

INVITATION FOR QUOTATION

HSCC/PUR/KCGMC/Low Value/Medical College /2017/Occupational Theraphy dt. 28th Aug, 2017

To,

All Bidders

Subject: Invitation for Quotations for supply of Low Value Items for *Dept. of Occupational Therapy* for *Kalpana Chawla* Medical College, Karnal, Haryana.

Dear Sirs,

1. Director General, Medical Education & Research, Panchkula, Govt. Of Haryana through its Consultant HSCC (India) Ltd. Invites most competitive quotation for the following goods of the respective Departments as detailed below:

Annexure – (Including name of items, Specification and Quantity)

(I) Dept. of Occupational Therapy

III Quotation:

- 2.1 The contract shall be for the full quantity as described above.
- 2.2 Corrections, if any, shall be made by crossing out, initialling, dating and rewriting.
- 2.3 The prices quoted by the bidder shall be fixed for the duration of the contract and shall not be subject to adjustment on any account.
- 2.4 The unit price/ rate of the item should be clearly indicated in the tender. Rates /Prices quoted shall be Inclusive of all taxes, duties, forwarding, and insurance & transportation up to the destination, Kalpana Chawla Medical College – Karnal. Annexure-A is enclosed for price bid quotation format.

III Each bidder shall submit only one quotation.

III Evaluation of Quotations:

The Purchaser shall evaluate and compare the quotations determined to be substantially responsive i.e. which;

- 4.1 are properly signed; and
- 4.2 confirm to the terms and conditions, and specifications.
- 4.3 final considerations of equipments shall be based on the quality of equipments during demonstration / inspection.

III The Quotations would be evaluated item wise.

6. Award of contract:

- 6.1 The Purchaser will award the contract to the bidder whose quotation has been determined to

be substantially responsive and who has offered the lowest rate for the item subject to quality of the items during demonstration / inspection.

6.2 Notwithstanding the above, the Purchaser reserves the right to accept or reject any quotations and cancel the bidding process and reject all quotations at any time prior to the issue of Purchase Order, without assigning any reason.

7. Delivery period shall be within **07** days from date of placement of order.

8. Payment shall be made only in Indian Rupees as follows:

Satisfactory Acceptance and delivery – 100% of total cost

100% Payment on submission of following documents (Duly signed & stamped at your end):-

- Copy of Purchase order.
- Consignee Acceptance Certificate in original issued by KCGMC/HSCC
- Invoice in favour of consignee/Director, KCGMC, Karnal through HSCC (I) Ltd
- Warranty Certificate in original.

9. All supplied items shall be under warranty of **12** months from the date of delivery/successful acceptance.

10. You are requested to provide your offer as follows:

Sr. No.	DESCRIPTION	Closing date & time for submission & receipt of tender	Date and time of Opening of Techno – Commercial Tenders
I.	Department of Occupational Therapy	8 th Sept. 2017 at 14:00	8 th Sept. 2017 at 14:30

NOTE: (Under any unforeseen circumstances if the due date for submission of Tender is declared as holiday then the tender shall be submitted & opened on the next working day at the scheduled time).

The quotations will be opened in HSCC office, NOIDA as mentioned above in the presence of tenderer or their authorised representative as they may choose to attend.

11. Information brochures/ Product catalogue, if any, must be accompanied with the quotation clearly indicating the model quoted for.
12. Sealed quotation to be submitted/ delivered at the address mentioned below:

**General Manager (Procurement)
HSCC (India) Ltd.
E- 6 (A), Sector -1.
NOIDA – 201 301.**

THE COVER SHOULD BE SUPERSCRIBED WITH THE FOLLOWING:

Reference to letter of enquiry.
Due date of opening.
Serial No of the Items with Department.

13. Quoted amount should be in Indian Rupees only.

14. For all items, the Technical Evaluation Committee may opt for Demonstration of the items. The Committee may also ask for Demonstration / Inspection before supply / delivery of the items for quality assurance.

15. Insurance shall be arranged/borne by supplier.

Note: Please indicate the quotation reference no. (Given at the top of page 1 of this letter) and Serial No of the Items on the top of the envelope.

The details of various medical equipment shall be also made available at www.hsccltd.co.in, and modification/amendments etc, if any, shall only be notified on website only.

We look forward to receiving your quotation and thank you for your interest in this project.

General Manager (Procurement)

Price bid

Sl No.	Name of Item	Qty(Nos)	Unit Price (Rs.) (Incl. Of forwarding, packing, insurance, transportation up to destination)	Tax (if any)	Unit Price (Incl. Tax)	Total Price(Incl. Tax) Rs.

We accept all terms and conditions of the above Invitation of Quotation

Authorized signatory
Name , designation and sealed

DEPARTMENT OF OCCUPATIONAL THERAPY

OCCUPATIONAL THERAPY EQUIPMENTS AND INSTRUMENTS

1.SANDING UNIT FOR RECIPROCAL EXERCISE (WITH ADJUSTABLE INCLINE)- 01 unit.

SPECIFICATION:

Consists of two wooden hinged planks, Upper plank's angle of inclination can be adjusted from horizontal to vertical position. Two pulleys are fitted at the top of 30cm wide upper plank for reciprocal hand-shoulder exercises. Provided with three set of sanding hand blocks with different grasp holds.

* Upper Plank: 30cm x 100cm high with center divider having a measuring tape.

* Lower Plank: 30cm wide with 6 slots to hold upper plank for angle adjustments.

* Sand Blocks: 3 pairs, with different grasp holds & clips to fix sand-paper.

Provided with table made up of teak wood L=48, W=36, H= 30.

2.SUPINATOR & PRONATOR EXERCISER: 01 each.

Bright laminated Six wooden discs & Six metal ring slide smoothly along colored wire maze, mounted on a laminated base.

a) ZIG-ZAG TYPE.

b) RAINBOW TYPE.

3. PHYSIO-GYMNIC-BALL / THERAPY BALL- 01 each.

Inflatable, molded heavy duty vinyl ball.

Diameter- 22 (55cm), 30(75cm)

Provided with the pump to inflate the gym ball.

4. SHOUDLER ABDUCTION LADDER (Wall Mounting): 02 unit.

Made of polished teak wood having 30 numbered steps.
Size: 105cm high x 9cm deep x 8cm wide.

5. HAND GYMKIT BOARD: 01 unit.

Laminated exercise board with storage drawer, have several holes to fix Pegs and Springs. Comes with One Finger Disc, One Roller, Three Spring loaded Knobs, 3 Aluminum pegs and 3 Sets of Springs of different tension.

6.DRESSING FRAME SET: 01 unit each.

Set of two laminated boards fitted with Buttons and Zippers.

7.FINGER DEXTERITY FRAME:01 unit.

Set include one tweezer, 100 stainless steel pins & a laminated board with hundred holes.

8. WRIST ROLL (Wall mounting): 01 unit.

One-piece aluminum roll in three different diameters i.e. 30mm, 40mm and 50mm fitted to wall board size: 20cm x 90cm long with adjustable friction control mechanism, controllable from zero to maximum for flexion and extension exercises of wrist and forearm
Oven baked finish. Wooden parts finished natural.

9. ROTATORY WRIST MACHINE (Wall Mounting)-01 unit.

Single grip unit of precision machined metal drum with calibrated sensitive resistance control mechanism, is fitted on a height adjustable bar to suit different patients.

Resistance knob.

Range of motion can also be measured and recorded from the scale provided on the drum.

10. SHOULDER PULLEY SET (Tee Bracket)- 01 unit.

Tubular constructed wall mounting unit, two Pulleys, rope and two handles.

11. COUNTING AND COLOUR SORTING BEADS SET- 01 unit.

The box contains ten stainless steel wire rods & 100 plastic beads in five different colors

Rods fit in the lid of the box.

12. FINGER GRIP EXERCISER (with stand)- 01 unit.

Metallic frame grip exerciser fitted with MS base with rubber grommets.

Six detachable springs for resistance.

13. FINGER GRIP EXERCISER (without stand)- 01 unit.

Metallic frame grip exerciser fitted with MS base with rubber grommets.

Six detachable springs for resistance.

14. STEPPER- 01 unit.

Consist of- arm handles

- iron based rods-44" long
- display monitor
- resistance chairs
- hydraulic cylinders- 20" long
- foot platforms- 2 in no, 12 long
- platform-16" (forms the base).



15. LOWER HEIGHT TREATMENT COUCH (WOODEN)-01 unit.

Lower height wooden treatment couch for treatment of pediatric pts
DIMENSIONS- L-78" X B-40" X H-24".

16. BEAN BAG – 02 unit.

Provide customized, semi-permanent positioning when temporary positioning is needed. Bag with 27" diameter is filled with styrene beads which mold to the child's body shape. Can be used to accommodate structural deformities and is also appropriate for temporary posture correction.

17. WEDGE BOARDS- 01 each.

Adaptive positioning provides stability & support for those lacking full body control. Firm comfortable foam wedges help proper positioning in the prone & supine position and for achieving greater gross & fine motor skills.

Wedge Features:

1. Foam filled wedges covered with Nylon / Tetron.
2. Fitted with Velcro strap to position the child.

Sizes of Wedges are (Elevation X Base):

1. 15cm x 60cm x 70cm.
2. 20cm x 60cm x 70cm.
3. 25cm x 60cm x 70cm.

18. UTILITY CART or INSTRUMENT TROLLEY- 05 unit.

Versatile designed comes with three trays. Easily accessed anywhere in the department due to its mobility, provided with castors, complete frame with side bars at both ends made up of MS chrome plating

19. HIGH-LOW TREATMENT TABLE (Electrical)- 01 unit.

Electric, variable height, three section table is suitable for all treatments, including manipulation. Both ends elevate so that the back or legs can be raised without turning the patient. One end also lower -20 degrees. For some postural drainage & manipulation techniques and more comfortable sitting. The foam padded top is 195 cm long and 70 cm wide. Table height is adjustable from 50 cm to 90 cm. Frame-work in light blue oven baked finished.

20. HIGH LOW TILT TABLE (Electric operated)-01 unit.

Electrically operated Tilt Table with foam padded top, provided with three straps to hold the patient. Heavy duty motor provides silent and smooth lifting action with push button control switches. Range of tilt is calibrated from 0 - 90 degrees. The table top is 61cm wide x 195cm long x 80cm high, and is fitted on a heavy duty tubular steel frame with four locking wheels of 10 cm dia. For easy mobility. Table comes complete with a Utility Tray and gripping handle for ADL activity. Full 90 degree of tilt plus negative facility also Steel frame oven baked finish. Works on 220 V AC.

Equipped with two motors one for tilting the table and other for adjusting the height.

21. WEIGHT CUFF SET- (SET OF EACH)

Comes in 0.5kg, 1kg, 1.5kg, 2kg, 2.5kg and 3kg weights.

22. BALL MEDICINE - 01 each.

A modern day medicine ball constructed of a thick Vinyl shell with no stitches, patches or seams to break. These Balls maintain their round shape and makes it easy to catch and work with. Comes in different sizes & weights i.e.: 1 kg., 2 Kg., 3 kg.

23. THERAPY PUTTY (Imported, 2.25 Kg)- 01 each.

Bleed proof non-toxic, clean & non-oily therapy putty leaves no color or residue on patient's hand and it won't fragment, separate or stick to skin. It is designed to meet a wide range of hand / arm strengthening needs. Putty can be squeezed, twisted, stretched or pinched. Packs of 450 grams each in five different resistances.

24. BOLSTERS / ROLLS- 01 each.

The foam padded bolster is covered with bright color Nylon / Tetron cloth. It has a solid plastic core.

Comes in following sizes:

- (A). Dia. 15cm x 60cm Long.
- (B). Dia. 20cm x 90cm Long
- (C). Dia. 25cm x 90cm Long
- (D). Dia. 30cm x 90cm long.

25. EQUILIBRIUM BOARD (Rocker, Rectangular, 45x60x15cm): 01 unit.

The board encourages rhythm, balance, coordination and vestibular responses. As children develop confidence, they can use it in kneeling or standing position. The recessed sides provide hand holds to eliminate pinched fingers. Foam cushioned top is nonslip, providing sure footing during rocker / balance exercises. Size: 45cm x 60cm x 15cm high.

26. RESISTIVE EXERCISE BANDS SET (1.7metres x 5 resistances):

A set of Five resistive exercise bands, offers a resistive treatment and exercise system with unlimited options. Each roll of 15cm wide x 1.7 m long band, you can design exercise programs to suit's patient's specific needs.

Full Set comes in following FIVE resistances: -

- a, Light, Yellow (1.7m).
- b, Medium-light, Red (1.7m).
- c, Medium-Heavy, Green (1.7m).
- d, Heavy, Blue (1.7m).
- e, Extra-Heavy, Purple (1.7m).

27. PYRAMID SQUARE- 01 UNIT

By stacking different sizes of Ten Laminated Square blocks of 20 mm thickness on a 30 cm high metallic central peg a Pyramid is formed. It develops size consistency, concept and sequential placement of decreasing size. Also helps in elbow and shoulder exercises. Size: 254 mm (10") high wooden, painted.

28. PYRAMID ROUND- 01 UNIT

By stacking different sizes of Ten Laminated Round blocks of 20 mm thickness on a 30 cm high metallic central peg a Pyramid is formed. It develops size consistency, concept and sequential placement of decreasing size. Also helps in elbow and shoulder exercises. Size: 254 mm (10") high wooden, painted.

29. POSTURAL TRAINING MIRROR-01unit.

Best Indian mirror (dual sided), size 180cm x 60cm,protected by 5cm wide hardwoodpolished frame with back covered by plyboard,is fitted with a pair of angularand tubular stand. Frame is mounted on4 ball-

bearing rubber castors of 50mmdia. Approximate overall size is 210cm x 75cm. Metal parts oven baked finish.

30. ALMIRAH : 02 unit.

ALMIRAH WITH FOUR SHELVES, 22 GAGE.

31. TREATMENT MATS/ ACTIVITY MATS :02 unit.

All purpose lightweight mat of high density foam, protects body during exercises. The floor mat size 120cm x 190cm x 10cm is covered with nylon cloth & sewn with superior strength nylon thread. Loops on sides are provided for hanging on wall.

32. PEG BOARDS

a) Five Peg Board (25 Pegs): 01 unit.

The laminated square board have 25 holes to hold smoothly finished 25 solid plastic pegs, in five different bright colours.

b) Ten peg board (100 pegs): 01 unit.

Measures an individual's basic level of function in the area of colour identification, movement of fingers, hand and arm. The laminated board of 45cm square size, have 100 holes, 10 in a line, to hold smoothly finished One Hundred solid plastic pegs in Five different bright colours.

c) Peg Board Wall Mounting (10 round & 10 square); 01unit.

Combines the manipulative experiences of a Peg-board with practice in hand eye coordination, improves shoulder ROM and assists the development of grasp strength & tolerance. The mathematical puzzle creates interest and provide learning opportunity. 50mm thick and 150mm long, 10 Round and 10 Square pegs are easy to hold and place.

d) Graded square peg board: 01 units.

Useful for stimulating size and depth perception on advanced level. The 18"x12" laminated board has 25 square pegs of 1" size. Five each

graded in 5 heights. There are five rows of each size. Each size is painted in a different colours

e) Multi Shaped Peg Board (5 round & 5 square): 01unit.

The multishaped peg board comes with Five each of Round, Square & Triangular pegs in different sizes & diameters. Pegs are finished in different colours.

f) Graded Round Peg Board (25 pegs): 01unit.

Useful for stimulating size and depth perception on advanced level. The 18"x12" laminated board has 25 round pegs of 1" size. Five each graded in 5 heights. There are five rows of each size. Each size is painted in a different colour

g) Geometric Puzzle Peg Board: 01 unit

An elementary introduction to perception of geometric shapes. Useful when intensive form perception practice is indicated. Board comes with Four basic laminated Geometric shapes in attractive colours.

h) Cylindrical Peg Board: 01unit.

Wooden Base with pegs in various cylindrical shape /sizes, manipulative aid for assessing & distinguishing colors & shapes.

i) Pegs & Shapes(4 Pegs & 4 Shapes):

Manipulative for eye hand co-ordination and basic sorting skill. Laminated board of 35cm x 15cm size, is fitted with 4 posts on which to fit 4 sets of laminated and smoothly painted geometrical shapes of 20mm thickness. Comes with 4 each of Circle, Square, Rectangular and Triangle shapes.

j) Square Peg Board(20 Pegs):

Square pegs are easier for the patient to handle but are slightly more difficult to place in holes. The laminated board has 25 holes of 30mm square size & twenty, 150mm high square pegs to fit in. Wooden pegs are painted in four different colours.

k) Round Peg Board (20 Pegs):

A primary laminated peg board with 25 holes of 25mm.dia and twenty, 150mm high round wooden pegs, painted in four different colours, to fit in. Can be used by severely handicapped patients

l) Ring Counting Board (15 Pegs):

includes a wooden board with 15 ring shaped pegs in different colour to be inserted in four or five sticks.

33. ROLLATOR/PAEDIATRICWALKER(ADJUSTABLE): 01 unit.

Two height adjustable grips are provided to hold and move forward with slight pressure. Oven baked finish.

34. FLOOR SITTER (CORNER CHAIR): 01unit.

Wooden corner chair, with broad base that helps to prevent tipping, has a padded seat, sides & back support. An abductor block, hip positioning belt & removable tray are the integral part of the floor sitter. Unit finished in natural wood polished.

35. ASSESSMENT TOOLS:

- a. GONIOMETER – full circle, half circle, finger goniometer (made up of stainless steel) 02 unit each.
- b. PERCUSSION HAMMER 02unit
- c. INCH / MEASURING TAPE 02 unit
- d. WEIGHING MACHINE (DIGITAL) 01 unit
- e. BLOOD PRESSURE MEASUREMENT MACHINE (DIGITAL) 02 unit.

36. Shoulder wheel compact model / axial shoulder wheel: 01 unit.

For shoulder & supination pronation exercises. Used in the same way as a conventional shoulder wheel & wrist machine. A wall mounting unit suitable for small clinics is adjustable in height & radius and fitted with calibrated sensitive resistance mechanism, resistance is controllable from zero to maximum by tightening the strap. A 360 deg. scale is provided on the drum to measure and record the degree of

revolution from either direction. Adjustment bars are chrome plated. Comes with wall fixing plates.

37. STAND IN FRAME (tiny tot) for age 3 to 8 years : 01 unit.

The durable, functional vertical stander with four point of support provide the therapeutic benefits of standing and places children at peer level. height adjustable chest, pelvic, knee support. adjustable foot restraint. detachable rimmed tray for activities. chrome plated uprights on nonslip matted foot board.

38. Inclined balance beam: 01 UNIT.

Hardwood constructed balance beam is 185cm long & walking surface is covered with non-slip mat. The unit has a gradual increase in incline from 7cm to 15cm and gradual taper from 8cm to 15cm.

39. Exercise Tubing With Handles 18” : 01 each.

Different resistance (color coded): Yellow, red, green, blue, black, silver.

40. Balance system SD: 01 unit.

Offer 12 levels of platform control as well as static force setting. Balance training includes proprioception, stabilization, ROM and weight shift exercises. Printed colour reports to track progress. 6 training modes and 5 testing protocols. Audio and visual feedback. 12.1” touch screen display. expanded connectivity to connect target monitors and projectors. Adjustable support handles for safety. Locking surface for safe “on and off” patient movement. Transport wheels allow easy mobility. Ethernet connection. USB compatibility. Video and audio out for connectivity options to other devices. Patient Data Collection software.

41.Fluidotherapy: 01 unit.

Extremities are inserted into environment akin to a dry whirlpool, where they are warmly massaged by granulated cellulose called celstim, which emulates the very pleasant rolling and relaxing effects of water. Within the chamber, heated air swirls the celstim around the arm/leg, which retain mobility. Extremities experience a stimulating effect that improves circulation. For bilateral upper extremity use. provided with a brush to remove the celstim particles after use. Unit should be mobile with the help of castors with locking system or brakes.

Specifications –

Modes of Operation Continuous (Default) Variable Adjustments for Time,Temp and Air Speed

Pulse Mode.....OFF to 6 Sec ON/OFF
TREATMENT TIME.....1 to 99 minutes

OPERATING TEMPERATURE...110 °F (43.3 °C) to 125 °F (51.6 °C)
AIR SPEED.....0% to 100% (5% increments)

PREHEAT TIMER.....115 °F (46.1 °C) with 50% Air Flow

MEDIUM CAPACITY.....Approximately 40 lbs (18.1 kg)

Input Power105-120Vac,50/60 Hz,13A or

Input Power210-250Vac,50/60 Hz,8A

Physical Dimensions Cabinet Length-34.0”(86.4 cm) Cabinet Width-18.5”(47.0 cm) Height-33.0”(83.8 cm) Weigh-60 lbs (27.2kg)

42.Bobath table: 01 unit.

Very large surface (100or 120X200cm). Wheel raising mechanism for easy movement of the couch. Electric or hydraulic height adjustable. The 2 section model can be used as a neurological exercise or treatment couch.

43. NESTED FOOT STOOLS: 01 unit.

Set of four nested footstools to encourage patient lifting of the feet. Constructed of teak-wood legs and wooden top with Non-slip matting. Natural wood polish finish.

44. Functional Electrical Stimulation (FES): 01 UNIT.

Four independently operating stimulation channels, allows to perform bilateral activities simultaneously.

Various stimulating forms: conventional, burst, frequency modulation/pulse mixed frequency, alternating frequency modulation intermittent, PEMS

With a dedicated cart.

45. PEANUT BALL:

SIZE: 45-50cm

46.GEL BALL: 01 set.

Gel balls colour coded to provide variable resistance training for hands, fingers and forearms. The balls are pleasant to touch and return back to their original shape after each squeeze. Perfect for use in the clinic or at home. Withstands unlimited squeezing .Provides therapeutic relief

47.UNIVERSAL WALKER:rigid with adjustable height

48.CEREBRAL PALSY CHAIR:

49.ARM EXERCISER(PULLEY APPRATUS):01 UNIT.

ALL chrome plated, tubular steel construction, mounted on wooden platform & fitted with painted wall bracket at the top for wall mounting. Comes with adjustable swivel pulley block, a set of ten blocking weights & two handles with nylon rope, suitable for all shoulder, elbow & chest exercises.

50. DYNAMIC STAIR CLIMBER: 01 UNIT

Adjustable stair height with push button hand control. Parallel bars for comprehensive gait training. Hand rail height and width are easy to adjust. Large digital display for patient motivation. Anti-slip surface for added safety. Wheelchair accessible.

51. WOODEN THREADING & LACING BOARD

Fantastic basic item that encourages all the right things, from developing fine motor skills, counting and left to right sequencing, to learning colours and improving concentration. This is a versatile and good value item to have for early learning. Coloured laces: red, green, yellow, blue, brown, orange.

Includes laces.120 holes for threading. Size approx.18 x 15 cm

52. HAND EVALUATION KIT

Hydraulic Hand Evaluation Kit with 7 pieces. It is designed for both routine screening work and for evaluating trauma or diseased hands. High quality cast aluminum dynamometer has an adjustable handle that can be placed in FIVE grip position, the range allows a comfortable fit for almost any hand. A sealed hydraulic system registers force from 0kgs to 90 kgs.

Set also consist one therapeutic Pinch Gauge that measures finger tip pinch force. Excellent for training and evaluating the pinch ability of the upper extremity prosthesis user. Indicator Pin remains at highest level of strength.

Kit includes ONE each of:

- 1, Hydraulic Hand Dynamometer.
- 2, Hydraulic Pinch Gauge.
- 3, Two point discriminator
- 4, Digitometer
- 5, Finger circumference
- 6, Pinwheel
- 7, Stainless steel finger goniometer

STANDARDIZED ASSESSMENT TOOLS REQUIRED IN OCCUPATIONAL THERAPY DEPARTMENT

1. LOWENSTEIN OCCUPATIONAL THERAPY COGNITIVE ASSESSMENT (LOTCA)

Time required to administer: About 20-30 minutes

Purpose of Test: Evaluates the client's basic cognitive abilities.

Population: Designed for individuals with brain injury including those with TBI, CVA, and brain tumors.

It has 6 subtest

- A) Orientation
- B) Visual perception
- C) Spatial perception
- D) Motor praxis
- E) Visio motor organization
- F) Thinking operation

SCORING – Points are awarded for completion of different tasks in each subtest. Higher points indicate higher performance.

Inter rater reliability – 0.82 – 0.97

2. PDMS 2: PEABODY DEVELOPMENTAL MOTOR SCALE

3. SENSORY PROFILE

4. *SEMMES-WEINSTEIN MONOFILAMENT (sensory evaluation of hand)*

5. *Test of visual perceptual skills-2.*

6. *Minnesota manual dexterity test.*

7. PURDUE PEGBOARD