



**Jharkhand Silk Textile & Handicraft  
Development Corporation Ltd.**  
(CIN: U17122JH2006SGC012606)

**Tender for purchase of machines for Printing unit  
Bhagaiva (Godda)**

मेगा हैण्डलूम कलस्टर, गोड्डा योजना अन्तर्गत भगैया गोड्डा में वस्त्र परिधान हेतु Printing unit Centre स्थापित करने के क्रम में आवश्यक मशीनों/उपकरणों की आपूर्ति/अधिष्ठापन करने के लिए निर्माता/आपूर्तिकर्ता/प्रतिष्ठानों से विहित प्रपत्र में मुहरबंद निविदा आमंत्रित की जाती है।

1. निविदा जमा करने की अंतिम तिथि- 19.01.2022 (3.00 pm)
2. निविदा खोलने की तिथि- 20.01.2022
3. निविदा खोलने का स्थल-झारक्राफ्ट मुख्यालय, राँची।

मशीनों/उपकरणों की सूची एवं नियम तथा शर्तें झारक्राफ्ट के वेबसाईट [www.jharcraft.in](http://www.jharcraft.in) पर देखा जा सकता है।

ह०/-  
प्रबंध निदेशक  
झारक्राफ्ट

**Contact Details**  
Managing Director, JHARCRAFT,  
Udyog Bhawan, Ratu Road, **Ranchi- 834 001** (JHARKHAND)  
Tel: 0651 2280042/2282924; Fax: 0651 2282059

झारखण्ड सिल्क, टेक्सटाइल एण्ड हैण्डिक्राफ्ट डेवलपमेंट कॉरपोरेशन लिमिटेड  
(झारक्राफ्ट)

प्रथम तल्ला उद्योग भवन, रातू रोड, राँची

CIN: U17122JH2006SGC012606

पत्रांक.....754.....

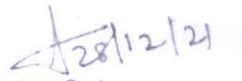
राँची दिनांक.....28-12-2021.....

### निविदा आमंत्रण

मेगा हैण्डलूम कलस्टर, गोड्डा योजना अन्तर्गत भगैया गोड्डा में Printing Unit के प्रयोजनार्थ मशीनों/उपकरणों के क्रय हेतु मूल्य निर्धारण के लिए निर्माता/आपूर्तिकर्ता/ प्रतिष्ठानों से दिनांक-19.01.2022 के अपराहन में 3:00 बजे तक रातू रोड राँची स्थित झारक्राफ्ट मुख्यालय में मुहरबन्द निविदा/कोटेशन आमंत्रित किया जाता है।

निविदा खोलने की तिथि 20.01.2022

सामानों की सूची एवं नियम तथा शर्तें झारक्राफ्ट के वेबसाईट [www.jharcraft.in](http://www.jharcraft.in) पर देखा जा सकता है।

  
प्रबंध निदेशक  
झारक्राफ्ट

Sample

## SITE INSPECTION REPORT

1. Have you Visited the Site Physically : Yes \_\_\_\_\_ / No \_\_\_\_\_
2. Have you Seen The Available Infrastructure of Site : Yes \_\_\_\_\_ / No \_\_\_\_\_
3. Have you Inspect the Full Area where all Machines will be Installed : Yes \_\_\_\_\_ / No \_\_\_\_\_
4. Have you Seen the Area Where Boiler and ETP Will be Installed : Yes \_\_\_\_\_ / No \_\_\_\_\_
5. Have you Checked the Electrical Infrastructure availability of the Site : Yes \_\_\_\_\_ / No \_\_\_\_\_
6. Have you attached detailed Site Layout Drawing for Machines to be Installed : Yes \_\_\_\_\_ / No \_\_\_\_\_
7. Are you ready to Provide 15 Days On Site Training for each Machine to be Installed here at Site : Yes \_\_\_\_\_ / No \_\_\_\_\_

- All the Machines need to be installed at site by Supplier and Training need to be given for 15 Days for each Machine. Supplier must enclose detailed Site Layout Drawing for Installation of Machines and Infrastructure requirement of Site that will be Arranged by Jharcraft, prior to Delivery & Installation of Machines at Site.

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(Signed by Person Visited Site )

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(Signed by Site In charge )

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## नियम एवं भार्ते:-

1. निविदा के साथ अग्रधन (EMD) की राशि 1.00 लाख रूपये एवं Tender Fee- 5000/- रूपये (पाँच हजार रूपये) का बैंक ड्राफ्ट "झारखण्ड सिल्क टेक्सटाइल एण्ड हैण्डीक्राफ्ट डेवलपमेन्ट कॉरपोरेशन लिमिटेड" के नाम से समर्पित करना होगा जिसमें Tender Fee की राशि वापस नहीं की जाएगी।
2. निविदा दो भागों में रहेगा—तकनीकी निविदा एवं वित्तीय निविदा। तकनीकी निविदा में अग्रधन की राशि एवं Tender Fee का बैंक ड्राफ्ट, 3 वर्षों का अद्यतन आयकर पैन नम्बर, बैंक खाता नम्बर, GST पंजीकरण नम्बर की छायाप्रति रहेगा।
3. किसी भी सरकारी कार्यालय/संस्था Black listed नहीं होने का शपथ पत्र, विहित प्रपत्र में स्थल निरीक्षण प्रतिवेदन, मशीनों का विस्तृत Layout of the machines तकनीकी जरूरत के अनुसार, मशीनों के installation के लिए जरूरी चीजों की तालिका साईट के अनुसार रहेगा।
4. तकनीकी निविदा वाले लिफाफा को मुहरबन्द कर देना होगा और उसके उपर "तकनीकी निविदा" अंकित करना होगा। तकनीकी निविदा में सफल निविदादाताओं का ही वित्तीय निविदा खोला जायेगा।
5. वित्तीय निविदा में मशीनों/उपकरणों के निर्माता (Make) के साथ टैक्स सहित दर एवं टैक्स का प्रतिशत विहित प्रपत्र में अंकित करना होगा।  
वित्तीय निविदा वाले लिफाफा को भी मुहरबन्द किया जायेगा और उस पर "वित्तीय निविदा" अंकित करना होगा। दोनों लिफाफा एक बड़े लिफाफा में मुहरबंद समर्पित किया जाएगा।
6. सभी मशीनों/उपकरणों का समेकित न्यूनतम दर वाले निविदादाता को ही आपूर्ति आदेश दिया जाएगा।
7. निविदा को प्रबंध निदेशक, झारखण्ड सिल्क टेक्सटाइल एण्ड हैण्डीक्राफ्ट डेवलपमेन्ट कॉरपोरेशन लिमिटेड (झारकाफ्ट) प्रथम तल, उद्योग भवन, रातू रोड, राँची-834001 के कार्यालय में निबंधित डाक या सीधे समर्पित किया जाना है।
8. सशर्त/अपूर्ण/त्रुटिपूर्ण निविदा स्वीकार नहीं की जाएगी।
9. मशीनों/उपकरणों की आपूर्ति अधिष्ठापित एवं क्रियाशील भगैया गोड्डा में निर्मित Printing Unit भवन में यथा स्थान आपूर्तिकर्ता को अपने व्यय पर करना होगा।
10. आपूर्ति मशीनों/उपकरणों की गुणवत्ता संतोषप्रद पाये जाने पर भुगतान की कार्रवाई की जाएगी। आपूर्तिकर्ता द्वारा मशीनों के अधिष्ठापन के उपरांत चालू करके डेमो दिया जाएगा।
11. आपूर्तिकर्ता को मशीनों/उपकरणों के आपूर्ति के उपरांत कम से कम एक वर्ष (1 वर्ष) तक निःशुल्क After Sale Service उपलब्ध कराना होगा एवं उसका Warranty Certificate मशीनों के साथ देना होगा।
12. उल्लेखित मशीनों/उपकरणों की संख्या आवयकतानुसार बढ़ाई/घटाई जा सकती है।
13. अधोहस्ताक्षरी के पास निविदा को आंशिक/पूर्णरूपेण संशोधन करने/स्वीकृत करने या अस्वीकृत करने का अधिकार सुरक्षित रहेगा।

28/12/21  
प्रबंध निदेशक  
झारकाफ्ट

**PRINTING UNIT (TECHNICAL DETAILS) AT –BHAGAIYA(GODDA)**

SL.NO	ITEM	SPECIFICATION	Make	QTY.	RATE	TAX/GST/etc.	Total Amount (in Rs.)
1.	PRINTING TABLE	TEXTILE FABRIC PRINTING TABLE WITH AC TOP SUITABLE TO FIX CLOTH FOR PRINTING AND CLAMP TO FIX SCREEN AS PER SCREEN.ALSO MUST HAVE THE OPTION TO FIX STEAM LINE ,WHEN NEEDED. SIZE : 20 FT/5 FT/ 3 FT		2			
2.	RUBBER SQUEEZER	RUBBER SQUEEZER, 30CM, THICKNESS : 9MM ,WIDTH :50 MM,IN DIFFERENT SHAPE LIKE PLAIN ,ONE SIDE CUT, V/U TYPE,POINT CUT ETC., SHORE HARDNESS : 60/65		15			
3.	COTTAGE STEAMER ( STEAM PRESSURE AGER)	STEAMING CHAMBER FOR FIXATION OF ALL TYPE OF REACTIVE DYES AFTER PRINTING .FABRIC WIDTH UPTO 72 INCH . HEATED DOUBLE INSULATED WALL, TOP AND BOTTOM STEAMING SYSTEM , STEAM HEATING AND TEMPERATURE DISPLAY THROUGH CONTROL PANEL, TEM. 102 DEG. CEL. FOR REACTIVE AND ACID DYE. ,STEAM SUPPLY THROUGH BOILER. 30 Kg Capacity		1			
4.	OPEN WIDTH JIGGER	SEMI AUTOMATIC JIGGER MACHINE, ROLL WIDTH : 66 INCH , ROLL CENTRE : 21 INCH , CAPACITY : 150KG( 100 GSM), BATCH DIA: 800MM, STRUCTURE OF MACHINE IN C.I AND SS TANK  FOR WASHING OF PRINTED FABRIC, MAIN TANK MADE OF SS 316 ,WITH SUPPORTING FRAME HAING A OVEL SHAPE WINCH DRIVEN THROUGH DIRECT SHAFT MOUNTING GEAR MOTOR,FOUR SET OF TIA BAR TO RUN THE MACHINE IN ROPE FORM ,ELECTRIC HEATING ELEMENT TO TAKE THE TEMPERATURE UPTO 75 DEG. WITH TEMP. CONTROLLER, CHEMICAL DOZING TANK WITH VALVE.CAPACITY : 100 KG		1			

5.	<p>CYLINDER DRYING MACHINE ( FLOAT DRIER FOR PRINTING )</p> <p>TABLE TOP DRIER &amp; HAND DRIER</p>	<p>Float dryer to dry printed fabric by hot air.Printed fabric will just floating between hot air cushions from top and bottom sides blown by high-velocity fans. Should be fully equipped with panels to dry printed fabric. All panels to be filled with glass wool that is keeping and avoiding the loss of heat without using any Conveyor. Cylinders should be of 22" dia face, width : 66 inch , Should be fabricated from 16 to 10 SWG of 304 or 316 quality stainless steel Argon arc welded consisting M.S. Dished end, Suitable for 40 to 100 P.S.I. Working Pressure. Must be provided with Suitable steam inlet out let connection provided.</p> <p>Table Top Drier for Drying of Printing Inks after Printing on Table, Roller Type for free Movement on Table as per requirement , Width of the Drier :60 Inch , Length : 30 Inch</p> <p>Hand Drier ( Portable ) for Drying of Printing Inks after Printing</p>		1			
6.	HEAVY BOILER	<p>FULLY AUTOMATIC STEAM BOILER (IBR / NON IBR ) , FUEL : DIESEL / GAS, BUILT WITH SEAMLESS SHELL AND SEAMLESS TUBE ,LOW FUEL CONSUMPTION, BOILER CAPACITY : 500 KG</p> <p>WITH PROPER INSULATION FOR MAXIMUM EFFICIENCY ,WATER IN LINE ,DRAIN LINE ,WATER TANK,FUEL TANK, ELECTRIC CONNECTION FROM MCB , ALL TO BE DONE BY SUPPLIER</p>		1			
7.	STEAM PIPELINE AND CONDENSATE LINE	<p>STEAM PIPELINE AND CONDENSATE PIPELINE WITH INSULATION FROM BOILER TO ALL RELATED MACHINES AND ALL PRINTING TABLE , DIA. OF PIPE LINE WILL BE AS PER MACHINE REQ. WITH SUITABLE VALVES .</p>		1			
8.	SCREEN LIGHTING ARRANGEMENT	<p>PROPER LIGHTING ARRANGEMENT TO BE DONE BY SUPPLIER ON 4 PRINTING TABLES FOR PROPER VIEW OF PRINTING.</p>		1			

9.	WASH ROOM TROLLEY	FRP TROLLEY WITH WATER DRAINAGE FACILITY OF LENGTH 4FT/WIDTH 3 FT/HEIGHT : 2 FT, WHEEL : 6 INCH REVOLVING FACILITY FOR EASY MOVEMENT .		6			
10.	WATER TANKS	PVC WATER TANK OF VARIOUS CAPACITY , 10 LTR, 50 LTR, 100 LTR, 500 LTR, 1000 LTR, 2000 LTR		2			
11.	BRASS VESSELS	BRASS VESSELS OF VARIOUS CAPACITY FOR STIRRING AND MAKING PRINTING DYES FOR PRINTING : 100 ML, 250 ML, 500 ML, 1 LTR, 5 LTR, 10 LTR, 20 LTR.		2SET			
12.	DYE PASTE STIRRER	SUITABLE STIRRER FOR CHEMICAL MIXING INSIDE THE DRUM OF ANY CAPACITY FROM 20 LTR. TO 210 LTR. ,AIR MOTOR DRIVEN WITH PRESSURE REGULATOR ,FLOW REGULATING VALVE, WORKS WITH VARIOUS RPM TO AVOID SPILLAGE, HIGH TORQUE MOTOR FOR CORRECT MIXING AND AGITATING .		3			
13.	SPOT REMOVAL GUNS	TEXTILE STAIN CLEANING SPRAY SPOT GUN ,METAL BODY, PLASTIC TANK, ADJUSTABLE STRAIGHT NOZZLE, WITH FREE ADDITIONAL NOZZLE AND WONDER TRIMMER .ELECTRICALLY OPERATED .		4			
14.	WEIGHING MACHINE	ELECTRONIC WEIGHING BALANCE,ELECTRIC AS WELL AS BATTERY OPERATED WITH CALLIBRATION CERTIFICATE . CAPACITY : 300 GM, SENSTIVITY : .001 GM CAPACITY : 5KG, SENSTIVITY : 1GM CAPACITY : 50 KG,SENSTIVITY :100GM		1SET			

### BLOCK PRINTING MACHINE DETAIL

SL.NO	ITEM	SPECIFICATION	Make	QTY.	RATE	TAX/GST/etc.	Total Amount (in Rs.)
					<b>1</b>	<b>2</b>	<b>3</b>
<b>1.</b>	PRINTING TABLE	TEXTILE FABRIC PRINTING TABLE WITH AC TOP SUITABLE TO FIX CLOTH FOR PRINTING AND CLAMP TO FIX SCREEN AS PER SCREEN.ALSO MUST HAVE THE OPTION TO FIX STEAM LINE ,WHEN NEEDED. SIZE : 20 FT/5 FT/ 3 FT		2			
<b>2.</b>	BLOCKS	WOODEN BLOCKS, BEST QUALITY FOR BLOCK PRINTING OF SIZES : 2 INCH/2 INCH 3 INCH/3 INCH 5 INCH/5 INCH 6 INCH/ 6INCH 8 INCH/8 INCH		300			
<b>3.</b>	BLOCKS	METAL ( <b>BRASS</b> ) BLOCKS, BEST QUALITY FOR BLOCK PRINTING OF SIZES : 2 INCH/2 INCH 3 INCH/3 INCH 5 INCH/5 INCH 6 INCH/ 6INCH 8 INCH/8 INCH		300			



## DIGITAL PRINTING (TECHNICAL DETAIL)

SL.NO	ITEM	SPECIFICATION	Make	QTY.	RATE	TAX/GST/etc.	Total Amount (in Rs.)
1.	DIGITAL TEXTILE PRINTING MACHINE – 6 COLOUR HEAD	High speed Direct to Fabric Digital Textile printer to print directly on natural and synthetic fabric. With 6 Color Head , Industrial Grade Jetting Assemblies , Resolution : upto 1440 dpi, Pressure purge and wiping cleaning method, Ink can be Reactive/Disperse/Pigment/Acid , Fabric upto 3 mm thickness can be print , Maximum width of Fabric : 1800 mm , Fabric Drying System : Infrared Heaters, High Speed 2.0 printing interface , Operating Condition : 20-28 deg. Celcius , relative humidity : 60-70% RH		1			
2.	COMPUTER + SOFTWARE	Latest Computer, Next generation Core I 5 ; Suitable to run Digital Printing Machine And Should be uploaded with required Software for Running Digital Printing Machine .		1			

**PRINTING UNIT**

SL.NO	ITEM	SPECIFICATION	Make	QTY.	RATE	TAX/GS T/etc.	Total Amount (in Rs.)
1.	ETP	<p>Suitable effluent treatment plant to treat and discharge effluent of a FABRIC PRINTING unit based on following capacities and characteristics.                      The total effluent generated Would be 20 M3/day The effluent treatment plant is to be designed as it should be suitable to treat up to 20 M3 in maximum 10 Hours                      Treated effluent quality after primary treatment / clarification should be as follows:                      PARAMETERS VALUES                      PH 6.5 to 7.5                      BOD (5 days) max Below 30 ppm                      COD Below 250 ppm                      TSS Below 100 ppm                      Color Clear Transparence  <u>Offer must include the following :</u>                      A) Full Civil Work for installation of ETP.                      B) FULL ETP PLANT INCLUDING ALL ACCESSORIES , MECHANINCAL , CIVIL , ELECTRICAL JOB                      C) Electric Panel Work From Meter to Machine Panel .                      D) Chemical and other Spares for 15 Days Successful running of the Machine.                      E) FULL INSTALLATION AND TRAINING FOR 15 DAYS TO RUN THE MACHINE.</p>		1			
2.	LABORATORY	<p>A) WASHING FASTNESS TESTER (ISO )- TO TEST THE WASHING FASTNESS AFTER WASHING AT DESIGNATED TEMP. WITH GRADING SCALE SET.                       B) RUBBING FASTNESS TESTER : RUBBING FASTNESS TESTER TO CHECK FASTNESS AGAINST RUBBING.                       C)</p>		1			
3.	GENERATOR 50 KVA	50 KVA ,440 VOLT DG SET WITH BASE CIVIL WORK STATION , CHHAJA FOR DG FOR SAFETY WITH ALL ELECTRIC CONNECTION.		1			
4.	COMPUTER	INTEL CORE I5 (SIXTH GENERATION),8GB RAM, 500GB INTERNAL STORAGE,17 INCH LCD MONITOR, WIRELESS NETWORK ADAPTOR ,KEY BOARD AND MOUSE .		1			

**OTHER REQUIRED MACHINES FOR DIGITAL PRINTING MACHINE BUT MISSING IN DPR**

SL.NO	ITEM	SPECIFICATION	Make	QTY.	RATE	TAX/GST/etc.	Total Amount (in Rs.)
1.	PADDING PROCESS MACHINE	FABRIC COATING OR PADDING MANGLE WITH PROPER ATTACHMENT ( MINI STENTER ) FOR PRE PROCESS OF PADDING OF COTTON /MIXED/SYNTHETIC FABRIC FOR DIGITAL PRINTING . 72 INCH ROLL WIDTH, 10 INCH ROLL DIAMETER, PLAITING DOWN AND BOG BATCHING ARRANGEMENT , HEATING : BY GAS/STEAM/ELECTRICAL , A.C.DRIVE, ADJUSTABLE UPTO 10 TON PNEUMATIC PRESSURE SUITABLE FOR PADDING FABRIC COATING (PADDING) MACHINE, WIDTH OF MACHINE : 10 FT, LENGTH OF MACHINE : 27 FT.		1Pcs.			

**OTHER REQUIRED MACHINES MISSING IN DPR(PRINTING UNITS)**

SL.NO	ITEM	SPECIFICATION	Make	QTY.	RATE	TAX/GST/etc.	Total Amount (in Rs.)
1.	FABRIC INSPECTION MACHINE	70 INCH FABRIC WIDTH, FABRIC INSPECTION MACHINE SUITABLE FOR INSPECTION OF COTTON AND SILK FABRIC ,FABRIC ROLL TO ROLL INPUT AND OUTPUT,70/20 INCH VIEWING GLASS WITH 2 WAY LIGHTING ARRANGEMENT FOR EASY VIEW AND INSPECTION,MOTORISED VARIABLE SPEED UPTO 18 MTR/MIN,1HP DC MOTOR.		1			
2	HYDRO EXTRACTOR	ALL S.S.BODY, SILENT VIBRATION LESS OPERATION, AUTO TIMING,AUTO DC BREAK, SAFETY PRECAUTION ,CAPACITY : 25 KG		1			
3.	CALENDERING MACHINE	TEXTILE CALENDERING MACHINE , 66 INCH Single Roller Calendering Machine Used to calendar cotton, chemical fiber, blend fabric, etc.,Single Roller Heating, Heating Medium can be either Heater or Steam Operated or Gas Operated With extra attachment as needed for Silk or Cotton Fabrics, With full Panel for Reverse or Forward Movement .Easy to work and Install ,Low Maintenance .		1			