

**Bid Document**  
**Open Competitive Bid (OCB)**  
**For**  
**Procurement of Black Leather Shoes**  
**For**

**Students at Campuses of Constituent Institutes of  
Rajiv Gandhi University of Knowledge Technologies**

**Proprietary & Confidential**

**RAJIV GANDHI UNIVERSITY OF KNOWLEDGE  
TECHNOLOGIES**

**Ground floor, Vindhya C4 building,**

**IIT-H, Gachibowli,**

**HYDERABAD- 500 032**

**Phone: 040-23001830**

## **Proprietary & Confidential**

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## Contents

Description	Page No.
Newspaper advertisement	4
Time Schedule	5
Tender Form	6
Statement of important limits and values of bid	7-8
Eligibility Criteria	9
Requirement	10
Specifications	11-17
Note	18

News paper advertisement

**Tender Notice**



**RAJIV GANDHI UNIVERSITY OF KNOWLEDGE  
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**HYDERABAD- 500 032**

**Phone: 040-23001830**

Sealed Tenders are hereby invited from reputed Manufacturers or suppliers for supply **Black Leather Shoes (3100 pairs) for 3000 students (Boys & Girls)**

**Last date of submission of tender along with EMD/BG as specified in the bid document is on 16-07-2011 before 4.00 pm.**

**Interested parties can collect the Tender document from the office of the RGUKT from 02-07-2011 to 15-07-2011 against payment of Rs. 5,000/- towards the cost of Tender document fee(non-refundable) through D.D. payable to REGISTRAR, RGUKT at Hyderabad. Further details visit our website [www.rgukt.in](http://www.rgukt.in)**

**Date: 02-07-2011**

**Sd/-  
Registrar,  
RGUKT**

Time schedule of tender related events

(Black Leather Shoes)

Bid calling date	02-07-2011
Last date for sale of tender document	15 -07-2011 at 05:00 PM
Bid closing date/time	16-07-2011 at 04.00PM
Technical Bid opening date/time	16-07-2011 at 04.30PM
Price Bid opening date/time	22-07-2011 at 04.30PM
Bid Document fee	Rs.5,000/-
Contact person	Registrar, RGUKT
Reference No.	RGUKT/Tender/BLS/P1/012/2011

Registrar  
RGUKT

**TENDER FORM**  
**Not transferable**

Reference: No. RGUKT/Tender/ BLS/P1/0 12/2011

Dated: 02-07-2011

**Subject:** Tender for providing Black Leather Shoes for RGUIIT students, 3000 no's in all the three centers at Basara (Adilabad Dist), Nuzvid (Krishna Dist) and RK Valley (YSR Dist)

Last date for submission of the TENDER AT HYDERABAD is on 16-07-2011 up to **4:00 pm**. Opening of Tender (Technical Bid only) at **04:30 pm** on the same day.

Dear Sir/Madam,

- A. RGUKT invites sealed tenders comprising technical bid and price bid separately from reputed Shoes Manufacturers or suppliers to provide Black Leather Shoes to the students of RGUKT located at Basara (Adilabad Dist), Nuzvid (Krishna Dist) and R K Valley (YSR Dist).
- B. The Tender form consists of 33 pages of which pages 9 to 25 are Instructions and Page No.26 is Financial Bid. The duly completed Technical Bid together with a copy of the instructions signed in all pages and the Price Bid should be kept in separate sealed covers and these sealed covers may be submitted in a sealed master envelope superscripted with "Tender for providing Black Leather Shoes" to the students of IITs under the RGUKT. The last date for submission of Tender is 16-07-2011 before 4:00 p.m.
- C. The Sealed Tenders shall be deposited in the Tender box kept in the office of the Registrar, RGUKT up to 4:00 PM on 16-07-2011.

RGUKT reserves the right to award the contract to one or more than one tenderer.

For any clarification and further details on the above tender please contact Telephone No: 23001830 or Contact Person during office hours.

Thanking you

Yours faithfully,

Registrar, RGUKT

**STATEMENT OF IMPORTANT LIMITS/VALUES RELATED TO BID**

<b>Item</b>	<b>Description</b>
Submission of Samples	Three samples to be submitted at the time of opening of technical bids.
EMD/ Bank Guarantee (BG)	Rs. 50,000 /-
Bid Validity Period	60 days from the date of opening of commercial bid
EMD Validity Period	60 days from the date of opening of commercial bid
Warranty Period	6 months
Variation in quantities	+/- 40%
Period for furnishing performance Security	Within 10 days from date of receipt of award
Delivery Schedule	Bidder shall deliver the goods in one single lot within 30 days from the date of award of the contract. Further, the successful bidder will be required to bring sufficient number of shoes of each size for each location (RGUKT Campuses). Based on the actual fit for the students, delivery will be made as per the scales shown in the requirement section. The balance shoes can be taken back by the bidder.
Performance security value	3% of contract value
Performance security validity period	6 months from award of contract
Period for signing the order Acceptance	Within 7 days from date of receipt of notification of award
<b>Payment terms</b>	
On delivery at user site	95% of contract value, within 15 days of acceptance of material. Balance 5% within 2 months (Note: Acceptance of material will be only after receipt of shoes and after receipt of reports of technical tests on random samples confirming adherence to tender specifications.
Maximum Liquidated Damages for late deliveries	3% for each week of delayed supply, maximum of 9%. If delay continues beyond two weeks, contract is liable for cancellation

## ELIGIBILITY CRITERIA

1. This bid is open to all firms within India who are eligible to do business under relevant Indian laws as in force at the time of bidding, subject to meeting the pre-qualification criterion.
2. The bidder should have adequate experience in supply of such materials as required in the tender. Bidder should furnish proof of having supplied such materials as required in the tender in the previous financial year ending 31<sup>st</sup> March 2011 to the amount of at least Rs.50 lakhs.
3. He should furnish satisfactory performance certificate from the parties concerned to whom bulk supplies were affected, in case such supplies were made. RGUKT may contact any such parties to elicit details.
4. Bidder should be registered under VAT Act/CST Act with relevant State Sales Tax Authorities. He should furnish along with the bid document, the relevant VAT/CST Registration Document and PAN / TAN Card copies.

All bidders shall include the following information and documents with their tenders.

- 4.1. Copies of original documents defining the constitution or legal status, place of registration, and principal place of business; written power of attorney of the signatory of the Bid to commit the Bidder
- 4.2. Machinery/equipment owned by the bidder and number of employees.
- 4.3. Latest Income Tax Saral Form / Returns filed
- 4.4. List of Present Clientele with contact address & telephone numbers

The bidders must submit all relevant documentary evidence to demonstrate their eligibility for considering their bid. **The tenders received without the above documents will be rejected.**



**REQUIRMENT:** The requirement as shown below is purely indicative. The actual number of Boys and Girl students will be communicated to the successful vendor upon the formalization of the admissions.

Sl.No	Particulars	Quantity	
		Per Head	Total
	<b>Students - Boys- 1800 ( To be admitted)</b>		
	Black Leather Shoes	1 pair	1800
	<b>Students - Girls-1200 ( To be admitted)</b>		
	Black Leather Shoes	1 pair	1200
	Extra		100
	Total Pairs		3100

1. Suggested sizes are -
  1. Shoes(Gents)                      6 - 9
  2. Shoes (Girls)                      5 - 7

The successful vendor will be required to bring sufficient number of shoes of each size for each location (RGUKT Campuses). Based on the actual fit for the students, delivery will be made as per the scales shown in the requirement section. The balance shoes can be taken back by the vendor.

# Specifications

## Black Leather Shoe (Oxford Design)

### 1. SCOPE

- 1.1 This specification covers the requirements of Shoes Oxford **Direct Injected** P.U. Sole in sizes 5 to 11 (English system) or in sizes 39 to 48 (European system)
- 1.2 The Shoes described in this specification are made from Chrome tanned corrected grain leather upper, lined with combination tanned lining leather or cambrelle to absorb perspiration. The shoes are manufactured with cleated **P.U. Soles with anti slip design by Direct Injection Process:-**

### 2. RELATED SPECIFICATION

2.1 Reference is made in this specification to:-

- |                          |   |   |
|--------------------------|---|---|
| i) IS: 3840-1979         | - | <b>Lining leather.</b>  |
| ii) IS: 5041-1978        | - | Footwear and stationary eyelet.                                       |
| iii) IS: 5677-1986       | - | Shoes upper leather for direct moulding process.                      |
| iv) IS: 8086 (Pt I) 1986 | - | Footwear method of test Pt I dimensions, fitting, adhesion, test etc. |
| v) IND/TC/0304           | - | <b>Laces nylon</b> black for shoes & Shoes                            |

### MATERIALS

3.1 The shoes shall be manufactured from the following materials.

- |  |   |
|--|---|
| i) Leather chrome tanned for upper black   | The requirements are corrected grain for <b>direct molding process</b> given in Appendix-A1 |
| ii) Leather Lining combination tanned      | IS: 3840-1979 (type-I)  |
| iii) Thread nylon                          | Nylon thread 3 ply having min. breaking strength of 3.5 Kg.                                 |
| iv) Eyelets aluminum,                      | IS: 5041-1978 IND / SS / 1365   |
| v) Laces nylon 60cm long for shoes         | IND / TC / 0304   |
| vi) Polyurethane sole (required chemicals) | The requirements are given in appendix 'A2' of this specification                           |

### 3. MANUFACTURE

3.1 The shoes shall be manufactured as described below:-

- 3.1.1 The shoes shall be made by **direct injection process (DIP construction)** using last model to the dimensions of last model no. 9150 or 10883, given in appendix 'B' to this specification, or equivalent.

### 3.1.2 Design

3.1.2.1 The shoes shall be Oxford type and conform to the design and shape as illustrated in the sketch attached to this specification. A full tongue shall be completely lined.

#### 3.1.2.1.1 Shape of Components

3.1.2.1.1.1 The patterns of the quarters, outside counter, vamp lining, toe cap and toe puff shall be so designed that these do not form excessive pleats at 'Toe' and 'Counter' regions during lasting.

### 3.1.3 Cutting of components

3.1.3.1 The various upper and bottom components of leather shall be cut from the material and to the thickness as prescribed in Appendix 'C'. All components shall be free from serious grain damage, flay cuts and other defects. Care shall be taken that all parts, forming the upper are cut so that the lines of tightness of the leather is in the direction from heel to toe.

### 3.1.4 UPPER CLOSINGS

3.1.4.1 The upper shall be attached / closed on lock stitch machine using nylon thread for counters, back and tongue joint with vamp and for remaining position, equivalent spun polyester thread can also be used for stitching in place of nylon thread. The number of stitches shall be 20 to 32 per decimeter, care shall be taken to maintain the space and uniform tension of the stitching at all places.

3.1.4.2 The back seems of the quarters shall be taped with tape cotton. The joined top of the quarters shall be carefully strengthened by means of 25mm wide leather strip from outside.

3.1.4.3 Two rows of stitching, 3mm apart, shall be used at the toe cap and counter, and two rows 6mm apart, at the sides. The distances between the two rows for stitching at the facing of the quarters shall not exceed 2mm. the first row of stitches being 3mm from the edge of the quarter.

3.1.4.4 The toe puff shall be stitched with second row of toe cap, stitching. All loose ends of the upper stitching shall be secured properly.

3.1.4.5 The full tongue shall be so fitted that no wrinkles / step occur where it is joined to the vamp.

3.1.4.6 **Five eyelets** shall be fitted in each quarter facing. The eyelet **shall be clinched with washer, without distortion**. The top eyelet shall be positioned at a **distance of 25mm from** the top line of the quarter and rest shall be equally spaced.

### 3.1.5 LASTING

3.1.5.1 Pre moulding of toe and counter (thermoplastics) shall be done before lasting. Moulded upper shall be stitched by stroble cloth all around ensuring that there is no wrinkle in the stitching area. Care should be taken to match storable stitching with upper knotches so that upper is straight.

- 3.1.5.2 The upper shall be properly laced up-to the fourth eyelet before lasting so that the quarters remain in proper alignment on the instep.
- 3.1.5.3 In the lasting operation, the upper and the insole shall not be wetted or damped too much to show any water spotting or to make the grain pattern of upper leather disappear.
- 3.1.5.4 The shoe shall remain on the last long enough to ensure proper shape of the upper and adequate hardening of the toe puff and the stiffener.

**4. REQUIREMENT**

- 4.1 The material used in the manufacture of shoes shall be tested to the specifications / requirements given in this specification.
- 4.2 **Mass :- The mass of one pair of finished shoes of size 8 shall not exceed 1000g** with an increase or decrease of **75g** for each bigger or smaller size respectively.
- 4.3 Dimensions of shoe will be as under:

Size No.	Leg Height	Depth of toe cap
5 to 7	113	39
8 to 10	117	40
11to 13	121	42
Tolerance	+2	+1

- 5.4 The thickness of sole in the finished condition shall be as under:

SI.NO.	Description	Thickness (mm)
1	At forepart	12 (min)
2	At waist	08 (min)
3	At heel	22 (Min)
4	Depth of cleat at sole & heel	04 (Min)

- 5.5 The direct injected shoe shall be subjected to adhesion test. The testing shall be made at least 24 hours, after allowing the shoe to cool down at room temperature. For accurate results it is recommended to test the sample after 28 hours.

- **Upper/outsole bond strength** - The bond strength shall not be **less than 4 N** unless there is tearing of the material.
- **The bond strength** between the outer or cleated layer and the adjacent layer shall be not less than 4N/mm unless there is a tearing of the sole, in which case the bond strength shall be not **less than 3.0 N/mm**.
- The waist position of the finished shoe shall be legibly stamped with the manufactures name or his recognized trade-mark, Cat No., size fitting and month/year of manufacture. The size and fitting of the shoe shall also be legibly and indelibly marked on the waist of outer sole and the top surface of the tongue.

**5. Hydrolysis Test -**

The shoes shall be placed in High Humidity (100%) at a temperature of 72° c for 5 days and then tested for whole shoe **flexing for 100,000 cycles**. No crack or damage to the footwear is acceptable.

**6. Electrical Insulation**

When measured in accordance with the method described in En 344 after conditioning in a dry and wet atmosphere, the electrical resistance shall be not less than 100 k~ and not greater than 1000M~

**7. Heat insulation of sole complex**

When footwear is tested in accordance with the method described in En 344 the temperature increase on the upper surface of the insole shall be not greater than 22° C.

**8. Cold insulation of sole complex.**

When footwear is tested in accordance with the method described in EN 344, the temperature decrease on the upper surface of the insole shall be not more than 10°c.

**9. The sampling plan and criteria of conformity of lot shall be as per appendix 'D' attached to this specification.**

**10. Each shoe shall be legibly stamped with indelible ink/ paint on the waist near manufacture's marking using stamp.**

**11. The following materials shall be used for packaging of shoes ankle leather Direct Injected Sole.**

<b>SI.NO</b>	<b>Material</b>	<b>Specification (Conforming to)</b>
i	Solid fiber board boxes	IS: 2771 (Pt II)-1975
ii	Twine jute three ply or	IS:1912-1988
iii	Polypropylene twin	IS: 12734-1989
iv	Polypropylene Strapping 19mm X 0.55mm (for solid fiber board boxes)	CIGS: US/282
v	Polyethylene bag of suitable size made of low density film 0.08 mm thick	IS: 2508-1984
vi	Tape paper gummed 50mm wide	IS: 4185-1989
vii	Paper wrapping waterproof plain (using craft paper having substance 60 g/m <sup>2</sup> )	IS: 1398 type 1-1982
viii	Nylon sewing thread black	IS: 4229-1978 first

14.1 The shoes shall be delivered in new, dry and clean condition.

14.2 UNIT PACK

14.3 Each pair of shoes shall be placed heel and toe alternatively i.e. upright position wrapped with tissue paper. A label with following markings shall be placed outside the box which shall be clearly readable.

- i) Nomenclature and D.S cat part no.
- ii) Manufacture's name or trade mark.

- iii) Month and year of manufacture.
- iv) Size/fitting

14.4 Before dispatch, each package shall be legibly marked by stencil using indelible ink/paint showing the following details.

- i) Cat No. and nomenclature of the store.
- ii) Quantity packed in the package.
- iii) Lot and serial No. of the package.
- iv) Month and year of manufacturer.
- v) Gross mass of the package in kg.
- vi) Name and address of the consignee.
- vii) Name and recognized trade mark of the supplier.

#### APPENDIX A1

#### UPPER LEATHER

The requirement of upper leather is given below:

<b>Property</b>	<b>Test Method</b>	<b>Minimum Requirement</b>
Tear Strength	ISO 377-1975	Min. force 120N
pH Value	EN 344/ISO 405-1977	Min. 3.5, If below 4, the difference figures shall be 0.7
Water vapour Permeability & Coefficient	EN 344	Water vapour permeability shall not be less than 0.8 mg per cm square per hour and the water vapour coefficient shall not be less than 20 mg per cm <sup>2</sup>
Water penetration & absorption	EN 344	The absorption shall not be higher than 30% after 60 minutes from the start and water penetration shall not occur during this period, not exceed 2 kg. after a further 30 minutes.

**APPENDIX A2**

POLYURETHANE SOLE

<b>System</b>	<b>Polyether based</b>	<b>Polyester based.</b>
Chemicals processing temperature (°C)	20 to 25	30 to 35
Mould temperature (°C)	40 to 50	40 to 50
Mould occupation time (minutes)	4	3 to 4
Moulded density (kg/ m <sup>3</sup> )	500 to 600	400 to 600
Tensile strength (DIN) 53504, M pa)	5.5 to 6.5	8 to 10
Elongation at break (DIN 53504, n/m)	380 to 410	450 to 550
Trouser tear strength (DIN 53507, n/m)	12 to 14	15 to 18
Ross flex test (cut growth in mm/1,000 cycles  At - 5°C  At - 18°	0.001  --	--  Nil
Flexing life test (DIN 53507)	30,000 flexes, maximum widening of puncture, 6mm	
Abrasion test, (DIN 53516)	Maximum loss 300 mg	
Values of properties after hydrolysis (higher temperature/humidity test - DIN 53508, 168 hours at 70°C and 100% R.H.)	The values for tensile strength & elongation at break must not drop below the 85% of values specified above	

**APPENDIX A3**

THICKNESS OF COMPONENT

SLNO:	Components	Material	Thickness (mm)	
			Min	Max
1	Quarter	Chrome tanned upper leather.	1.5	2.0
2	Vamp		1.2	1.5
3	Toe Cap		1.2	1.5
4	Outside counter		1.2	1.8
5	Full tongue		1.0	1.2
6	Back strengthening piece		1.0	1.2
7	Full insock	P.U. Moulded with high arch support covered by split leather	0.8	1.0
8	Lining	Lining leather or nylon Cambrelle	0.8	1.0
9	Insole	Cellulose board high quality	1.5	2.0
10	Counter stiffener	Thermoplastic material.	1.5	2.0
11	Toe Puff		1.5	2.0
12	Heel grip	Sude leather	1.0	1.2

**OR**

**Cemented construction with P.U. Sole (will also be considered)**



## Annexure-II

### **Leather Black Shoes for Girls**

Same as for shoes of boys in all aspects but for one and half inch wedge shaped sole for girl shoes

## **NOTE**

A complete set of bidding documents may be purchased by interested bidders from the RGUKT contact person upon payment of the bid document price which is non-refundable. Payment of bid document price should be by demand draft / cashier's cheque or certified cheque drawn in favor of "Registrar , Rajiv Gandhi University of Knowledge Technologies " and payable at Hyderabad (India).