



उ.पू. ह.ह.वि.नि.  
NEHDC

पूर्वोत्तर हस्तशिल्प एवं हथकरघा विकास निगम लिमिटेड  
(भारत सरकार का उद्यम)

North Eastern Handicrafts and Handlooms Development Corporation Limited  
(A Government of India Enterprise)



No.: NEHHDC/ L&E/ JHIC-ASPIRE/2023-24/01

Date: 08/08/2023

### NOTICE INVITING TENDER (NIT)

North Eastern Handicrafts and Handlooms Development Corporation Ltd. (NEHHDC) Guwahati invites sealed quotations in Two Bid System from eligible and qualified Bidders of India, for the following proposal:

NIT No.	Description
1	Supply/installation and commissioning of various equipment & tools/instruments at Jewellery and Handicraft Incubation Centre of North Eastern Handicrafts and Handlooms Development Corporation Limited (NEHHDC) at East Point Tower, Bamunimaidam, Guwahati, Assam

Date and Time for publishing, Downloading, Last Date of submission of Tender with other documents and other detailed terms & conditions of NIT are available on website: [www.nehhdc.com](http://www.nehhdc.com) and Central Public Procurement Portal <https://eprocure.gov.in> and <https://eprocure.gov.in/epublish/app> Further, prospective bidders are requested to keep watching website [www.nehhdc.com](http://www.nehhdc.com) regularly for any subsequent information/ corrigendum to the advertisement. There will be no separate advertisement for the same.

प्रबंध निर्देशक  
Managing Director  
पूर्वोत्तर हस्तशिल्प और हथकरघा विकास निगम लिमिटेड  
North Eastern Handicrafts & Handlooms  
Development Corporation Ltd.  
(भारत सरकार का उद्यम)  
(A Govt. of India Enterprise)  
डोनर मंत्रालय, भारत सरकार के अधीन  
Under the Ministry of DoNER, Government of India

  
Managing Director

North Eastern Handicrafts & Handlooms  
Development Corporation Ltd. (NEHHDC)

North Eastern Handicrafts & Handlooms  
Development Corporation Ltd  
(Ministry of DoNER, Govt. of India)  
Garchuk, Pamohi Road, Guwahati – 781035,  
Assam

Tender enquiry document for purchase of  
equipment/tools/instruments for NEHHDC  
**Jewelry and Handicraft Incubation Centre** at  
East Point Tower, Bamunimaidam, Guwahati



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NEHHDC

**North Eastern Handicrafts & Handlooms Development Corporation Ltd**  
(A Government of India Enterprise)  
Garchuk, Pamhori Road, Guwahati-781035

Phone No.: +91 84739 54630, +91 9791019917

E-mail: [hr.nehhdc@gmail.com](mailto:hr.nehhdc@gmail.com)

NO.: NEHHDC/ L&E/ JHIC-ASPIRE/2023-24/01

Date: 08/08/2023

**Sub: Invitation of Bids for the supply of equipment/tools/instruments for Jewelry and Handicraft Incubation Centre of NEHHDC at East Point Tower, Bamunimaidam, Guwahati, Assam**

Tenders in **Two Bids system** are invited from manufacturers/authorized dealers/ suppliers for the supply of equipment/tools/instruments for Jewelry and Handicraft Incubation Centre of NEHHDC at East Point Tower, Bamunimaidam, Guwahati, Assam. Detailed information regarding the items, application/tender forms, EMD details, specifications, terms and conditions can be downloaded from the following websites:

- [www.nehhdc.com](http://www.nehhdc.com)
- Government of India Central Public Procurement Portal <https://eprocure.gov.in> and <https://eprocure.gov.in/epublish/app>

The interested bidders shall submit their tender documents through offline mode in sealed covered at address: The Jewelry and Handicraft Incubation Centre, NEHHDC, 5th Floor, East Point Tower, Bamunimaidam, Guwahati 781021, Assam

Further, prospective bidders are requested to keep watching website [www.nehhdc.com](http://www.nehhdc.com) regularly for any subsequent information/corrigendum to the advertisement. There will be no separate advertisement for the same.

The undersigned reserves the right to accept or reject any or all the bids without assigning any reason at any stage.

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Managing Director  
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Development Corporation Ltd. (NEHHDC)



North Eastern Handicrafts & Handlooms Development Corporation Ltd (Ministry of DoNER, Govt. of India) Garchuk, Pamohi Road, Guwahati – 781035, Assam	Tender enquiry document for purchase of equipment/tools/instruments for <b>NEHHDC Jewelry and Handicraft Incubation Centre</b> at East Point Tower, Bamunimaidam, Guwahati
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No: NEHHDC/ L&E/ JHIC-ASPIRE/2023-24/01

Date: 08/08/2023

**Sub: Invitation of Bids in sealed cover for the supply of equipment/tools/instruments for Jewelry and Handicraft Incubation Centre of NEHHDC at East Point Tower, Bamunimaidam, Guwahati, Assam**

#### Critical Date Sheet

NIT Reference Number:	NEHHDC/ L&E/ JHIC-ASPIRE/2023-24/01
Date of release of NIT through e-procurement Portal:	08.08.2023
NIT Submission Start Date (Offline mode):	17.08.2023
Pre-bid meeting date:	16.08.2023
Last Date & time for submission of offline Bid:	29.08.2023; 14:30 Hrs IST
Date & time for opening of Technical Bid:	30.08.2023; 10.00 Hrs IST
Date & time for opening of Financial Bid:	To be informed to shortlisted Bidders after Technical Evaluation
Last date for Receipt of Tender fees and EMD:	29.08.2023
Tender Document Fee:	Rs. 3000/- (Rupees Three Thousand only)
EMD:	Rs. 2,00,000/- (Rupees Two Lakh only)

#### 1. Introduction

- 1.1. The Jewelry and Handicraft Incubation Centre of NEHHDC is located at the 5<sup>th</sup> Floor of East Point Tower, Bamunimaidam, Guwahati, Assam. The Centre is located about 3 Km away from Guwahati Railway Station and 30 Km away from the LGB International Airport. The location is one of the key commercial hubs of Guwahati.
- 1.2. The Incubation Centre has been created to impart skill development trainings as well as to provide rental manufacturing facilities to existing entrepreneurs, jewelers (skilled and semi-skilled), design students and potential entrepreneurs.
- 1.3. The project has been supported under the ASPIRE Scheme of Government of India.
- 1.4. NEHHDC invites Quotations in sealed covers from Manufacturers/Authorised Dealers/Suppliers for supply/ installation and commissioning of various equipment & tools/instruments leading to functioning of the Incubation Centre. The details of requirements are provided under Scope of Work.



North Eastern Handicrafts & Handlooms Development Corporation Ltd (Ministry of DoNER, Govt. of India) Garchuk, Pamohi Road, Guwahati – 781035, Assam	Tender enquiry document for purchase of equipment/tools/instruments for <b>NEHDC          Jewelry and Handicraft Incubation Centre</b> at East Point Tower, Bamunimaidam, Guwahati
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## 2. Scope of work

2.1. The broad scope of work is described in the following Table.

**Table: Scope of work for supply to Jewelry and Handicraft Incubation Centre**

Sl. No.	Item Description	Item Code / Make	Quantity	Units
1	2	3	4	5
1	<b>Package A (Gemstone Section)</b>	<b>100</b>		
1.1	<b>Assortment Station</b>	100.01	1	Number
1.2	<b>Trim Saw Machine:</b> 230 V, Single phase, 50 Hz; Saw Blade 100 - 150 mm; Blade Thickness 0.2 - 1 mm; Max. size of cut 30 mm; Speed 700 - 2800 rpm; must be suitable for slicing of all kind of gemstones from 2 to 30 mm pc. sizes	100.02	1	Number
1.3	<b>Pre-shaping Machine</b> suitable for pre shaping of faceted as well as Cabochon gemstones: Single Phase, 50 Hz; 230 V; Grinding Lap: 100/180/260; Grit Diamond Lap; Lap Bore: 12.7 mm; Speed: 450 – 2800 rpm	100.03	1	Number
1.4	<b>Dopping Station</b>	100.04	2	Number
1.5	<b>Semi Automatic Universal Calibration Machine</b> with ability to calibrate faceted as well as Cabochon gemstones 2 - 20 mm sizes with close tolerance as per ICA specifications including coolant & lighting arrangements and Master Piece Oval, Pear, Square & Octagon etc.	100.05	1	Number
1.6	<b>High Precision Electrically operated variable speed Faceting &amp; Polishing Machines</b> suitable for processing of different hardness of Gemstone to produce 2 mm to 10 mm Round, Square, Pear, Oval, Heart, Octagon, Trillion and other fancy shapes including accessories such as Table cutting & Polishing Mast, Transferring Device etc.	100.06	2	Number
1.7	<b>Cabochon Polishing Machine:</b> 230 V, 50 Hz, Single phase; Grinding Lap: 100/180/260; Grit Diamond Lap Bore: 12.7 mm Speed: 450 – 2800 rpm	100.07	1	Number
1.8	<b>Vibratory Polisher:</b> Min. 4 Kg load per cycle; main container must be wear resistant and scratch proof	100.08	2	Number
1.9	<b>Ultra Sonic Drilling Machine:</b> 220 V, 50 Hz; Ultrasonic unit 25 Khz Auto Tuning Transducers: Electrostrictive PZT; Max. Drilling thickness :6 mm; Max. Drilling Dia : 1.50 mm	100.09	2	Number
1.10	<b>Grading Station</b>	100.10	1	Number
1.11	<b>Stone Carving Design Machine Mix</b>	100.11	3	Number
2	<b>Package B (Tools for Gemstone processing)</b>	<b>200</b>		
2.1	Modified Brass Indexing Dop Holder For IFP Machine Brass Dopsticks	200.01	40	Piece
2.2	Brass Dopsticks precision 2 mm to 7 mm for F&P Machine	200.02	400	Piece
2.3	Diamond Plate 600 Mesh	200.03	10	Piece
2.4	Diamond Plate 1200 Mesh	200.04	10	Piece
2.5	8' Polishing Lap (Copper and Silver Alloy)	200.05	6	Piece
2.6	Diamond Powder	200.06	400	Ct.
2.7	Burner Set For Doping	200.07	1	Piece
2.8	Special Dopping Wax	200.08	10	Kg
2.9	Stone cleaning powder (caustic soda)	200.09	2	Kg



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Sl. No.	Item Description	Item Code / Make	Quantity	Units
1	2	3	4	5
2.10	Stone cleaning bowl	200.10	10	Piece
2.11	Wooden Dops Stands( for F&P MACHINE )	200.11	10	Piece
2.12	Gem Cleaning Liquid (thinner )	200.12	5	Ltr.
2.13	Cloth stone cleaning	200.13	10	Mtr.
2.14	Oil can	200.14	2	Piece
2.15	Mobile Oil	200.15	2	Ltr.
2.16	Dop cleaning brush (Brass Brush )	200.16	10	Piece
2.17	Brass Dopsticks – Precision 2mm To 7 mm For calibration Machine	200.17	500	Piece
2.18	Diamond Plate 100, 180, 260 , 360 & 600 Mesh -	200.18	35	Piece
2.19	Pliers/Cutter	200.19	10	Piece
2.20	Tub small for Stone Rough	200.2	4	Piece
2.21	Spectacle for eyes guard	200.21	6	Piece
2.22	Sawing Blade	200.22	200	Piece
2.23	Tub small for Stone Rough	200.23	8	Piece
2.24	Emery powder Size-100,150no	200.24	8	Kg
2.25	Gas Burner set with pipe & clamp For Tools Soldering	200.25	1	Set
2.26	Gas Lighter	200.26	4	Piece
2.27	drip set	200.27	20	Piece
2.28	Tub small Size	200.28	4	Piece
2.29	Emery powder Size-360 & 600 no – (5 kg+5 Kg)	200.29	10	Kg
2.30	Tub Big Size 10 ltr	200.3	3	Piece
2.31	Mica Wood Polishing wheel	200.31	1	Piece
2.32	Polishing powder ( Chromium Oxide )	200.32	8	Kg
2.33	Polishing powder White ( Tin Oxide )	200.33	2	Kg
2.34	Polishing powder Pink	200.34	2	Kg
2.35	Coconut oil	200.35	1	Piece
2.36	Diamond mixing bowl	200.36	8	Piece
2.37	Powder gr. White, mixing bowl medium Size	200.37	6	Piece
2.38	Tweezers	200.38	6	Piece
2.39	Scoop	200.39	6	Piece
2.40	Eye Glass	200.40	10	Piece
2.41	Dial Gauge	200.41	3	Piece
2.42	Gem color Matching tray	200.42	2	Piece
2.43	Assortment Pad	200.43	4	Piece
2.44	Fine cloth	200.44	5	Piece
2.45	Gem Grading Table Lamp	200.45	2	Piece
2.46	Table Lamp	200.46	5	Piece
2.47	Gems stores Box ( PVC ) Mix Size	200.47	15	Piece
2.48	Polythene Bag Mix Size	200.48	30	Packet
2.49	Gem Paper Packet Mix	200.49	30	Packet
2.50	Rubber Band	200.50	2	Packet
2.51	Stone carving tools kit for design	200.51	1	Set
2.52	Amethyst ( Gemstone Rough )	200.52	1	Kg
2.53	Citrine ( Gemstone Rough )	200.53	1	Kg
2.54	Garnet ( Gemstone Rough )	200.54	2	Kg
2.55	Green Onyx ( Gemstone Rough )	200.55	4	Kg
2.56	Mix CZ Gemstone Rough	200.56	4	Kg
3	<b>Package C (Hardware and Software for Design Station)</b>	<b>300</b>		
3.1	Desktop computer with flat monitor: Intel Core i7, latest	300.01	3	Nos.



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Sl. No.	Item Description	Item Code / Make	Quantity	Units
1	2	3	4	5
	Gen, Hexa Core, min. 2.5 GHz Clock Speed, 8 GB DDR4 RAM, 512 GB SSD, Intel UHD Graphics 630, 23.8 inches, 1920 x 1080 pixels, Wired key board, Mouse, Windows 10 OS, MS Office (Professional), other accessories Min. 1 Year Warranty			
3.2	Rhino Software	300.02	1	Nos.
3.3	Digital Flatbed Scanner	300.03	1	Nos.
3.4	Colour Printer	300.04	1	Nos.
3.5	Dip Resin 3D Printer for Jewelry; indicative spec. Speed up to 700 layers per hour, X & Y Resolution 30 μ Native, Z Resolution min. 10 μ. Pixel size 0.052 mm, Platform size 200 x 112 x 150 mm, USB connectivity, supporting CAD software, necessary accessories and consumables to commission and initial operation; Machine warranty min. 3 years, Life time software upgrade; installation, commissioning and training of users at site.	300.05	1	Nos.
3.6	Liquid Die Frame Assorted size	300.06	25	Piece
3.7	Liquid Silicone Rubber	300.07	20	Ltr.
4	<b>Package D (Equipment for Casted Jewellery Section)</b>	<b>400</b>		
4.1	Electrical Melter: 230 Volt, 50 Hz, 6 kW Gold capacity: 1/2 kg with Digital controller, Proportional/On/Off operation; Melting temperature: Up to 1150°C	400.01	1	Nos.
4.2	1HP, 0.75 KW, 1 φ Motorized Rolling Machine: Rolls width x diameter: 101x57 – 4” x 2.25” mm Operating system; Wire grooves from - to: 0.75 - 7 Maximum sheet width: 37 Maximum apertures of rolls: 6 No. of half round grooves: 2	400.02	1	Nos.
4.3	Vulcanizer with Digital PID controller & Digital timer: 230 Volt AC, Single Phase, Maximum opening: 4.5” Maximum temperature: 200°C Maximum timer: 99 minutes	400.03	1	Nos.
4.4	Wax Injector With Compressor with Digital temperature controller & PID; Double sided nozzle; 230 Volt AC, Single Phase, Wax capacity: 2 KG & 2.5 KG; Air required: 0 - 25 PSI	400.04	1	Nos.
4.5	Burnt Furnace with high density insulation material to prevent heat loss; Digital PID profile temperature controller Flask capacity: 6; 1φ, 230 V AC, 6 KW	400.05	1	Nos.
4.6	3 In 1 Casting & Investment Machine; with Digital PID temperature controller. Isolated low voltage heating system and High vacuum suction; 230 Volt AC, Single Phase; Maximum temperature: 1150°C Vacuum pump: 350 Ltr./Min.; Flask size (Casting): 4” diameter x 8” height, Melting capacity: 1 KG	400.06	1	Nos.
4.7	Water Jet Machine; 3φ 440 Volt AC, 2.2 KW Water Inlet: 5 Liter/Minute; Water Pressure: 40 - 110 Bar (Max.)	400.07	1	Nos.
4.8	Jewellery Filing Table with Motor Hand Tool Accessories; Maximum Speed: 5000 RPM, 230 Volt, 50 Hz Micro Motor of 35000 RPM	400.08	4	Nos.
4.9	Stone Setting Table with Motor hand tool accessories; Power supply: 230 Volt, 50 Hz; Motor: 5000 RPM, 150 Watt	400.09	3	Nos.



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Sl. No.	Item Description	Item Code / Make	Quantity	Units
1	2	3	4	5
	Micro motor of 35000 RPM			
4.10	Fully automatic Magnetic Polisher having forward & reverse motion; Capacity (gm): 400-600; Bowl size: 10"x8" PP & Acrylic; 1.0 HP; Speed: Constant 2800 RPM, 230 V AC 1φ	400.10	1	Nos.
4.11	Polishing Machine with Pocket cloth filters capacity 10 micron, Silencer and Locking facility; 1/3φ, 230/440 V AC, 2.2 KW Suction power: 250 CFM/station; Operating person: Double	400.11	1	Nos.
4.12	Ultrasonic Cleaning Machine; Power generating frequency at 35 ± 5% KHz. Heating temperature 65°C, Capacity: 9 Ltr., 250 W. Ultrasonic frequency (KHz): 33 ± 5% , 230 V AC 1φ Heat capacity: 500 W	400.12	1	Nos.
4.13	Jewellery Steam Cleaner made of rust free fully stainless body; Maximum dry steam temperature of 180°C. Automatic pressure & temperature cut off switch; Safety valve for over press release, Water level: Auto sensor; Steam pressure: 100 PSI. Capacity: 9 Ltr. 220 V AC, 1φ	400.13	1	Nos.
5	<b>Package E (Equipment for Handmade Jewellery)</b>	<b>500</b>		
5.1	Low voltage Electrical Melter; 230 Volt, 50 Hz, Gold capacity: 1/2 kg with Digital controller: Proportional/On/Off operation; Melting temperature: Up to 1150°C	500.01	1	Nos.
5.2	Motorized Rolling Machine; Rolls width x diameter: 101" x 57" – 4 mm x 2.25 mm; Wire grooves from - to: 0.75 - 7 Maximum sheet width: 37 Maximum apertures of rolls: 6 No. of half round grooves: 2 Depth per rotation of string: 0.78; 230 V, 50 Hz, 1 φ	500.02	1	Nos.
5.3	Manual Press Size 4 No.	500.03	1	Nos.
5.4	Model Making/Jewellery Making Table; with Motor hand tool accessories; 230 Volt, 50 Hz; Motor: 5000 RPM, 150 Watt Micro motor of 35000 RPM	500.04	3	Nos.
5.5	Stone Setting Table; with Motor hand tool accessories; 230 Volt, 50 Hz; Motor: 5000 RPM, 150 Watt, Micro motor of 35000 RPM	500.05	2	Nos.
5.6	Enamel & Analing Furnace with Digital PID profile temperature controller having 8- steps 2-memory or 16- steps single memory, Power ON & Heat ON indicator. Powder coated MS fabrication, Attached control panel; Flask capacity: 2; 1φ, 230 V AC, 3 KW	500.06	1	Nos.
5.7	Polishing Machine withh Pocket cloth filters capacity 10 micron, silencer & locking facility; 1/3φ, 230/440 V AC, 2.2 KW Suction power: 250 CFM/station Operating person: Double	500.07	1	Nos.
5.8	Working Table	500.08	1	Nos.
6	<b>Package F (Equipment for Plating section)</b>	<b>600</b>		
6.1	Table Model Plating Plant with Universal Digital Timer, Bath Capacity: 2 - 10 Ltr.; 230 V, AC, 50 Hz; Bath Temp. 65 Deg. C	600.01	1	Nos.
6.2	Ultrasonic Cleaning Machine; Power generating frequency:	600.02	1	Nos.

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Sl. No.	Item Description	Item Code / Make	Quantity	Units
1	2	3	4	5
	35 ± 5% KHz; Heating temperature 65°C, Capacity 9 Ltr.; Ultrasonic frequency: 33 ± 5% KHz; 230 V AC 1φ Heat capacity: 500 W			
6.3	Jewellery Steam Cleaner with auto/manual water fills; Rust free stainless body; Maximum dry steam temperature of 180°C. Automatic pressure & temperature cut off facility; Safety valve; Steam pressure: Min. 100 PSI; Capacity: 9 Ltr. 230 V AC, 1φ.	600.03	1	Nos.

### Instruments

Sl. No.	Item Description	Item Code / Make	Quantity	Units
1	2	3	4	5
1	Instruments	100		
1.1	Battery Powered Electronic Scale 500 x 0.01 Gr.	100.01	4	Number
1.2	Battery Powered Electronic Scale 5000 x 0.05 Gr.	100.02	4	Number
1.3	Dial Gauge 0-20 mm	100.03	1	Number
1.4	Leveridge Gauge Set 0-20 mm	100.04	1	Number
1.5	Electronic Digital Calipers 0-150 mm	100.05	1	Number

### 3. Minimum eligibility condition to submit bids

3.1. Interested Manufacturers/Authorised Dealers/Suppliers have to fulfill the following requirements and shall submit necessary documents as indicated below along with their application for pre-qualification for the aforesaid scope of work:

- a) Original Equipment Manufacturer or Authorized Dealer/Supplier with proven track record.
- b) Must have experience of supply, installation and commissioning of equipments of similar nature.
- c) The Manufacturer/Authorised Dealer/Supplier must have full time Authorised Representative stationed in Guwahati.
- d) The Manufacturer/Authorised Dealer/Supplier must have valid PAN, GST Registration and other relevant licenses issued by appropriate Authority.
- e) The Manufacturer/Authorised Dealer/Supplier must be financially sound.
- f) The bidder must not be blacklisted/debarred from participation by any Government organisation.



3.2. The following documentary evidence as proof of compliance to regulatory and other requirements (as applicable) shall be submitted by the Respondents (Submit photocopies signed by authorized signatory of the Bidder on each page)

**A. Statutory requirements**

1. Proof of incorporation/registration of the organisation
2. Income Tax registration (PAN)
3. GST Registration
4. Udyam Registration
5. Start up registration
6. NSIC/MSME registration
7. Consents from Pollution Control Board
8. BIS License
9. Any other requirements

**Note:**

- a) If valid certificates are not available, proof of application for renewal should be provided.
- b) Valid certificates should be furnished within (Seven) days of closing of the Tender.

**B. Experience requirements**

1. **Documentary evidence** of carrying out similar supply & commissioning during the previous 5 (Five) years period (Work order, certificate of satisfactory completion of work may be submitted).
2. Other conditions being equal, preference will be given to Respondents registered in Assam.

**4. How to apply**

**4.1. Pre-bid meeting**

- A Pre-bid conference will be held through on-line mode as per the following details:
  - **Date: 16.08.2023**      **Time: 15:00 Hrs (IST)**
  - The Respondents interested to attend the pre-bid meeting are requested to send their queries to the following e-mail IDs **on or before 13.08.2023; 15.00 Hrs (IST)**:
  - Email ID: [hr.nehhdc@gmail.com](mailto:hr.nehhdc@gmail.com).
  - The on-line meeting Link shall be mailed to the Respondents who will send their queries.



4.2. The interested Manufacturer/Authorised Dealer/Supplier shall submit the Bids in the prescribed format along with supporting documents in the following manner:

- 4.2.1. Technical bid in 1<sup>st</sup> sealed envelope indicating Name of the Bidder, NIT Reference Number and the date of opening of the Technical Bid.
- 4.2.2. Financial bid in the 2<sup>nd</sup> sealed envelope indicating Name of the Bidder, NIT Reference Number and the date of opening of the Financial Bid.
- 4.2.3. The 1<sup>st</sup> and the 2<sup>nd</sup> envelope put inside the main sealed envelope indicating at the top Name of the Bidder and NIT Reference Number.

**4.3. Corrigenda, Addenda, Amendments to the Tender**

All Corrigenda, addenda, amendments, time extensions to the Tender, if any, will be hosted on the website of NEHHDC (<https://nehhdc.com/tender-and-notifications/>) and no separate notification shall be issued. Prospective Respondents against the Tender are requested to visit the website regularly to keep themselves updated.

**4.4. Queries/clarifications**

If the Respondents need any further clarification on this Tender document even after the pre-bid meeting, they may send their queries at least one week before the closing date of the Tender (Between 10.00 – 15.00 Hrs. IST) to the following person:

Name: **Ms. Namrata Das**

Designation: Executive (Livelihood and Entrepreneurship)

Contact No.: +91 9791019917

E-mail: [namrata.nehhdc@gmail.com](mailto:namrata.nehhdc@gmail.com)





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### 5. Evaluation Method for Short-listing the Bidders:

- 5.1. Bidders may bid for all the packages or part. However, the Bidder must be able to supply all the items included in a package.
- 5.2. NEHHDC will evaluate the Technical Bids for short-listing the Bidders and Financial Bids shall be opened only for the Technically Qualified Bidders. The Technical evaluation for the will be based on the following criteria:

#### Criteria for Technical Evaluation of the Bidders

Sr. No.	Parameters	Description of parameter	Score	Evaluation methodology
1.	Past experience	Experience of the Respondent in similar line of business	5	The bidder having experience of 3 years or more will be awarded full marks & others will be assigned scores proportionately.
2.	Turnover from business	Financial credential in terms of turnover from similar line of business	10	The bidders having average annual turnover of 40% of the estimated cost with valid UDIN number during previous 3 FY will be assigned full marks, others will be assigned proportionate scores.
3.	Track record	Experience of having successfully executed similar supply/works for the Government of Assam or Central Government	5	The bidders who have successfully executed Five or more similar supplies/works each of estimated cost or more during last 3 consecutive FY will be assigned full score, other bidders will be assigned proportionate scores.
4.	Third party recognition	Certification such as ISO 9001:2015 from accredited agency, ZED certification, winner of state/national level business performance awards etc.	5	Score 1 per recognition (Max. score 5)
<b>Total Marks</b>			<b>25</b>	

### 6. Financial Bids

- 6.1. Financial bids shall be opened only for Technically qualified short-listed Respondents.
- 6.2. Financial Bid evaluation shall be based upon all inclusive total cost of individual packages. Final selection shall be on basis of L1.

## Response formats

6.3. The Respondents shall submit the Bid documents as per Annexure I to VII along with supporting documentary evidences. Only offline Bids in sealed covers will be accepted. Each page of the documents submitted must be signed and stamped by authorized representative of the Bidder.

## 7. Disclaimer

- a) The Tender Enquiry Document (TED) document is not an Agreement and is neither an Offer nor Invitation by the NEHHDC to the prospective Respondents or any other person.
- b) The purpose of this TED is to provide interested parties with information that may be useful to them in the formulation of their Proposals/Offer pursuant to this TED.
- c) Information provided in this TED document to the Respondents is on a wide range of matters, some of which depends upon the interpretation of law. The information given is not an exhaustive account of statutory requirements and should not be regarded as a complete or authoritative statement of law. NEHHDC accepts no responsibility for the accuracy or otherwise for any interpretation or opinion in the law expressed herein.
- d) NEHHDC also accepts no liability of any nature whether resulting from negligence or otherwise however caused arising from reliance of any Respondent upon the statements contained in this TED document. NEHHDC may in its absolute discretion, but without being under any obligation to do so, update, amend or supplement the information, assessment or assumption contained in this TED.
- e) The issue of the TED does not imply that NEHHDC is bound to select any Respondents for the supply/commissioning works. NEHHDC reserves the right to reject all or any of the proposals without assigning any reasons whatsoever.
- f) The Respondents shall bear all costs associated with or relating to the preparation and submission of its Proposal including but not limited to preparation, copying, postage, delivery fees, expenses associated with any demonstrations or presentations which may be required by NEHHDC or any other costs incurred in connection with or relating to its Proposal. All such costs and expenses will remain with the Respondents and NEHHDC shall not be liable in any manner whatsoever for the same or for any other costs or other expenses incurred by an Respondents in preparation or submission of the Proposal, regardless of the conduct or outcome of the selection Process.



## 8. General Terms and Conditions

8.1. Interested Manufacturers/Authorised Dealers/Suppliers have to fulfill the following requirements and shall submit necessary documents as indicated below along with their application for pre-qualification for the aforesaid scope of work:

- a) Respondents shall submit Manufacturer's proof of registration/Manufacturer's Certification of appointment of Dealership (If applicable).
- b) Respondents shall submit Experience of supply, installation and commissioning of equipments of similar nature.
- c) The Manufacturer/Authorised Dealer/Supplier must have full time Authorised Representative stationed at Guwahati.
- d) The Manufacturer/Authorised Dealer/Supplier must submit copies of valid PAN, GST Registration and other relevant licenses issued by appropriate Authority.
- e) The Manufacturer/Authorised Dealer/Supplier must be financially sound and shall submit their latest 6 (six) months Bank Account Statement in support of their financial credibility.
- f) The delivery of the items and commissioning shall be at **5<sup>th</sup> Floor, East Point Tower, Bamunimaidam, Guwahati 781021, Assam**
- g) All items shall be verified at site for quality and quantity by designated representative(s) of NEHHDC prior to installation and commissioning.
- h) The Manufacturer/Authorised Dealer/Supplier shall submit post commissioning Test Report duly certified by the User (As applicable).
- i) Wherever applicable the products shall conform to relevant BIS Standards/possess BIS License.
- j) *The supplier shall identify the Country of Origin in case of imported items and shall not supply items imported from any country not permitted by the latest circulars of the Government of India.*



## 9. Other terms and conditions

- a) The TED document shall be submitted in English language only.
- b) The Manufacturer/Authorised Dealer/Suppliers shall submit documentary evidence in support of facts/claims submitted/made in response to the TED. Each page of the documents submitted shall be signed and stamped by competent authority of the Manufacturer/Authorised Dealer/Supplier.
- c) The Respondents would be responsible for all its expenses, costs and risks incurred towards preparation of the TED document, attending any pre-bid/bid meeting(s) and visiting the Incubation Centre site or any other location in connection therewith. NEHHDC shall, in no case, be responsible or liable for any such costs whatsoever, regardless of the outcome of the TED process.
- d) **Open responses received through e-mail/FAX or any other media shall not be considered.**
- e) 100% payment shall be made for the supplies within 30 days of receipt of Bills along with certificate of receipt of goods/completion of commissioning work issued by the competent authority of NEHHDC.
- f) Wherever post delivery services like AMC/Warranty/Guarantee are involved, an amount of 10% of the Contract value shall be retained at the time of payment of the Bills. The said retained amount shall be refunded in full without any interest accrued upon and after deduction, if any due to deficiency in supply after 15 days of completion of the AMC/Warranty/Guarantee period.
- g) The successful Manufacturer/Authorised Dealer/Suppliers shall enter into an agreement with NEHHDC for post delivery services of the equipment wherever applicable.
- h) This TED document is not an Agreement or Offer. The purpose of this TED document is to provide the intended Manufacturers/Authorised Dealers/Suppliers with information to assist the formulation of their proposals. The TED does not claim to contain all the information the Bidders might require
- i) NEHHDC reserves the Rights to accept or reject any/all Bids or cancel the process at any time without any liability and assigning any reasons thereof.

**Tender Document Fee:** Rs.3000/- (Rupees Three Thousand only) **and EMD:** Rs.2,00,000/- (Rupees Two Lakh only) may be paid through either (a) Demand Draft of any Scheduled Bank in favour of North Eastern Handicrafts & Handlooms Development Corporation Ltd. payable at Guwahati or (b) Net Banking or NEFT/RTGS (Bank Details are: Name: Northeastern Handicrafts and Handlooms Development Corporation Limited Account Number: 33510809937 Branch: Bamunimaidan IFSC: SBIN000021 Account type: Current ). Proof of payment must be enclosed along with the Technical Bid. Performance security may be in the form of Bank Guarantee.



North Eastern Handicrafts & Handlooms Development Corporation Ltd (Ministry of DoNER, Govt. of India) Garchuk, Pamohi Road, Guwahati – 781035, Assam	Tender enquiry document for purchase of equipment/tools/instruments for <b>NEHHDC</b> <b>Jewelry and Handicraft Incubation Centre</b> at East Point Tower, Bamunimaidam, Guwahati
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**ANNEXURE-I**

**CHECKLIST FOR COMPULSORY DOCUMENTS TO BE SUBMITTED BY BIDDER**

Sr. No.	Title	Yes/No	Page No.
	Envelope 1 (Technical Bid)		
1.	Certificate of incorporation/Firm Registration/Valid Trade License		
2.	PAN Card of the Company/Firm/Proprietor		
3.	GST Registration certificate		
4.	IT Return for last three years		
5.	Solvency Certificate from a Chartered Accountant		
6.	Purchase Order copies in the bidder's name for having supplied the quoted items to any reputed organizations during previous three years		
7.	Any other document relevant to the Tender		
8.	Annexure I to VI		
	Envelope 1 (Financial Bid)		
9.	Financial Bid in format of Annexure: VII		

**Name, signature & Address of the Bidder with Stamp**





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Development Corporation Ltd  
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**ANNEXURE-II**

**UNDERTAKING**

**(To be submitted on Rs.100/- non-judicial stamp paper)**

1. I/we the undersigned certify that I/we have gone through the Terms & Conditions mentioned in the Tender document and undertake to comply with them. The rates quoted by me/us are valid and binding on me/us for acceptance for the period of 6 (Six) months from date of opening of tender.
2. It is certified that rate quoted by me are the **lowest quoted** for any similar Government assisted organisations/schemes in India.
3. I/we undertake that I/we will be in position to provide AMC, Spare Parts, and Consumables for 3 (Three) years after completion of guarantee/warranty period for equipment where AMC is applicable. I/we also undertake to keep the equipment in running order throughout the year under warranty/guarantee/AMC. In case of any equipment under warranty/guarantee/AMC goes out of order, the fault will be attended within 24 hours of lodging of the complaint. I/we shall ensure that the equipment will be set right within shortest possible time.
4. There is no vigilance/CBI case or criminal court case(s) pending against my/our firm.
5. On Inspection if any article is found not as per supply order and specifications, it shall be replaced by me/us in time as asked for, at my /our own expenses.
6. I/we hereby undertake to supply the items as per specifications and directions given in supply order within the stipulated period.
7. I/we undertake to provide guarantee/warranty as mentioned in specifications from the date of satisfactory inspection and commissioning.
8. I/we abide by the condition that the appropriate authority of NEHHDC reserves the right to accept or reject any or all the Tenders without assigning any reasons(s) thereof.

**Name, signature & Address of the Bidder with Stamp**





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**ANNEXURE – III**

**TENDER TERMS AND CONDITIONS**

- a. Tenders will be opened in the Office of Northeastern Handicrafts and Handlooms Development Corporation (NEHHDC) Guwahati on the stipulated date and time.
- b. The Technical Bid shall not include the price of the items. Any Technical Bid quoting the price shall be rejected.
- c. The quoted price in the Financial Bid should be all inclusive lump sum price offered for each item including cost of the equipment, freight, Insurance, transit insurance, packing forwarding etc., and including charges for installation and commissioning with all men and material required for the same and including charges for the quoted warranty period. Rates and GST must be quoted separately.
- d. The rates quoted should be F.O.R Jewelry and Handicraft Incubation Centre, 5<sup>th</sup> Floor, East Point Tower, Bamunimaidam. Guwahati. Lift services for carrying of goods may not be available. No other charges in addition will be payable on any account over and above the lump sum price quoted in the price bid. The rates quoted in ambiguous terms such as "Freight on actual basis" or "Taxes as applicable extra" or "Packing forwarding extra" will render the bid liable for rejection.
- e. Only Techno-commercial bid (un-priced bid) will be opened first on the date mentioned. The price bid of the Technical qualified Bidders only will be considered for evaluation.
- f. For imported goods, the price quoted shall not be higher than the lowest price charged by the Bidder for the goods of the same nature, class or description to a purchaser, domestic or foreign or to any organization or department of Government of India.
- g. If it is found at any stage that the goods as stated have been supplied at a lower price, then that price, with due allowance for elapsed time will be applicable to the present case and the difference in cost would be refunded by the supplier to the purchaser, if the contract has already been concluded.
- h. The Bidder shall quote only in Indian Rupees.
- i. Successful bidders shall not be entitled to any rate revision of price for any reason except that allowed by Government of India.
- j. The rates quoted should be valid for one year from the date of approval of the Tender and the quantity mentioned is on the basis of present requirement which are to be supplied within the period mentioned in the tender.
- k. Wherever applicable, the equipment should be Guaranteed/Warranted (Comprehensive) for a minimum period of 2 (Two) years from the date of satisfactory commissioning and inspection.
- l. The successful bidder should furnish Performance Security Deposit @10% of the value of the contract.
- m. Appropriate authority of NEHHDC will be at liberty to terminate the tender proceedings without

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assigning any reasons thereof. The bidder will not be entitled for any compensation whatsoever in respect of such termination.

- n. The successful bidder should strictly adhere to the mentioned delivery schedule. Supply, installation and commissioning should be done within the prescribed period on the supply order.
- o. Bidder selection will be made on the basis of total cost (Technically qualified bids) mentioned in the price bid column.

**Name, signature & Address of the Bidder with Stamp**





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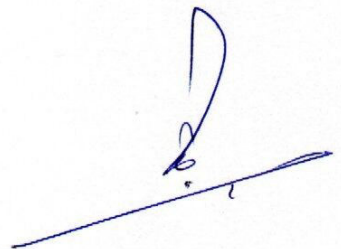
**ANNEXURE-IV**

**COMPANY PROFILE**

1. Name of the firm:
2. Full Address:
3. E-mail Id:
4. Telephone/Mobile No.:
5. Fax No.:
6. Name & address of your Bankers:  
Stating the name in which  
the Account stands  
(Please give Account details)
7. Any other information which you consider necessary to furnish:

Date:

**Name, signature of the Bidder with Stamp**



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**ANNEXURE-V**

**WARRANTY CERTIFICATE FOR THE SUPPLY OF EQUIPMENT**

I/we do hereby undertake to provide warranty for the equipment for a period of two years from the date of satisfactory installation of the said equipment in the NEHHDC Jewelry and Handicraft Incubation Centre.

Date:

**Name, signature & Address of the Bidder with Stamp**



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**ANNEXURE-VI**

**SELF-DECLARATION – NO BLACKLISTING**

Date:

To

The Managing Director  
NEHHDC

Dear Sir,

In response to the Tender Document for Supply/installation and commissioning of various equipment & tools/instruments at NEHHDC Jewelry and Handicraft Incubation Centre, I/we hereby declare that presently our Company/Firm \_\_\_\_\_ is having unblemished record and had never been declared ineligible for corrupt & fraudulent practices either indefinitely or for a particular period of time by any State/ Central Government/ PSU/Autonomous Body during the previous 5 (Five) years.

I/we further declare that presently our Company/Firm \_\_\_\_\_ is not blacklisted/debarred and not declared ineligible for reasons other than corrupt & fraudulent practices by any State/ Central Government/ PSU/ Autonomous Body on the date of Bid Submission.

If this declaration is found to be incorrect then without prejudice to any other action that may be taken, my/our security may be forfeited in full and the tender if any to the extent accepted may be cancelled.

Yours faithfully,

Signature of Authorized Signatory and Seal of the Company/Firm

Place:

Date:

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**ANNEXURE-VII**

**FINANCIAL BID**

**(Each page shall be signed by authorized signatory of the Bidder and stamped)**

Date:

To  
The Managing Director  
NEHHDC

**I. MACHINERY**

Sl. No.	Item Description	Item Code / Make	Quantity	Units	Rate in INR	Total all inclusive amount (INR)	Remarks, if any
1	2	3	4	5			
1	<b>Package A (Gemstone Section)</b>	<b>100</b>					
1.1	<b>Assortment Station</b>	100.01	1	Number			
1.2	<b>Trim Saw Machine:</b> 230 V, Single phase, 50 Hz; Saw Blade 100 - 150 mm; Blade Thickness 0.2 - 1 mm; Max. size of cut 30 mm; Speed 700 - 2800 rpm; must be suitable for slicing of all kind of gemstones from 2 to 30 mm pc. sizes	100.02	1	Number			
1.3	<b>Pre-shaping Machine</b> suitable for pre shaping of faceted as well as Cabochon gemstones: Single Phase, 50 Hz; 230 V; Grinding Lap: 100/180/260; Grit Diamond Lap; Lap Bore: 12.7 mm; Speed: 450 – 2800 rpm	100.03	1	Number			
1.4	<b>Dopping Station</b>	100.04	2	Number			



Sl. No.	Item Description	Item Code / Make	Quantity	Units	Rate in INR	Total all inclusive amount (INR)	Remarks, if any
1.5	<b>Semi Automatic Universal Calibration Machine</b> with ability to calibrate faceted as well as Cabochon gemstones 2 - 20 mm sizes with close tolerance as per ICA specifications including coolant & lighting arrangements and Master Piece Oval, Pear, Square & Octagon etc.	100.05	1	Number			
1.6	<b>High Precision Electrically operated variable speed Faceting &amp; Polishing Machines</b> suitable for processing of different hardness of Gemstone to produce 2 mm to 10 mm Round, Square, Pear, Oval, Heart, Octagon, Trillion and other fancy shapes including accessories such as Table cutting & Polishing Mast, Transferring Device etc.	100.06	2	Number			
1.7	<b>Cabochon Polishing Machine:</b> 230 V, 50 Hz, Single phase; Grinding Lap: 100/180/260; Grit Diamond Lap Bore: 12.7 mm Speed: 450 – 2800 rpm	100.07	1	Number			
1.8	<b>Vibratory Polisher:</b> Min. 4 Kg load per cycle; main container must be wear resistant and scratch proof	100.08	2	Number			
1.9	<b>Ultra Sonic Drilling Machine:</b> 220 V, 50 Hz; Ultrasonic unit 25 Khz Auto Tuning Transducers: Electrostrictive PZT; Max. Drilling thickness :6 mm; Max. Drilling Dia : 1.50 mm	100.09	2	Number			
1.10	<b>Grading Station</b>	100.10	1	Number			
1.11	<b>Stone Carving Design Machine Mix</b>	100.11	3	Number			
<b>Total all inclusive quoted price in INR (In words) for Package A</b>							

Sl. No.	Item Description	Item Code / Make	Quantity	Units	Rate in INR	Total all inclusive amount (INR)	Remarks, if any
2	<b>Package B (Tools for Gemstone processing)</b>	<b>200</b>					
2.1	Modified Brass Indexing Dop Holder For IFP Machine Brass Dopsticks	200.01	40	Piece			
2.2	Brass Dopsticks precision 2 mm to 7 mm for F&P Machine	200.02	400	Piece			
2.3	Diamond Plate 600 Mesh	200.03	10	Piece			
2.4	Diamond Plate 1200 Mesh	200.04	10	Piece			
2.5	8' Polishing Lap (Copper and Silver Alloy)	200.05	6	Piece			
2.6	Diamond Powder	200.06	400	Ct.			
2.7	Burner Set For Doping	200.07	1	Piece			
2.8	Special Dopping Wax	200.08	10	Kg			
2.9	Stone cleaning powder (caustic soda)	200.09	2	Kg			
2.10	Stone cleaning bowl	200.10	10	Piece			
2.11	Wooden Dops Stands( for F&P MACHINE )	200.11	10	Piece			
2.12	Gem Cleaning Liquid (thinner )	200.12	5	Ltr.			
2.13	Cloth stone cleaning	200.13	10	Mtr.			
2.14	Oil can	200.14	2	Piece			
2.15	Mobile Oil	200.15	2	Ltr.			
2.16	Dop cleaning brush (Brass Brush )	200.16	10	Piece			
2.17	Brass Dopsticks – Precision 2mm To 7 mm For calibration Machine	200.17	500	Piece			
2.18	Diamond Plate 100, 180, 260 , 360 & 600 Mesh -	200.18	35	Piece			
2.19	Pliers/Cutter	200.19	10	Piece			
2.20	Tub small for Stone Rough	200.2	4	Piece			
2.21	Spectacle for eyes guard	200.21	6	Piece			



Sl. No.	Item Description	Item Code / Make	Quantity	Units	Rate in INR	Total all inclusive amount (INR)	Remarks, if any
2.22	Sawing Blade	200.22	200	Piece			
2.23	Tub small for Stone Rough	200.23	8	Piece			
2.24	Emery powder Size-100,150no	200.24	8	Kg			
2.25	Gas Burner set with pipe & clamp For Tools Soldering	200.25	1	Set			
2.26	Gas Lighter	200.26	4	Piece			
2.27	drip set	200.27	20	Piece			
2.28	Tub small Size	200.28	4	Piece			
2.29	Emery powder Size-360 & 600 no – (5 kg+5 Kg)	200.29	10	Kg			
2.30	Tub Big Size 10 ltr	200.3	3	Piece			
2.31	Mica Wood Polishing wheel	200.31	1	Piece			
2.32	Polishing powder ( Chromium Oxide )	200.32	8	Kg			
2.33	Polishing powder White ( Tin Oxide )	200.33	2	Kg			
2.34	Polishing powder Pink	200.34	2	Kg			
2.35	Coconut oil	200.35	1	Piece			
2.36	Diamond mixing bowl	200.36	8	Piece			
2.37	Powder gr. White, mixing bowl medium Size	200.37	6	Piece			
2.38	Tweezers	200.38	6	Piece			
2.39	Scoop	200.39	6	Piece			
2.40	Eye Glass	200.40	10	Piece			
2.41	Dial Gauge	200.41	3	Piece			
2.42	Gem color Matching tray	200.42	2	Piece			
2.43	Assortment Pad	200.43	4	Piece			
2.44	Fine cloth	200.44	5	Piece			
2.45	Gem Grading Table Lamp	200.45	2	Piece			

Sl. No.	Item Description	Item Code / Make	Quantity	Units	Rate in INR	Total all inclusive amount (INR)	Remarks, if any
2.46	Table Lamp	200.46	5	Piece			
2.47	Gems stores Box ( PVC ) Mix Size	200.47	15	Piece			
2.48	Polythene Bag Mix Size	200.48	30	Packet			
2.49	Gem Paper Packet Mix	200.49	30	Packet			
2.50	Rubber Band	200.50	2	Packet			
2.51	Stone carving tools kit for design	200.51	1	Set			
2.52	Amethyst ( Gemstone Rough )	200.52	1	Kg			
2.53	Citrine ( Gemstone Rough )	200.53	1	Kg			
2.54	Garnet ( Gemstone Rough )	200.54	2	Kg			
2.55	Green Onyx ( Gemstone Rough )	200.55	4	Kg			
2.56	Mix CZ Gemstone Rough	200.56	4	Kg			
<b>Total all inclusive quoted price in INR (In words) for Package B</b>							
3	<b>Package C (Hardware and Software for Design Station)</b>	<b>300</b>					
3.1	Desktop computer with flat monitor: Intel Core i7, latest Gen, Hexa Core, min. 2.5 GHz Clock Speed, 8 GB DDR4 RAM, 512 GB SSD, Intel UHD Graphics 630, 23.8 inches, 1920 x 1080 pixels, Wired key board, Mouse, Windows 10 OS, MS Office (Professional), other accessories Min. 1 Year Warranty	300.01	3	Nos.			
3.2	Rhino Software	300.02	1	Nos.			
3.3	Digital Flatbed Scanner	300.03	1	Nos.			
3.4	Colour Printer	300.04	1	Nos.			



Sl. No.	Item Description	Item Code / Make	Quantity	Units	Rate in INR	Total all inclusive amount (INR)	Remarks, if any
3.5	Dip Resin 3D Printer for Jewellery; indicative spec. Speed up to 700 layers per hour, X & Y Resolution 30 µ Native, Z Resolution min. 10 µ. Pixel size 0.052 mm, Platform size 200 x 112 x 150 mm, USB connectivity, supporting CAD software, necessary accessories and consumables to commission and initial operation; Machine warranty min. 3 years, Life time software upgrade; installation, commissioning and training of users at site.	300.05	1	Nos.			
3.6	Liquid Die Frame Assorted size	300.06	25	Piece			
3.7	Liquid Silicone Rubber	300.07	20	Ltr.			
<b>Total all inclusive quoted price in INR (In words) for Package C</b>							
4	<b>Package D (Equipment for Casted Jewellery Section)</b>	<b>400</b>					
4.1	Electrical Melter: 230 Volt, 50 Hz, 6 kW Gold capacity: 1/2 kg with Digital controller, Proportional/On/Off operation; Melting temperature: Up to 1150°C	400.01	1	Nos.			
4.2	IHP, 0.75 KW, 1 φ Motorized Rolling Machine: Rolls width x diameter: 101x57 – 4” x 2.25” mm Operating system; Wire grooves from - to: 0.75 - 7 Maximum sheet width: 37 Maximum apertures of rolls: 6 No. of half round grooves: 2	400.02	1	Nos.			
4.3	Vulcanizer with Digital PID controller & Digital timer: 230 Volt AC, Single Phase, Maximum opening: 4.5” Maximum temperature: 200°C Maximum timer: 99 minutes	400.03	1	Nos.			

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Sl. No.	Item Description	Item Code / Make	Quantity	Units	Rate in INR	Total all inclusive amount (INR)	Remarks, if any
4.4	Wax Injector With Compressor with Digital temperature controller & PID; Double sided nozzle; 230 Volt AC, Single Phase, Wax capacity: 2 KG & 2.5 KG; Air required: 0 - 25 PSI	400.04	1	Nos.			
4.5	Burnt Furnace with high density insulation material to prevent heat loss; Digital PID profile temperature controller Flask capacity: 6; 1 $\phi$ , 230 V AC, 6 KW	400.05	1	Nos.			
4.6	3 In 1 Casting & Investment Machine; with Digital PID temperature controller. Isolated low voltage heating system and High vacuum suction; 230 Volt AC, Single Phase; Maximum temperature: 1150°C Vacuum pump: 350 Ltr./Min. Flask size (Casting): 4" diameter x 8" height, Melting capacity: 1 KG	400.06	1	Nos.			
4.7	Water Jet Machine; 3 $\phi$ 440 Volt AC, 2.2 KW Water Inlet: 5 Liter/Minute; Water Pressure: 40 - 110 Bar (Max.)	400.07	1	Nos.			
4.8	Jewellery Filing Table with Motor Hand Tool Accessories; ; Maximum Speed: 5000 RPM, 230 Volt, 50 Hz Micro Motor of 35000 RPM	400.08	4	Nos.			
4.9	Stone Setting Table with Motor hand tool accessories; Power supply: 230 Volt, 50 Hz; Motor: 5000 RPM, 150 Watt; Micro motor of 35000 RPM	400.09	3	Nos.			
4.10	Fully automatic Magnetic Polisher having forward & reverse motion; Capacity (gm): 400-600; Bowl size: 10"x8" PP & Acrylic; 1.0 HP; Speed: Constant 2800 RPM, 230 V AC 1 $\phi$	400.10	1	Nos.			



Sl. No.	Item Description	Item Code / Make	Quantity	Units	Rate in INR	Total all inclusive amount (INR)	Remarks, if any
4.11	Polishing Machine with Pocket cloth filters capacity 10 micron, Silencer and Locking facility; 1/3 $\phi$ , 230/440 V AC, 2.2 KW Suction power: 250 CFM/station; Operating person: Double	400.11	1	Nos.			
4.12	Ultrasonic Cleaning Machine; Power generating frequency at 35 $\pm$ 5% KHz. Heating temperature 65 $^{\circ}$ C, Capacity: 9 Ltr., 250 W. Ultrasonic frequency (KHz): 33 $\pm$ 5%, 230 V AC 1 $\phi$ ; Heat capacity: 500 W	400.12	1	Nos.			
4.13	Jewellery Steam Cleaner made of rust free fully stainless body; Maximum dry steam temperature of 180 $^{\circ}$ C. Automatic pressure & temperature cut off switch; Safety valve for over press release, Water level: Auto sensor; Steam pressure: 100 PSI. Capacity: 9 Ltr. 220 V AC, 1 $\phi$	400.13	1	Nos.			
<b>Total all inclusive quoted price in INR (In words) for Package D</b>							
5	<b>Package E (Equipment for Handmade Jewellery)</b>	500					
5.1	Low voltage Electrical Melter; 230 Volt, 50 Hz, Gold capacity: 1/2 kg with Digital controller: Proportional/On/Off operation; Melting temperature: Up to 1150 $^{\circ}$ C	500.01	1	Nos.			
5.2	Motorized Rolling Machine; Rolls width x diameter: 101" x 57" – 4 mm x 2.25 mm; Wire grooves from - to: 0.75 - 7 Maximum sheet width: 37 Maximum apertures of rolls: 6 No. of half round grooves: 2 Depth per rotation of string: 0.78; 230 V, 50 Hz, 1 $\phi$	500.02	1	Nos.			
5.3	Manual Press Size 4 No.	500.03	1	Nos.			

Sl. No.	Item Description	Item Code / Make	Quantity	Units	Rate in INR	Total all inclusive amount (INR)	Remarks, if any
5.4	Model Making/Jewellery Making Table; with Motor hand tool accessories; 230 Volt, 50 Hz; Motor: 5000 RPM, 150 Watt Micro motor of 35000 RPM	500.04	3	Nos.			
5.5	Stone Setting Table; with Motor hand tool accessories; 230 Volt, 50 Hz; Motor: 5000 RPM, 150 Watt, Micro motor of 35000 RPM	500.05	2	Nos.			
5.6	Enamel &Analng Furnace with Digital PID profile temperature controller having 8- steps 2-memory or 16-steps single memory, Power ON & Heat ON indicator. Powder coated MS fabrication, Attached control panel; Flask capacity: 2; 1φ, 230 V AC, 3 KW	500.06	1	Nos.			
5.7	Polishing Machine withh Pocket cloth filters capacity 10 micron, silencer & locking facility; 1/3φ, 230/440 V AC, 2.2 KW Suction power: 250 CFM/station Operating person: Double	500.07	1	Nos.			
5.8	Working Table	500.08	1	Nos.			
<b>Total all inclusive quoted price in INR (In words) for Package E</b>							
6	<b>Package F (Equipment for Plating section)</b>	600					
6.1	Table Model Plating Plant with Universal Digital Timer, Bath Capacity: 2 - 10 Ltr.; 230 V, AC, 50 Hz; Bath Temp. 65 Deg. C	600.01	1	Nos.			



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Tender enquiry document for purchase of equipment/tools/instruments for  
**NEHHDC Jewelry and Handicraft Incubation Centre** at East Point Tower,  
Bamunimaidam, Guwahati

Sl. No.	Item Description	Item Code / Make	Quantity	Units	Rate in INR	Total all inclusive amount (INR)	Remarks, if any
6.2	Ultrasonic Cleaning Machine; Power generating frequency: 35 ± 5% KHz; Heating temperature 65°C, Capacity 9 Ltr.; Ultrasonic frequency: 33 ± 5% KHz; 230 V AC 1φ Heat capacity: 500 W	600.02	1	Nos.			
6.3	Jewellery Steam Cleaner with auto/manual water fills; Rust free stainless body; Maximum dry steam temperature of 180°C. Automatic pressure & temperature cut off facility; Safety valve; Steam pressure: Min. 100 PSI; Capacity: 9 Ltr. 230 V AC, 1φ.	600.03	1	Nos.			
<b>Total all inclusive quoted price in INR (In words) for Package F</b>							

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## II. INSTRUMENTS

Sl. No.	Item Description	Item Code / Make	Quantity	Units	Rate in INR	Total all inclusive amount (INR)	Remarks, if any
1	2	3	4	5			
1	Instruments	100					
1.1	Battery Powered Electronic Scale 500 x 0.01 Gr.	100.01	4	Number			
1.2	Battery Powered Electronic Scale 5000 x 0.05 Gr.	100.02	4	Number			
1.3	Dial Gauge 0-20 mm	100.03	1	Number			
1.4	Leveridge Gauge Set 0-20 mm	100.04	1	Number			
1.5	Electronic Digital Calipers 0-150 mm	100.05	1	Number			
<b>Total all inclusive quoted price in INR (In words) for Instruments</b>							