

60 cm
8 ft
Side view

