



**M/s. RAGHUNATH PATHAGARA**  
**Implementing Agency, Kantilo Bell Metal & Wood Cluster,**  
*House No.29, Seven Hills City, Post Ambapua, Via Berhampur,*  
*PS - Gopalpur, District - Ganjam - 760011, Odisha*  
**Mobile: +91-72055 55383, Email: r n p\_1994@yahoo.com**



### Notice Inviting Retender

Ref No: SFURTI/KANTILO/MACHINERY- 2/2020-21

Date: 06.04.2021

**RAGHUNATH PATHAGARA** at - House No-29,Seven Hills City, Post – Ambapua, Via-Berhampur, Dist-Ganjam, Odisha, Pin Code-760011 , invites tender in a sealed cover under two bid system i.e. Technical Bid & Financial Bid from Manufacturers, Authorized distributors for supply of machineries and equipment's for establishment of Common Facility Centre for **KANTILO BELL METAL & WOOD CLUSTER** on behalf of **NILAMADHAB BELL METAL AND WOOD CLUSTER SPV TRUST (SPV)** at Panu Sahoo Patna, Post- Kantilo, Via- Khandapada, Dist- Nayagarh, Odisha.

Date of Commencement of Retender	Last date of and time of submission of tender	Date & Time for opening of Tender	Cost of tender paper
<b>06.04.2021</b>	<b>27.04.2021</b> at 5:00 pm	<b>28.04.2021</b> at 11.00 am	<b>Rs. 10,000/-</b>

A complete set of the Bid documents containing the details of the terms and conditions may be downloaded from the website: [www.raghunathpathagara.com](http://www.raghunathpathagara.com) and [www.cttc.gov.in](http://www.cttc.gov.in) the same can be submitted along with cost of tender paper on shape of Bank Draft. Any corrigendum/ addendum/ information related to this NIT will only be uploaded in **RAGHUNATH PATHAGARA** website which will not be published in Newspapers. The authority reserves the right to accept / reject any part or all the bids without assigning any reason thereof. The authority has the right to increase/ decrease / cancel the quantity without assigning any reason thereof.

**PRESIDENT**

**RAGHUNATH PATHAGARA**

**CENTRAL TOOL ROOM AND TRAINING CENTRE (CTTC)**  
B-36, Infocity Road, Chandaka Industrial Area, KIIT University,  
Bhubaneswar, Odisha 751024  
Ph: 0674- 3011755  
Website: [www.cttc.gov.in](http://www.cttc.gov.in)

**RAGHUNATH PATHAGARA**  
House No-29, Seven Hills City, P.O. AMBAPUA, VIA-BERHAMPUR  
DIST-GANJAM, ODISHA, PIN-760011  
Ph: +91-7205555383  
Website: [www.raghunathpathagara.com](http://www.raghunathpathagara.com)

**TENDER DOCUMENTS**  
For  
**SUPPLY, INSTALLATION AND TRIAL RUNNING OF MACHINERIES AND  
EQUIPMENTS**

To Establish:  
**COMMON FACILITY CENTRE (CFC) OF  
NILAMADHAB BELL METAL AND WOOD CLUSTER SPV TRUST (SPV)**  
At KANTILO, KHANDAPADA, NAYAGARH, ODISHA

**APRIL 2021**



**M/s. RAGHUNATH PATHAGARA**  
Implementing Agency, Kantilo Bell Metal & Wood Cluster,  
House No.29, Seven Hills City, Post Ambapua, Via Berhampur,  
PS - Gopalpur, District - Ganjam - 760011, Odisha  
Mobile: +91-72055 55383, Email: r n p\_1994@yahoo.com



### RETENDER NOTICE

**(Supply, Installation and trial running of the machineries and equipments for NILAMADHAB BELL METAL AND WOOD CLUSTER SPV TRUST at KANTILO, Khandapada, Nayagarh, Odisha)**

Sealed retenders are invited from Manufacturers, Authorized distributors for supply of machineries and equipments ) for establishment of Common Facility Centre at: **KANTILO, Khandapada, Nayagarh, Odisha** being facilitated by **RAGHUNATH PATHAGARA House No-29, Seven Hills City, P.O. AMBAPUA, VIA-BERHAMPUR, DIST-GANJAM, ODISHA, PIN-760011**. Tender should be submitted in double bid system (technical and financial bid separately) along with earnest money of **Rs. 6,35,890 (Rupees Six Lakhs Thirty Five Thousand Eight Hundred Ninety Only)** if bidding for all the tendered machines. If bidding for the packages then the following amount needs to

	EMD
PACKAGE-1	1,70,285/- (One Lakh Seventy Thousand Two Hundred Eighty Five Only)
PACKAGE-2	1,80,994/- (One Lakh Eighty Thousand Nine Hundred Ninety Four Only)
PACKAGE-3	2,49,002/- (Two Lakh Forty Nine Thousand Two Only)
PACKAGE-4	35,609/- (Thirty Five Thousand Six Hundred Nine Only)

be deposited at the following address **RAGHUNATH PATHAGARA House No-29, Seven Hills City, P.O. AMBAPUA, VIA-BERHAMPUR, DIST-GANJAM, ODISHA, PIN-760011** up to **05.00 PM of Dt. 27.04.2021**. Retenders received will be opened in the presence the Working Committee of the proposed Common Facility Centre on **Dt. 27.04.2021** at 11.00 AM.

This is a percentage-based tender. Tender form can be obtained from the office i.e. **RAGHUNATH PATHAGARA House No-29, Seven Hills City, P.O. AMBAPUA, VIA-BERHAMPUR, DIST-GANJAM, ODISHA, PIN-760011** on any working day between **Dt. 06.04.2021** to **Dt. 27.04.2021** from 10.00 AM to 05.00 PM by payment of Rs. 10,000/-. Tender forms can also be downloaded from the website of **RAGHUNATH PATHAGARA** i.e. [www.raghunathpathagara.com](http://www.raghunathpathagara.com) and [www.cttc.gov.in](http://www.cttc.gov.in) A demand draft of Rs. 10,000/- purchased in favor of **"RAGHUNATH PATHAGARA"** should be enclosed along with the Technical Bid for the Retender Forms downloaded from the website. The details of works and Terms and Conditions are available in the Retender Form. President, **RAGHUNATH PATHAGARA** reserves the right to cancel any or all the Retenders without assigning any reason.

PRESIDENT

RAGHUNATH PATHAGARA

**RETENDER FORM**

**(Supply, Installation and trial running of the machinery and equipment for NILAMADHAB BELL METAL AND WOOD CLUSTER SPV TRUST at KANTILO, Khandapada, Nayagarh, Odisha)**

Retender Form is issued to:-

Date of issue of retender

form:-

Signature of issuing authority

**Terms and Conditions:**

- 1- The minimum turnover of the Tender firm for the last 3 years should be above Rs. 6 Crores and minimum more than three times the package values if bidding for individual packages or sum of more than one packages for the last 3 financial years.
- 2- The Tender firm should have minimum three-year experience in supply of Handicrafts or related machinery as in the retender documents and necessary evidence in the form of Invoice/ Work Orders need to be furnished.
- 3- Tenderers must have Manufacturing Trade License, in case of Manufacturer and Dealership Certificate in case of Authorized Dealer. Tenderers must be an ISO 9001-2015 Certified Company. **The MSMEs registered bidders will be exempted from EMD and Prior Sectorial Experience as per the Govt. rules.**
- 4- The retender should be submitted in the prescribed tender form.
- 5- Retenders must submit Pan Card, Audited IT Return and balance sheet for last three years, GST Registration Certificate & last month Challan of Professional Tax Return.
- 6- Retender form can be obtained from the regd. office i.e. **RAGHUNATH PATHAGARA, House No-29,Seven Hills City, P.O. AMBAPUA, VIA-BERHAMPUR, DIST-GANJAM, ODISHA, PIN-760011** on any working day between Dt. **06.04.2021 to Dt.27.04.2021 from 10.00 AM to 05.00 PM** by payment of **Rs. 10,000/-**. Retender forms can also be downloaded from the website of **RAGHUNATH PATHAGARA** i.e. [www.raghunathpathagara.com](http://www.raghunathpathagara.com) and [www.cttc.gov.in](http://www.cttc.gov.in). A demand draft of **Rs. 10,000/-** purchased in favor of "RAGHUNATH PATHAGARA" should be enclosed along with the Technical Bid for the Retender Forms downloaded from the website.

Retender form should be deposited in separate envelopes containing **Technical Bid consisting of EMD, Technical details and other documents as per point no 1 to 5 and Financial Bid consisting of all-inclusive price bid**. Earnest money of **Rs. 6,35,890 (Rupees Six Lakhs Thirty Five Thousand Eight Hundred Ninety Only)** if bidding for all the tendered machines. If bidding for the packages then the

following amount needs to

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PACKAGE-1	1,70,285/- (One Lakh Seventy Thousand Two Hundred Eighty Five Only)
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be deposited at following address **RAGHUNATH PATHAGARA, House No-29, Seven Hills City, P.O. AMBAPUA, VIA-BERHAMPUR, DIST-GANJAM, ODISHA, PIN-760011** on or before 05.00 pm of **27.04.2021**. Earnest money can be paid through DD enclosed with the technical bid purchased in favor of "**RAGHUNATH PATHAGARA**". Exempted bidder should submit the supporting documents. The tender received will be opened in the presence of the Working Committee on **28.04.2021 at 11.00 am**.

- 7- Re tenderers should submit their Bid in Two Cover – **Technical Bid and Financial Bid**. Envelope containing Technical Bid should be super-scribed as **TECHNICAL BID** and Envelope containing Financial Bid should be super-scribed as **FINANCIAL BID**. Both the Bids should be sealed in one envelope supersized as Retender for "**Supply, Installation and trial running of the machinery and equipment for NILAMADHAB BELL METAL AND WOOD CLUSTER SPV TRUST at KANTILO, Khandapada, Nayagarh, Odisha**" & should be deposited at following address **RAGHUNATH PATHAGARA, House No-29, Seven Hills City, P.O. AMBAPUA, VIA-BERHAMPUR, DIST-GANJAM, ODISHA, PIN-760011** on or before **05.00 pm of 27.04.2021**.
- 8- Retenders received without earnest money will not be accepted. Earnest money can be paid through DD or BG purchased in favour of "**RAGHUNATH PATHAGARA**". Exempted bidder should submit relevant supporting documents (Declaration, Certificate of Exemption with Udyog Aadhar Number). Only NSIC or MSME certified bidders will be exempted from paying EMD.
- 9- The Technical Bid will be opened and considered first. The financial Bid of only eligible firms/agencies will be opened.
- 10- The tendered firm should submit retender for the whole or part of the items mentioned as per the annexure. However, preference will be given for those firms which can supply all the mentioned items. Bidders quoting for the part of the items needs to submit the EMD @ 2% of the quoted items.
- 11- Technical Bid/ Financial Bid cannot be withdrawn after opening it. Earnest money can be forfeited in case of withdrawal of bid or not completing the work.

- 12- The Prices quoted must be on FOR basis. The tender should include GST, insurance, freight, installation and commissioning of equipment, at destination site but should be shown separately.
- 13- If the items supplied are not found as per specifications or unsatisfactory the payment of whole or equivalent amount can be withheld.
- 14- Affidavit of not being blacklisted by Govt. Of India/Public Sector/Private Sector for which they have executed their works.**
- 15- The party has to enter into an agreement with **NILAMADHAB BELL METAL AND WOOD CLUSTER SPV TRUST** on the Stamp Paper of Rs. 100/- on prescribed Performa.
- 16- **PRESIDENT, RAGHUNATH PATHAGARA** reserves the right to accept the bid partially/in full or may reject any or all the bids without assigning any reason.
- 17- The maximum time frame given for supply of machinery, installation, and training is 120 days.
- 18- Timeline or Action plan for supply and setting up of machine at the CFC should be provided by the tenderer.
- 19- All disputes arising in connection with the contract conducted shall be within the jurisdiction of the Bhubaneswar Court.
- 20- **Liquidated Damage:** 0.5% of the contract value for every 15 days of delay subject to a max 10% of contract value shall be deducted if delayed beyond the agreed delivery period.
- 21- Security deposit of 3% of the contract value to be deposited in shape of DD/BG (valid for 14 months including the 60 days beyond the defect liability period) within 15 days of award of contract. Same shall be returned after successful completion of defect liability period.
- 22- Warranty period of 2 years with spares on machinery shall be provided along with three months operational support.**
- 23- **Declaration:-** I do here by agree to abide by all the terms and conditions mentioned above.

(Signature of the authorized person/proprietor)

Name:

Designation:

Name of firm:

Phone/Mob No:

Seal of the firm

## RETENDER FORM

(Supply, Installation and trial running of the machinery and equipment for NILAMADHAB BELL METAL AND WOOD CLUSTER SPV TRUST at KANTILO, Khandapada, Nayagarh, Odisha)

Retender Form issued to : \_\_\_\_\_

Date of issue of retender form :- \_\_\_\_\_

Signature of issuing authority

## Technical Bid: Part – 1 Description of Work

## Check List to be submitted

Sl.No	Particulars	Annexure	Page No
01	Money Receipt / Demand Draft for Tender Document	I	
02.	Demand Draft towards EMD	II	
03.	Manufacturing Trade License in case of Manufacturer	III	
04.	Dealership Certificate in case of Authorized Dealer	IV	
05.	ISO Certification	V	
06.	Registration Certificate of GST	VI	
07.	Last Month Challan of GST	VII	
08.	Pan Card	VIII	
09.	Affidavit (Not Blacklisted)	IX	
10.	Turn Over (Certified by Chartered Accountant)	X	
11.	Balance Sheet for last 3 Financial years (2017-18, 2018-19 and 2019-20)	XI	
12.	Copies of Income Tax Returns (AY 2018-19, AY 2019-20 and AY 2020-21)	XII	
13.	Minimum Three Years Past Experience in supply of Handicrafts or related Machinery as in the retender documents and necessary evidence in the form of Invoice / Purchase Order need to furnished	XIII	
14.	Action Plan for setting up of Machinery	XIV	

Signature of issuing authority

SERIAL NO	NAME OF THE MACHINE	QUANTITY	SPECIFICATIONS
<b><u>PACKAGE-1</u></b>			
1	CNC wood carving	1	<p><b><u>As per minimum requirements</u></b></p> <p>CNC WOOD CARVING MACHINE  Work table area (mm)1300 X 3010 X, Y, Z  Maximum working area (mm) 1300 X 2500 X 300  Cutting speed (mm/m) 35mtr. / min  Min height for material (mm)300  Min width for material (mm)1350 X, Y, Z,  Slide way Linear ball bearing profile rails, X Y Rack and pinion Z  Lead screw  Drive system Advanced Digital Micro Step Drivers  Drive motor Advanced Digital Micro Step Motors  Spindle 3500W aircool  Spindle rotating speed (rpm) 6000-18000  Power consumption (W) Minimum 300 to 500 W  Options Vacuum table, Dust collector, Larger power spindle</p>
2	Router	2	<p><b><u>As per minimum requirements</u></b></p> <p>MANUAL ROUTER  Equipped with pushing button for easy bit change,  collect chuck 12mm,900w,25,000rpm,3.3kg</p>
3	Wood Cutter	3	<p><b><u>As per minimum requirements</u></b></p> <p>WOOD CUTTER/CIRCULAR SAW  Blade dia 190mm,max cut depth 68mm @ 90 degree and 46mm @45 degree ,5500rpm,3.4kg</p>
4	Wood Sander	2	<p><b><u>As per minimum requirements</u></b></p> <p>WOOD SANDER MACHINE  Sanding paper &amp; pad size 125mm,orbital dia 3.2mm,230w,12,000rpm, 1.4kg</p>
5	Lamination Machine, Hot Chamber, Sealing	1	<p><b><u>As per minimum requirements</u></b></p> <p>(Shrink wrapping machine).  Used for shrinkable films (PE,POF,PVC).  2 separate units. One hot chamber for shrinking and other one for sealing.  Size: 18"/10".  POWER:7KW</p>



6	Wood hand Planers	5	<p><b><u>As per minimum requirements</u></b></p> <p>Electric Planner  Max Cutting Depth : 90 mm  Power Input : 850 W  No Load (RPM) : 13000 RPM  Frequency : 50 Hz</p>
7	Hand Saws	10	<p><b><u>As per minimum requirements</u></b></p> <p>HAND SAW.18"  Hand Saw with Comfort Grip Handle Precision Double Ground Nickel Chromium Steel Hand Saw.</p>
8	welding machine	2	<p><b><u>As per minimum requirements</u></b></p> <p>No-load Voltage (V) 60V  Weight (kg) Approx 13.5 kg  Frequency (Hz) 50 / 60 Hz  Power Factor 0.93  Efficiency (%) 85%  Rated Input Current (A) 13A</p>
9	CNC laser engraving machine	1	<p><b><u>As per minimum requirements</u></b></p> <p>Laser Type CO2  Operation Mode Automatic, Semi-Automatic  Compatible Software BMP,GIF,JPEG,PCX,TGA,TIF F,PLT,CDR,DWG,DXF  Cooling Mode Industrial Chiller  Engraving Area 1300*910 LASER POWER 100 W</p>
10	Engraving machine electric controller, stabilizer	1	<p><b><u>As per minimum requirements</u></b></p> <p>Engraving machine electric controller, stabilizer :Automation Grade Automatic  Efficiency 98%  Material Iron, MS, etc  Power 100 KVA  Input Voltage 170-480V  Phase Three Phase</p>
11	Circular saw	1	<p><b><u>As per minimum requirements</u></b></p> <p>CIRCULAR SAW  Blade dia 190mm,max cut depth 68mm @ 90 degree and 46mm @45 degree ,5500rpm,3.4kg</p>
12	Professional cordless drill	2	<p><b><u>As per minimum requirements</u></b></p> <p>Battery Voltage (Volts) 14.4 V  Type of Power Tool Drill  Screw Diameter 8 mm  Battery Capacity 1.5 Ah Max lock torque: 47Nm 0-1,200rpm,1.6kg</p>

13	Wood cutter machine chain saw	3	<b>As per minimum requirements</b> Engine 2 Stroke Forced Air Cool Displacement 58 CC Rated Power 2.5 KW (3.5 HP) RPM 8500 Front and rear handles with soft grip, bar size: 400mm,2000w,chain speed: 14.5m/s,5.5kg
14	Wood planer machine	1	<b>As per minimum requirements</b> Min Planing Width 82 mm or more Height 173 mm or more Length 284 mm or more
15	Pedestal Fan	6	<b>As per minimum requirements</b> Voltage (Volt) 240 Wattage (W) 75 Number Of Blade 3 Frequency (Hz) 50-60 Type: Pedestal Fan 18 inch Motor Speed: 1440 RPM Power Consumption: 80 W Blade Sweep Size: 450 mm Number of Speed Settings: 3 Pedestal Fan (Black/green) Power Requirement 220-240V~50Hz Tilting Angle 80 degree Swing 160 degree Blade Material Aluminum Die Casting
16	Electrical panels	1	<b>As per minimum requirements</b> System voltage (max.)12 kV-36 kV. Rated voltage H :11 kV 33 kV. Rated voltage LV: 433 - 250 V*,433 - 250 V*. Frequency:50 Hz +/- 5%* 50Hz+/-5%. No of Phases:3
17	saw dust pallet making machine	1	<b>As per minimum requirements</b> Saw dust pallet making machine with 15HP motor. 5.5kW, Capacity: 50-100kg.Weight:95/110 Size: 800x450x700.
<b><u>PACKAGE-2</u></b>			
18	Stabilizer	4	<b>As per minimum requirements</b> Display Digital Power 2KVA Phase Single Input Voltage 50V-260V
19	CNC Metal engraving machine	1	<b>As per minimum requirements</b> CNC METAL ENGRAVING MACHINE  Work table area (mm)1300 X 3010 (Minimum) X, Y, Z Maximum working area (mm) 1300 X 2500 X 300

			<p>Cutting speed (mm/m)35mtr. / min  Min height for material (mm)300  Min width for material (mm)1350  X, Y, Z, Slide way Linear ball bearing profile rails, X Y Rack and pinion Z Lead screw</p> <p>Drive system Advanced Digital Micro Step Drivers</p> <p>Drive motor Advanced Digital Micro Step Motors</p> <p>Spindle 4000W aircool  Spindle rotating speed (rpm) 6000-18000  Power consumption (W) 400w  Weight (kg) 1100</p> <p>Options Vacuum table, Dust collector, Larger power spindle</p>
20	Electric controller capacitor stabilizer	1	<p><b><u>As per minimum requirements</u></b></p> <p>Electric controller capacitor supporting CNC machine with</p> <p>Drive motor Advanced Digital Micro Step Motors  Spindle 4000W aircool  Spindle rotating speed (rpm) 6000-18000  Power consumption (W) 400w  Weight (kg) 1100</p>
21	Insulated combination cutting plier (1621-8)	6	<p><b><u>As per minimum requirements</u></b></p> <p>COMBINATION CUTTING PLIER  Carbon Steel  Size: 8 Inch  Type: Combination Plier  Grip Material: Polypropylene</p>
22	COMBINATION PLIER (8 INCH)	5	<p><b><u>As per minimum requirements</u></b></p> <p>COMBINATION PLIER (8 INCH).  Single color sleeve  Usage/Application: Industrial  Model Name/Number: 70-461  Material: Full body hardened (C45), Induction hardened and Tempered  Black (Jaw and cutting edge)  Size: 8 inch (205 mm)</p>
23	Claw hammer	10	<p><b><u>As per minimum requirements</u></b></p> <p>Claw hammer. Iron  Type Of Hammer: Claw Hammer  Handle Material: wood Handle  Face Diameter: 10-15mm</p>

24	High Speed Super Fine Machine	1	<b><u>As per minimum requirements</u></b> High speed superfine polishing machine. Mild Steel Power: 2 hp Speed: 1440 Load: 1.5 Kw
25	wood carving electric controller	1	<b><u>As per minimum requirements</u></b> Wood carving electric controller supporting 3500W aircool Spindle rotating speed (rpm) 6000-18000 Power consumption (W) 400w Weight (kg)1100 of CNC
26	Drawing designing and command center	3	<b><u>As per minimum requirements</u></b> Drawing designing and command center, Memory: 1600 MHz DDR3, 8gb. Processor:3.2 Ghz, Intel core i5, Graphics: NVIDIA Geforce GT 755m 1024mb. Software: OSX 10.8.5 (12F2560)
27	Electric testers	6	<b><u>As per minimum requirements</u></b> Material: Steel Usage/Application: Industrial Length: 180 mm Cover Material: PVC Plastic
28	Polishing Machine	1	<b><u>As per minimum requirements</u></b> 2.25 Kw. Weight: 120 kg Automation Grade: Manual Frequency Range: 50-60Hz
29	Hand Engraving machine with different bit	2	<b><u>As per minimum requirements</u></b> HAND ENGRAVING MACHINE Automation Grade: Manual Voltage: Single phase Stroke Speed: 7200 strokes / min
30	Stand Drilling Machine ,milling machine	1	<b><u>As per minimum requirements</u></b> DRILLING CUM MILLING MACHINE Heavy duty, Precision Drilling-cum-Milling Machine having cap. of drilling in steel 40mm., Face Milling 100mm. and End Milling 25mm. with 8 No. Spindle speeds duly fitted with table size 435mm x 200mm, reversible switch, motor pulley & V-belt but without electricals.
31	Jig Saw	1	<b><u>As per minimum requirements</u></b> Power Consumption 450 W Stroke Rate Under Load 800 - 3,100 spm Volt 230V
32	Lathe machine	2	<b><u>As per minimum requirements</u></b> 6FT LATHE MACHINE Heavy duty, precision quality, CENTRE LATHE M/C., fitted with 3-speeds semi-norton gear box, head stock fitted with Tapper Roller Bearings,

			complete with all std. access., but without electricals, Machine having length of bed 6ft, width of bed 14ft, ht.ofcentre 12ft,
33	Rotary Tool	5	<b><u>As per minimum requirements</u></b> ROTARY TOOL Upto 2500 Rpm Load Speed (rpm): 5000 to 35000.Packing: Box
34	Designing & command unit	1	<b><u>As per minimum requirements</u></b> NVIDIA GeForce GT755m 1024mb.27inch. Intel HD Graphics 5000 1536 MB
35	Heavy duty Power Drill, Carbide triple core cutter	1	<b><u>As per minimum requirements</u></b> CORE CUTTER 35 mm Load Speed: 600 rpm Voltage: 240 V Power Consumption: 850 W
36	Automatic Screw Drivers machine	2	<b><u>As per minimum requirements</u></b> Bit Holder: 1/4 Inch hexagon socket No Load Speed: 0 - 1300 / 0 - 2600 rpm (1 st ) Voltage: 4.8 V or more Torque: 3.5 Nm Battery Type 1.2 V. Nicd Product Dimensions (LxBxH) 28.5 x 27 x 6 cm Charging Time 3-5 hours

### **PACKAGE-3**

1	MOULDING BHATI	2	<b><u>As per minimum requirements</u></b> MATERIAL LOADING CAPACITY-500 KG, 48KW 3 PHASE, MELTING TIME- UPTO 3 HOURS
2	ELECTRIC BLOWER	2	<b><u>As per minimum requirements</u></b> CAPACITY OF MOTOR- 2 HP Material Cast Iron Voltage 200-240V Rated Power 1.5KW Maximum Air Delivery 210/255m3/h Maximum Vacuum -200/-220mbar Frequency 50/60 Hz
3	MOULDING IRON BOX	50	<b><u>As per minimum requirements</u></b> 400mmx520mm to 1000mmx1200mm Steel Fabricated, Single/Double Corrugation for extra strength
4	ANVIL	25	<b><u>As per minimum requirements</u></b> CAST IRON ANVIL Material Cast Iron Weight 25kg
5	MOULDING FRAME	20	<b><u>As per minimum requirements</u></b> MATERIAL: MILD STEEL FRAME, CORROSION RESISTANCE

6	SCRAP CUTTING SHEARING MACHINE	1	<b><u>As per minimum requirements</u></b> BLADE MATERIAL- MILD STEEL, CAPACITY-3.5-4.5 TON/DAY, WEIGHT- 3000 KG, MOTOR POWER-5HP, 3 PHASE,
7	STAND DRILLING MACHINE	2	<b><u>As per minimum requirements</u></b> SPINDLE TO COLUMN-400MM, CHUCK TO BASE-1500MM, CHUCK TO WORK TABLE-700MM, THREE PHASE MOTOR
8	LATHE MACHINE(METAL WORKS)	2	<b><u>As per minimum requirements</u></b> SWING OVER BED-180MM, DISTANCE BETWEEN CENTRES-300MM, HOLE THROUGH SPINDLE-20MM, SPINDLE TAPER-MT3, TAILSTOCK TAPER-MT2, SPINDLE SPEED LOW RANGE- 0-1100RPM, HIGH RANGE- 0-2500 RPM, OUTPUT POWER-250W, RANGE OF THREADS-METRIC 0.4-2 MM (10 THREAD PITCHES) OR IMPERIAL 12-52 TP (8 THREAD PITCHES), WEIGHT-40 KG
9	ELECTRIC THREADING MACHINE	2	<b><u>As per minimum requirements</u></b> 0.5-4 INCH, 1500 WATT, 24 RPM, DIMENSION- 100X70X63 INCH
10	STEEL RAN DAS/PLANER MACHINE	20	<b><u>As per minimum requirements</u></b> 650 W, PLANING WIDTH-82MM, PLANING DEPTH- 0-2.6 MM, WEIGHT- 2.8 KG, ADJUSTABLE REBATING DEPTH- 0-9MM, NO LOAD SPEED- 165000RPM, DIMENSION- 280X158X140 MM
11	VIBRO METAL POLISHING MACHINE	1	<b><u>As per minimum requirements</u></b> 3 HP MOTOR, SEMI-AUTOMATIC MACHINE, TO REMOVE DRAWL FROM FROM SHARP CORNORS, DEBURRING AND POLISHING METAL COMPONENTS
12	GRINDING MACHINE	3	<b><u>As per minimum requirements</u></b> NO LOAD SPEED-3000/3600 RPM, DISC DIAMETER-150 MM, RATED INPUT POWER-350 W, GRINDING DISC BORE-20MM, GRINDING DISC WIDTH-20MM, WEIGHT-10 KG
13	OXYGEN GAS CYLINDER	1	<b><u>As per minimum requirements</u></b> WITH DOUBLE REGULATOR & HUSS PIPE & ALL ACCESSORIES, CYLINDER CAPACITY-46.7 LTR, WORKING PRESSURE-150 BAR, MATERIAL-STAINLESS STEEL, DOUBLE REGULATOR-CONNECTIONS-INLET-5/8 INCH BSP R/H(MALE), OUTLET- 3/8 INCH BSP R/H (MALE), MAX OUTLET PRESSURE-10 BAR, FLOW-1000L/MIN, MAX INLET PRESSURE-300 BAR
14	DA GAS CYLINDER	1	<b><u>As per minimum requirements</u></b> WITH DOUBLE REGULATOR & HUSS PIPE & ALL ACCESSORIES,CYLINDER CAPACITY-41 LTR, WORKING PRESSURE-150 BAR, MATERIAL-IRON, DOUBLE REGULATOR-CONNECTIONS-INLET-5/8 INCH BSP R/H(MALE), OUTLET- 3/8 INCH BSP R/H (MALE), MAX OUTLET PRESSURE- 10 BAR, FLOW-1000L/MIN, MAX INLET PRESSURE-300 BAR
15	BUFFING POLISHING MACHINE	5	<b><u>As per minimum requirements</u></b> 2 HP, 3 PHASE LINE, NO LOAD SPEED-2800 RPM, FREQUENCY-50Hz, 440 V, WEIGHT-65 KG
16	ENGRAVING CHISELING PEN	25	<b><u>As per minimum requirements</u></b> SET OF 12 PC, DIMENSION- 22.1X15.7X2.5CM FOR 1 SET, 700 GM, CENTER PUNCH-1/4&5/16 INCH, STARTER- 3/32 INCH, PIN- 1/16,1/8,5/32,3/16,1/4 INCH, PRICK-3/8 INCH, COLD CHISEL-1/2,5/8

			INCH
17	HYDRAULIC PRESS MACHINE	1	<b>As per minimum requirements</b> 40 TON, BASE SIZE 26", AUTO, 10 HP MOTOR, DIMENSIONS- 8X6 FEET
18	CIRCLE CUTTING MACHINE	1	<b>As per minimum requirements</b> MAXIMUM CUTTING THICKNESS-1MM, THREE PHASE, 380-440 V, 50/60 Hz, AUTOMATIC, PAINT COATED
19	DIAS	FULL SET	<b>As per minimum requirements</b> KONARK WHEEL (10", 8", 6" WITH BASE AND HORSE), BELL UTENSIL (PLATE, GLASS, SPOON), FLOWER VASE (12", 10", 6", 8"), MIRROR FRAME DIFFERENT SIZE, DIFFERENT SIZE SCLUPTURES, DIFFERENT SIZE BIRDS & ANIMALS
20	NICKELING TANK	1	<b>As per minimum requirements</b> MATERIAL-SS304, 10000 LTR PUMPING, 2HP MOTOR WITH PIPELINE
21	HEAT CHAMBER	1	<b>As per minimum requirements</b> 20X20 FEET CHAMBER WITH ASPIRATION BLOWERS, WITH HEAT LINE, WITH CYCLONE
22	COLOUR SPRAY MACHINE	1	<b>As per minimum requirements</b> 20 HP BLOWER, POINTED GUN SPRAY UNIT, INCLUDING COMPRESSOR WITH PIPELINES & DUCTING LINE
<b>PACKAGE- 4</b>			
23	HAND BLOWER	2	<b>As per minimum requirements</b> 3.5 CUBIC METER/MIN, 16000 RPM, 620 WATT Air Blower Weight :1.7 kg Cord Length :2 m Voltage :230 V
24	MOULDING WOODEN BOX	5	<b>As per minimum requirements</b> 350mmx500mm to 1000mmx1200mm MATERIAL: WOODEN
25	MOULDING SAND	50	<b>As per minimum requirements</b> SILICA OXIDE REGULAR FINE, BELOW 2MM, 50KG BAGS
26	SANDUASI	100	<b>As per minimum requirements</b> Material- Stainless Steel, 12 inch long
27	HAMMER	10	<b>As per minimum requirements</b> HEAD WEIGHT-1-3.5 KG, HANDLE LENGTH-15-30 INCH
28	IRON CHISEL	5	<b>As per minimum requirements</b> MATERIAL: STEEL, LENGTH-100-200MM, DIFFERENT SHAPES
29	IRON PATTI	1000	<b>As per minimum requirements</b> 1000 KG, SINGLE PIECE LENGTH-6 METER,

			MATERIAL- MILD STEEL, TENSILE STRENGTH-410 MPA
30	WATER TANK FOR MOULDING SECTION	2	<b><u>As per minimum requirements</u></b> 5000 LTR, 30FT PIPE LINE, DOUBLE LAYERED, MATERIAL-PLASTIC
31	STEEL BIT	50	<b><u>As per minimum requirements</u></b> DIA- 1-10 MM, FOR METAL DRILLING, LOW RISK OF BREAKAGE
32	FILES	30	<b><u>As per minimum requirements</u></b> MATERIAL-STEEL, DIFFERENT SHAPES(S,M,L)
33	ANGLE GRINDER	5	<b><u>As per minimum requirements</u></b> 900 WATT, 4 INCH DISC, WEIGHT-2.3 KG
34	HAND DRILLING MACHINE	3	<b><u>As per minimum requirements</u></b> NO LOAD SPEED- 4000RPM, IMPACT RATE AT NO LOAD SPEED-60000 BPM, WEIGHT-3KG
35	BENCH VICE	6	<b><u>As per minimum requirements</u></b> CAST IRON, FIXED BASE, DIFFERENT SIZE JAW OPENING
36	THREADING MACHINE(HAND OPERATED)	5	<b><u>As per minimum requirements</u></b> MANUAL, HAND OPERATED, THREADING MACHINE SIZES- 3/16"-3/4", 5/16"-1/2",3/4"-1"
37	CENTER PUNCH	30	<b><u>As per minimum requirements</u></b> POINT SIZE- 2-6MM, BODY DIA- 8-12MM
38	SLY WRENCH	2	<b><u>As per minimum requirements</u></b> HEAVY DUTY, 1.6 KG, LENGTH- 350MM
39	SCREWDRIVER	50	<b><u>As per minimum requirements</u></b> STAINLESS STEEL, BLADE DIAMETER-6 MM, BLADE LENGTH- 250 MM, TIP DIMENSION- 6X0.8 MM
40	THREADING TAP/DIA	100	<b><u>As per minimum requirements</u></b> MATERIAL- HIGH STRENGTH STEEL, 2-100 MM DIAMETER
41	THREADING BIT	100	<b><u>As per minimum requirements</u></b> MATERIAL- HIGH STRENGTH STEEL, DIAMETER- 1-100 MM
42	HACKSAW FRAME WITH BLADE	50	<b><u>As per minimum requirements</u></b> MATERIAL-STEEL, 41.8X2X14.8 CM
43	PLIERS	50	<b><u>As per minimum requirements</u></b> MATERIAL-STEEL, 12INCH, WEIGHT-400 GMS



44	GRINDING STONE	20	<b><u>As per minimum requirements</u></b> DISC DIAMETER-150 MM, GRINDING DISC BORE-20MM, GRINDING DISC WIDTH-20MM
45	BRASS ROD	250	<b><u>As per minimum requirements</u></b> LENGTH-3 METER, NON FERROUS BRASS RODS, TOTAL QUANTITY-250 KG
46	IRON PLATE	500	<b><u>As per minimum requirements</u></b> 15 INCH X 15 INCH, THICKNESS-10 MM
47	CYLINDER OPENING KEY	2	<b><u>As per minimum requirements</u></b> NICKEL COATED STEEL, FOR OPENING OXYGEN&DA CYLINDER
48	SAFETY GLASS WITH GLOVES	12	<b><u>As per minimum requirements</u></b> 99.9% UV PROTECTED, HARD COATED FOR SCRATCH RESISTANCE, NYLON GLOVES WITH LATEX COATING
49	ELECTRIC HAND POLISHER	5	<b><u>As per minimum requirements</u></b> 1250 WATT, SPINDLE THREAD-M 14, RUBBER SANDING PLATE DIAMETER- 180MM, NO LOAD SPEED- 750- 3000 RPM, WEIGHT-2.5 KG, DIMENSIONS- 490X80X225 MM
50	BUFF (KAPADA)	200	<b><u>As per minimum requirements</u></b> 6 INCH, NYLON FIBER WHEEL
51	STONE POLISH BIT	100	<b><u>As per minimum requirements</u></b> SHAPES- CYLINDRICAL SPHERICAL, TAPPED, DIAMETER- 10-30 MM
52	POLISHING MASALA	500	<b><u>As per minimum requirements</u></b> 500 PC, PACKAGING SIZE-325 GM, COLOUR- BROWN, MATERIAL TYPE- SOLID
53	PLASTIC TUB	10	<b><u>As per minimum requirements</u></b> DIMENSION- 24X18X24 INCH, FLEXIBLE AND VERY STRONG
54	HAND GLOVES	50	<b><u>As per minimum requirements</u></b> NYLON GLOVES WITH LATEX COATING
55	IRON KADEI	5	<b><u>As per minimum requirements</u></b> MATERIAL-IRON, 30 INCH DIA, CAPACITY-12 LTR, COLOUR-BLACK

56	LONG WOODEN TRAY	10	<b><u>As per minimum requirements</u></b> 3 FEET X 3 FEET, COLOUR- BROWN, WOOD-MANGO WOOD
57	ENGRAVING PEN	150	<b><u>As per minimum requirements</u></b> BATTERY POWERED, REQUIRES 2 AA BATTERIES, REPLACEABLE HARDENED CARBIDE OSCILLATING MICRO TIP
58	EMBOSSING PEN	50	<b><u>As per minimum requirements</u></b> POWER-60W, ADJUSTABLE TEMPERATURE-200- 450 C, SOLDERING IRON LENGTH- 19.5 CM, CORD LENGTH- 1.34 M, WEIGHT- 272GM, NO OF TIPS-20
59	LEAD SHEET	5	<b><u>As per minimum requirements</u></b> ROUND 9 INCH, 20 KG, THICKNESS 10MM
60	HAMMER	10	<b><u>As per minimum requirements</u></b> MATERIAL-STEEL, HEAD WEIGHT-1-3.5 KG, HANDLE LENGTH- 15- 30 INCH
61	ENGRAVING ELECTRIC PEN	5	<b><u>As per minimum requirements</u></b> BLOWS PER MINUTE- 32400, VIBRATION-7 M/SQ SEC, SOUND POWER-70dBa, LENGTH- 5.8 INCH, WEIGHT-0.35 KG, AIR INLET THREAD SIZE- 0.25 INCH

**Note: Technical Specifications, submitted by the tenderers, must match the Specifications the Organization have with them. This is required to evaluate the tenders received. In case of mismatch of Technical Specifications, Right of Acceptance /Rejection reserves with the PRESIDENT, RAGHUNATH PATHAGARA.**

**Part – 2            Details of firm/agency**

1. Name of Firm/Agency:
2. Registered Address of Firm/Agency:
3. Name & Phone No. of co-coordinator/contact person:
4. Type of Firm/Agency: Manufacturer/Authorized Dealer:
5. Year of Commencement of work of the Firm/Agency:
6. Turnover of Firm/Agency for the year 2018-19 or 2019-20:
7. Details of Human Resources: (Man power with the firm/Agency)
8. PAN of the Firm/Agency:
9. GST Registration Number:
10. Description of supply of similar items done in the past by Firm/Agency (Please enclose copies of work order/Invoices)

<b>Order Placed By</b>	<b>Order No. and Date</b>	<b>Description of Equipments</b>	<b>Value of Order</b>	<b>Time of Completion</b>

11. Affidavit of not being black listed by any organization in past: (Enclose Declaration)
12. Other details, (If any):
13. Detail of Earnest Money Deposit:
  1. D.D. No. :
  2. Date:
  3. Amount:
  4. Name of the issuing bank :

14. If the Tender Form is downloaded from the **RAGHUNATH PATHAGARA** website i.e. [www.raghunathpathagara.com](http://www.raghunathpathagara.com) an amount of Rs. 10,000 (Rs. Ten Thousand) is essential to be deposited in the form of DD enclosed with the technical bid. The details of such amount:

1. D.D. No.
2. Date :
3. Amount :
4. Name of the issuing bank :

**Declaration :-**

**I hereby declare that the information given in the technical bid is true and correct and I hereby accept all the terms and conditions.**

Place :

Date :

Signature of the authorized person

Name:

Designation:

Name of firm & address:

Phone / Mobile No:

Seal of the firm:

**Form No. 3**

**TENDER FORM**

**(Supply, Installation and trial running of the machinery and equipment for NILAMADHAB BELL METAL AND WOOD CLUSTER SPV TRUST at KANTILO, Khandapada, Nayagarh, Odisha)**

Tender Form issued to:- \_\_\_\_\_

Date of issue of tender form:- \_\_\_\_\_

**Signature of issuing authority**

**Financial Bid:**

SERIAL NO	NAME OF THE MACHINE	QUANTITY	PRICE
<b><u>PACKAGE-1</u></b>			
1	CNC WOOD CARVING	1	
2	ROUTER	2	
3	WOOD CUTTER	3	
4	WOOD SANDER	2	
5	LAMINATION MACHINE, HOT CHAMBER, SEALING	1	
6	WOOD HAND PLANERS	5	
7	HAND SAWS	10	
8	WELDING MACHINE	2	
9	CNC LASER ENGRAVING MACHINE	1	
10	ENGRAVING MACHINE ELECTRIC CONTROLLER, STABILIZER	1	
11	CIRCULAR SAW	1	
12	PROFESSIONAL CORDLESS DRILL	2	
13	WOOD CUTTER MACHINE CHAIN SAW	3	
14	WOOD PLANER MACHINE	1	

15	PEDESTAL FAN	6	
16	ELECTRICAL PANELS	1	
17	SAW DUST PALLET MAKING MACHINE	1	
<b><u>PACKAGE-2</u></b>			
18	STABILIZER	4	
19	CNC METAL ENGRAVING MACHINE	1	
20	ELECTRIC CONTROLER CAPACITOR STABILIZER	1	
21	INSULATED COMBINATION CUTTING PLIER (1621-8)	6	
22	VISKO 250 7 COMBINATIO N PLIER	5	
23	CLAW HAMMER	10	
24	HIGH SPEED SUPER FINE MACHINE	1	
25	WOOD CARVING ELECTRIC CONTROLER	1	
26	DSIGNING & COMMAND CENTRE	1	
27	DRAWING DESIGNNING AND COMMAND CENTER	3	
28	ELECTRIC TESTERS	6	
29	POISHING MACHINE	1	
30	HAND ENGRAVING MACHINE WITH	2	

	DIFFERENT BIT		
31	STAND DRILLING MACHINE ,MILLING MACHINE	1	
32	JIG SAW	1	
33	LATHE MACHINE	2	
34	ROTARY TOOL	5	
35	HEAVY DUTY POWER DRILL,CARBIDE TRIPPLE CORE CUTTER	1	
36	AUTOMATIC SCREW DRIVERS MACHINE	2	

**PACKAGE-3**

1	MOLDING VATI	2	
2	ELECTRIC BLOWER	2	
3	MOULDING IRON BOX	50	
4	ANVIL	25	
5	MOULDING FRAME	20	
6	SCRAP CUTTING SHEARING MACHINE	1	
7	STAND DRILLING MACHINE	2	
8	LATHE MACHINE(METAL WORKS)	2	
9	ELECTRIC THREADING MACHINE	2	
10	STEEL RAN DAS/PLANER MACHINE	20	
11	VIBRO METAL POLISHING MACHINE	1	
12	GRINDING MACHINE	3	



13	OXYGEN GAS CYLINDER	1	
14	DA GAS CYLINDER	1	
15	BUFFING POLISHING MACHINE	5	
16	ENGRAVING CHISELING PEN	25	
17	HYDRAULIC PRESS MACHINE	1	
18	CIRCLE CUTTING MACHINE	1	
19	DIAS (MALE & FEMALE)	FULL SET	
20	NICKELING TANK	1	
21	HITT CHAMBER	1	
22	COLOUR SPRAY MACHINE WITH CHAMBER	1	

#### PACKAGE-4

23	HAND BLOWER	2	
24	MOULDING WOODEN BOX	5	
25	MOULDING SAND	50	
26	SANDUASI	100	
27	HAMMER	10	
28	IRON CHISEL	5	
29	IRON PATTI	1000	
30	WATER TANK FOR MOULDING SECTION	2	
31	STEEL BIT	50	
32	FILES	30	
33	ANGLE GRINDER	5	
34	HAND DRILLING MACHINE	3	
35	BENCH VICE	6	
36	THREADING MACHINE(HAND OPERATED)	5	
37	CENTER PUNCH	30	
38	SLY WRENCH	2	
39	SCREWDRIVER	50	
40	THREADING TAP/DIA	100	

41	THREADING BIT	100	
42	HACKSAW FRAME WITH BLADE	50	
43	PLIERS	50	
44	GRINDING STONE	20	
45	BRASS ROD	250	
46	IRON PLATE	500	
47	CYLINDER OPENING KEY	2	
48	SAFETY GLASS WITH GLOVES	12	
49	ELECTRIC HAND POLISHER	5	
50	BUFF (KAPADA)	200	
51	STONE POLISH BIT	100	
52	POLISHING MASALA	500	
53	PLASTIC TUB	10	
54	HAND GLOVES	50	
55	IRON KADEI	5	
56	LONG WOODEN TRAY	10	
57	ENGRAVING PEN	150	
58	EMBOSSING PEN	50	
59	LEAD SHEET	5	
60	HAMMER	10	
61	ENGRAVING ELECTRIC PEN	5	

**Place :**

**Date :**

Signature of the authorized person

Name:

Designation:

Name of firm & address:

Phone /Mobile No.:

Seal of the firm: