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**Partnership in Progress Mission Foundation (PPMF)**

**New Lane, Bungumal, Churachandpur, Manipur – 795128**

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**Website: [www.tcherbs.in](http://www.tcherbs.in)**

**TENDER DOCUMENTS**

**SUPPLY, INSTALLATION, TESTING, COMMISSIONING AND TRIAL RUN OF  
MACHINERY AND EQUIPMENT**

**FOR**

**FARMERS REGENERATION TRUST (SPV)**

**At : BUNGUMAL VILLAGE, CHURACHANDPUR, MANIPUR**

**To Establish**

**COMMON FACILITY CENTRE (CFC) OF  
CHURACHANDPUR AROMATIC PRODUCTS CLUSTER,  
CHURACHANDPUR, MANIPUR**

**NOVEMBER 2020**

## **TENDER NOTICE**

**(Supply, Installation, testing, commissioning and trial running of the machinery and equipment for CFC for Farmers Regeneration Trust (SPV), Bungumal Village, Churachandpur, Manipur)**

Sealed tenders are invited from OEMs/ Authorized distributors for supply of machinery and equipment for CFC at Bungumal Village, Churachandpur District, Manipur, being facilitated by PPMF, Churachandpur, Manipur. Tender should be submitted in separate envelopes for Technical Bid and Financial Bid along with earnest money **Rs. 3,08,906/- (Rupees Three Lakhs Eight Thousand Nine Hundred Six only)** and can be deposited at the following address **Partnership in Progress Mission Foundation(PPMF), New Lane, Bungumal, Churachandpur, Manipur – 795128** up to **05.00 PM of 26/11/2020**. The Demand Draft of earnest money should be in the name of “**Partnership in Progress Mission Foundation(PPMF)**”. Tenders received will be opened in the presence of the Working Committee on **27/11/2020 at 11.00 AM**.

Tender form can be obtained from **Partnership in Progress Mission Foundation(PPMF), New Lane, Bungumal, Churachandpur, Manipur – 795128** on any day between **12/11/2020 to 26/11/2020 from 10.00 AM to 5.00 PM** by payment of **Rs. 10000/-(Rupees Ten Thousand)**. Tender forms can also be downloaded from the web site of PPMF i.e. [www.tcherbs.in](http://www.tcherbs.in). A demand draft of **Rs. 10000/-(Rupees Ten Thousand)** purchased in favour of “**Partnership in Progress Mission Foundation(PPMF)**” should be enclosed along with the Technical Bid for the Tender Forms downloaded from the website.

The details of items to be supplied and Terms and Conditions are available in the Tender Form. **Secretary, Partnership in Progress Mission Foundation (PPMF), Churachandpur, Manipur** reserves the right to cancel any or all the Tenders without assigning any reason.

**SECRETARY**

**Partnership in Progress Mission Foundation(PPMF), Churachandpur, Manipur**



## **PARTNERSHIP IN PROGRESS MISSION FOUNDATION**

Reg No. 2 of 2008

New Lane, Bungumal, Churachandpur – 795128, Manipur

Mobile: 9862466125, E-mail:write2ppmf@gmail.com

**Form No. 1**

### **TENDER FORM (Supply, Installation, testing, commissioning and trial running of the machinery and equipment for CFC for Farmers Regeneration Trust (SPV), Bungumal Village, Churachandpur, Manipur)**

**Tender Form is issued to :-**

**Date of issue of tender form :-**

**Signature of issuing authority**

#### **Terms and Conditions:**

- 1- The minimum turnover of the tenderer firm for the last year (2018-19) should be above Rs 3 crores.
- 2- The tenderer firm should have minimum three year experience in supply of similar machinery 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.
- 4- The tender should be submitted in the prescribed tender form.
- 5- The tender forms can be obtained from **Partnership in Progress Mission Foundation(PPMF), New Lane, Bungumal, Churachandpur, Manipur – 795128** on any day between **12/11/2020 to 26/11/2020 from 10.00 AM to 5.00 PM** by depositing an amount of **Rs. 10000/- (Rupees Ten Thousand)**.



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- 6- Tender form should be deposited in separate envelopes containing Technical Bid and Financial Bid along with earnest money of **Rs. 3,08,906/- (Rupees Three Lakhs Eight Thousand Nine Hundred Six only)** of the tender value at following address **Partnership in Progress Mission Foundation(PPMF), New Lane, Bungumal, Churachandpur, Manipur – 795128** on or before **05.00 pm of 26/11/2020**. Earnest money can be paid through DD purchased in favor of “**Partnership in Progress Mission Foundation(PPMF)**” enclosed along with the technical bids of tender documents. Exempted bidder should submit the supporting documents. The tender received will be opened in the presence of the Working Committee on **27/11/2020 at 11.00 am**.
- 7- 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 Tender for “**Supply, Installation and trial running of the machinery and equipment for Farmers Regeneration Trust (SPV), Bungumal Village, Churachandpur, Manipur**” & should be deposited at following address **Partnership in Progress Mission Foundation(PPMF), New Lane, Bungumal, Churachandpur, Manipur – 795128** on or before **05.00 pm of 26.11.2020**.
- 8- The Technical Bid will be opened and considered first. The financial Bid of only eligible firms/agencies will be opened.
- 9- Tenders received without earnest money will not be accepted Earnest money can be paid through DD purchased in favour of “**Partnership in Progress Mission Foundation(PPMF)**” enclosed along with the technical documents. 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.
- 10- The tenderer firm should submit implementation plan of supplying & erection of machinery along with other details of the firm. Incomplete tender will not be accepted.
- 11- **The tenderer firm should submit tender for the whole items mentioned below.**
- 12- 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.



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- 13-** If the items supplied are not found as per specifications or unsatisfactory or delivered after stipulated time, 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- Secretary, Partnership in Progress Mission Foundation (PPMF), Churachandpur, Manipur** has reserved the right to accept the bid partially/in full or may reject any or all the bids without assigning any reason.
- 16- The total approved project cost for establishment of Common Facilities Centre is Rs. 423.01 Lakhs, out of which maximum budget provisioned for procurement of below mentioned machinery is Rs. 1,54,45,392/- (Rupees One Crore Fifty Four Lakhs Forty Five Thousand Three Hundred Ninety Two Only). Thus financial bid of tenderer firm should not exceed Rs. 1,54,45,392/- (Rupees One Crore Fifty Four Lakhs Forty Five Thousand Three Hundred Ninety Two Only).**
- 17- The maximum time frame given for supply of machinery and training of CFC personnel is 100 days.**
- 18- 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 above-mentioned completion period of 100 days.
- 19- Defect Liability Period:** 12 months from the date of completion and handover of work.
- 20- 2% of the contract value deposited as security deposit/EMD at the time of award of contract shall be released after successful completion of defect liability period of 12 months from successful completion of work.**



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**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:



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**Form No. 2**

**TENDER FORM (Supply, Installation, testing, commissioning and trial running of the machinery and equipment for CFC for Farmers Regeneration Trust (SPV), Bungumal Village, Churachandpur, Manipur)**

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

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

**Signature of issuing authority**

**Technical Bid :-**

**Part – 1 Description of Items**

1. Name of work: Supply and erection (where applicable) of below mentioned items:

<b>Sl.No</b>	<b>Description of item</b>	<b>Quantity</b>
1	Field Distillation Unit (FDU)	5
2	Field Distillation Unit with Boiler	1
3	Mobile Distillation Unit (MDU) 350kg capacity	1
4	Emulsifier with SS Tank - 1200 L	1
5	Fractionation Distillation Unit (FDU) 600kg Capacity	1
6	Spray Dyer	1
7	Spin Flash Dryer	1
8	Grass Cutter	12



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9	DJI Phantom 4 Drone RTK (with 1 Base station)	1
10	Tray Dryer - 48 Tray	1
11	Grinding Machine	1
12	Tea Cone Blender	1
13	Herbs Cutting Machine	1
14	Band Sealing Machine	1

### **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: OEM/ Registered Wholesaler/ Unregistered wholesaler/ Retailer**

5. Year of Commencement of work of the Firm/Agency:

6. Turnover of Firm/Agency for the year FY 2018-19:

7. Details of Human resources: (Man power with the firm/Agency)

8. PAN/Service Tax No. of the Firm/Agency: (Please enclose photo copy)

9. GST number

10. Description of supply of similar items done in the past by Firm/Agency in past (Please enclose copies of work order/Invoices)

11. Action plan for supply of machinery

12. Affidavit of not being blacklisted by Govt. Of India/Public Sector/Private Sector for which they have executed their works.





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13. Other details, (If any):

### Miscellaneous:-

1. The minimum turnover of the Bidder Firm/Agency for last year (2018-19) should be above Rs 3 crores.
2. A demand draft of earnest amount **Rs. 3,08,906/- (Rupees Three Lakhs Eight Thousand Nine Hundred Six only)** will be enclosed with the technical bid as earnest money. The draft will be in favor of “**Partnership in Progress Mission Foundation(PPMF)**”. Exempted bidder should submit the supporting documents.
3. Financial Statements duly audited by Chartered Accountants for the available three years will invariably be enclosed along with technical bid.
4. Copies of Income Tax returns for the three years will be enclosed along with technical bid.
5. **Copy of authorization from Original Manufacturer, in case the tender firm is not OEM and only authorized distributor**
6. Copy of PAN/Service Tax/GST Registration Certificate/Last month challan of GST will be enclosed with technical bid.
7. The profile and following details of bidder firm/agency along with photograph, paper cutting, copy of work order will be submitted as under :-

Year	Order Placed By	Order No. and Date	Description of Equipments	Value of Order	Time of Completion
2016-17					
2017-18					
2018-19					
2019-20					



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8. Detail of earnest money

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

9. If the Tender Form is downloaded from the PPMF website i.e. [www.tcherbs.in](http://www.tcherbs.in) an amount of **Rs. 10000/- (Rs. Ten Thousand)** is essential to be deposited in form of DD. 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:



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**Form No. 3**

**TENDER FORM (Supply, Installation, testing, commissioning and trial running of the machinery and equipment for CFC for Farmers Regeneration Trust (SPV), Bungumal Village, Churachandpur, Manipur)**

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

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

**Signature of issuing authority**

**Description of work**

1. Name of work: Supply and erection (where applicable) of below mentioned items:

SL NO.	MACHINE	QTY	SPECIFICATIONS
1	Field Distillation Unit (FDU)	5	<ul style="list-style-type: none"><li>• Height- 1.5 Mts</li><li>• Diameter -1590</li><li>• Thickness- 3 mm</li><li>• Types of Seal – Mechanical</li><li>• Lid Opening – 360 Degrees-Spring Arm</li><li>• Lid Structure – M.S.</li><li>• Seal Packing – Asbestos/ Silicon 20mm</li><li>• Vapor Pipe size – SS 304 dia 100 mm welded with 100 mm SS flange</li><li>• False Bottom – SS304 made with 30 x 6 mm flat and 8 mm squarer rods as per design – 1 No Dia- 1500 mm</li><li>• Drain out of the vessel – 1-inch ball valve</li><li>• Spurger – 40 mm SS 304 pipe with 40mm ball valve/wheel valve</li><li>• Spurger jet hole size – 6mm X 40 No's</li><li>• Dia. of the Spurger – 1500mm</li><li>• Calindria water inlet – 25mm</li><li>• Water Level Indicator – Gun metal water level indicator with 300mm glass</li><li>• No of fire tubes – 100mm dia, 1200 length-5 No's</li><li>• Types of furnace – Wood fired</li><li>• Furnace material – Fire brick furnace with cast iron bars</li></ul>



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			<ul style="list-style-type: none"> <li>• Skid mounted – 1200 x 1200 mm fabricated by 75 x 40 x 6 mm C- Channel</li> <li>• Diameter of the Chimney – MS 3 mm thick meter length 200 mm dia.</li> </ul>
2	<b>Field Distillation Unit with Boiler</b>	1 Set	<p><b>4300 lit SS304 steam distillation vessel</b></p> <ul style="list-style-type: none"> <li>• Height - 2.0mtr (2 Nos)</li> <li>• Diameter - 1650mm</li> <li>• Thickness – 3 mm</li> <li>• Type of Seal – Mechanical</li> <li>• Lid opening - 360 Degrees</li> <li>• Swig Lid Structure - M.S.</li> <li>• Seal Packing - Asbestos / Silicon 20mm Vapor pipe size - SS 304 dia 100 mm welded with 100 mm SS flange.</li> <li>• False bottom - SS 304 made with 30 x 6 mm flat and 8mm square rods as per design – 1 No, Dia – 1600 mm</li> <li>• Drain out of the vessel – 1-inch ball valve</li> <li>• Mechanical seal flange size : OD-1810 ID-1650 thickness – 12mm MS flange with 18 no’s locking facility</li> <li>• Skid mounted – 1.6 x 1.6 mts fabricated by 75x40x6 mm c-channel</li> <li>• Spurger – 40mm SS 304 pipe with 40mm ball valve</li> <li>• Spurge jet hole size – 1550mm</li> </ul> <p>Technical specifications for-Condenser SS 304</p> <ul style="list-style-type: none"> <li>• SS 304 Body – Dia 390 mm Height 1200 mm thickness of shell 3mm</li> <li>• Tube flange thickness – 12mm</li> <li>• SS 304 Boinet size top – Dia 390mm Height 150 mm, 3mm thick with 12mm flange and 100mm vapor pipe connection welded with SS flange</li> <li>• Bottom Boinet - Dia 390mm Height 150 mm, 3mm thick with 12 mm flange and 32 mm outlet of condense rate</li> <li>• Condenser pipe – SS 304 Seamless pipes dia 25mm thickness 1.5mm, length of the pipe 1200mm – 90 Nos</li> <li>• Circulation pipe dia – 40 mm inlet and 40 mm outlet</li> <li>• Capacity of Condenser – 8.48 Sq.mts</li> </ul> <p><b>SS 304 separator for light weight essential oils</b></p> <ul style="list-style-type: none"> <li>• Separator capacity – 100 Lit</li> <li>• Thickness of the separator – 1.5 SS 304</li> <li>• Diameter – 400 mm</li> <li>• Height – 600 mm</li> <li>• Outlet size – 12 mm</li> <li>• Oil outlet pipe size – 25mm</li> <li>• Dislet outlet pipe size – 25mm</li> <li>• Dislet inlet pipe size – 25mm</li> </ul> <p><b>Specification for water Boiler</b></p>



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			<ul style="list-style-type: none"> <li>• Type of installation – skid mounted</li> <li>• Dia and height of the furnace – 900mm X 635mm 100 litre capacity with CI fire bars</li> <li>• Furnace opening size – 450 mm X 300 mm</li> <li>• Pre-Heater size – 900 mm X 860 mm 360 litre capacity</li> <li>• Number of tubes in pre-heater – 48 numbers 63.5 mm, 4.06 Thick TATA boiler tubes</li> <li>• Main heater size – 900mm X 600mm, 40 Litre capacity with 4 cross tubes 63.5 mm</li> <li>• Mountings – 20mm X 300mm water level indicator 1 HP HTPE pump with 1 HP motor 0.2 HP blower 20 mm water pressure relieving Valves 2 No's 1 temperature gauge 1 KG pressure gauge 1 no Control panel 1 no</li> </ul>
3	Mobile Distillation Unit (MDU) 350Kg Capacity	1	<ul style="list-style-type: none"> <li>• Height – 1.5 Mts, Diameter – 1200, Thickness – 3mm</li> <li>• Type of seal – Mechanical</li> <li>• Lid Opening – 360 degrees, Lid Structure – M.S.</li> <li>• Seal Packing – Asbestos / Silicon 20 mm</li> <li>• Vapor pipe size – SS 304 dia 100 mm welded with 100 mm SS flange</li> <li>• False Bottom – SS 304 made with 30x6mm flat and 8 mm square rods as per design – 1 No Dia – 1150 mm</li> <li>• Drain out of the vessel – 1-inch ball valve</li> <li>• Mechanical seal flange size – OD-1360 ID-1200 thickness-12mm MS flanges with 18 No's locking facility</li> <li>• Spurger – 40 mm SS 304 pipe with 40 mm ball valve/ wheel valve</li> <li>• Spurger jet hole size – 6mm X 40 No's</li> <li>• Dia of the Spurger – 1100mm</li> <li>• Calindria water inlet – 25 mm</li> <li>• Water level indicator – Gun metal water level indicator with 300mm glass</li> <li>• No of fire tubes – 100mm dia, 1200 length-5 No's</li> <li>• Type of furnace – Wood fired</li> <li>• Furnace material – Fire brick furnace with cast iron bars</li> </ul>



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			<ul style="list-style-type: none"> <li>• Skid mounted – 1200x1200 mm fabricated by 75x40x6mm C-Channel</li> <li>• Diameter of the Chimney – MS 3mm thick 3-meter length 200 dia.</li> </ul>
4	<b>Fractionation Distillation Unit (FDU) 600 Litre Capacity</b>	1	<ul style="list-style-type: none"> <li>• Ss304 Reactor 600Lit. Cap Jacketed for heating, flush bottom valve, center 4" side view glass and flame proof light, Mounted on MS Epoxy coated structure till the condenser top. – 1 set</li> <li>• Vapor Column SS304 with Net mesh packing 6"/1500mm (Evergreen) – 1 set</li> <li>• Reflux divider 6/12 with flam proof magnet and timer automatic with man hole and Thermowell (Glass) – 1 set</li> <li>• PTFE line bellow with flangs glass to meata 6" – 1 set</li> <li>• PTFE line bellow with flangs glass to meata 12" – 1 set</li> <li>• Shell and tube heat exchanger RMG 12/12m2 metal shell and glass tubes with SS dome – 1 set</li> <li>• Receiver line with Product cooler and 50Lit. and 100Lit SS304 Receivers – 1 set</li> <li>• Complete set installation, testing vacuum and leak and handling over the set at your site – 1 set</li> </ul> <p>Vacuum pump SX3000D – 1 set</p> <ol style="list-style-type: none"> <li>1. Free air displacement 3000</li> <li>2. Oil cap. Lit 25</li> <li>3. Motor HP 7.5</li> <li>4. Side Plate 40x60x10</li> <li>5. Side plate NJ209</li> <li>6. Center block NU209</li> <li>7. End Plate 6208</li> <li>8. V-belt B72</li> <li>9. V belt – qty 3</li> <li>10. Suction- 88x98</li> <li>11. Exhaust-88x98</li> <li>12. Complete set with installation with solenoid valve and trap</li> </ol>
5	<b>Spray Dyer</b>	1	<ul style="list-style-type: none"> <li>• Feed rate Capacity 3.0 kg/Hr</li> <li>• Water Evaporation Capacity 2.4 Kg/Hr</li> <li>• Product output capacity 0.600gm/Hr</li> <li>• Initial solid 20% Considered</li> <li>• Feed Properties- Feed Temperature- ambient, Dissolved/Suspended solids: Yes, Form of Feed: Solution,</li> </ul>



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			<p>Feed Nature: Pumpable, Solvent: water</p> <ul style="list-style-type: none"> <li>Product properties- Dried Powder, No of Collection: two points (Drying Chamber and Cyclone Separator}</li> <li>Operating Temperature- Drying Media: Hot air, Method of Hot Air Generation: Electrical Heater, Air Inlet Temperature: 120-160 Degree (Manually operated), Air Outlet Temperature: 90-105 degree C</li> <li>Material of construction – STD Model</li> </ul> <p>Feed Contact parts: ss 316, Product contact parts: ss 316, Hot air Contact Parts: ss 304, Fresh air contact parts: M.S. Painted, Exhaust Air Contact Parts: M.S. Painted, Non-Contact Parts, supports and Stiffeners: M.S. Painted</p>
6	Grass Cutter	12	<ul style="list-style-type: none"> <li>4 stroke machine - 35 cc</li> <li>With 4 attachment</li> <li>Paddy Harvester</li> <li>Cultivator(rottery)</li> <li>Wild plant cutter</li> </ul>
7	DJI Phantom 4 RTK with 2 Base station	1	<ul style="list-style-type: none"> <li>DJI Phantom 4 RTK</li> <li>With D-RTK 2 Mobile Base Station with Tripod</li> <li>2x Batteries</li> </ul>
8	Tray Dryer-48 Tray	1	<ul style="list-style-type: none"> <li>Tray make and Size – Made of Mild Steel ,16” X32”X1.25”</li> <li>MOC (Internal and External) – External mild steel, &amp; internal 1.6 mm Thick Mild Steel</li> <li>Surface Finish – External: Smoke Grey Paint, Internal: Heat resistant paint</li> <li>Air intel and out let – Fresh air intel through 20-micron PP clot filter and adjustment air outlet flap</li> <li>No of Doors – Two explosions Proof and locked with spring loaded ball latches with suitable pressure. Door Lips to be provided with Asbestos Rope Gasket.</li> <li>Insulation – 75 mm thick glass wool insulation.</li> <li>Heating – “U” Type SS 304 air heaters to be provided; Temperature attained inside the dryer is 200 Deg C which is controlled cum indicator over full range of heating load (12 x 1000W =12 KW)</li> </ul>
9	Grinding Machine	1	<ul style="list-style-type: none"> <li>Motor -5 HP</li> <li>Made of stainless steel</li> <li>Grind with easy, economy and safety offering a wide range of particle sizing of any non-abrasive material, hard or soft from</li> </ul>



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			<p>granular to finest dust up to 80 meshes</p> <ul style="list-style-type: none"> <li>Grinder consists of and encased rotor carrying swing hammers. Raw material from the feed hopper enters manually. The hammer on the feed material against the liner plates reduced it into fine powder</li> </ul>
10	Spin flash dryer	1	<p><b>DESIGN PARAMETERS</b></p> <ul style="list-style-type: none"> <li>Material to be Dried – Lemongrass leaf Powder</li> <li>Capacity</li> <li>Feed rate – 5-15 Kg/Hr</li> <li>Water Evaporation rate – 5 Kg/Hr</li> <li>Product output rate – 5 Kg/Hr</li> </ul> <p><b>Feed Properties</b></p> <ul style="list-style-type: none"> <li>Initial solid Content – 20-50% w/w Maximum</li> <li>Feed Temperature – Ambient</li> <li>Feed Form – Wet Cake</li> <li>Feed Solvent – Water</li> </ul> <p><b>Product properties</b></p> <ul style="list-style-type: none"> <li>Product moisture content – 1-2 % w/w</li> <li>Product Form – Powder</li> <li>No. of collection Point – Single Point (Below Pulse Air Jet Bag Filter)</li> </ul> <p><b>Operating Temperature</b></p> <ul style="list-style-type: none"> <li>Drying Media – Hot air</li> <li>Mode of Heating – Indirect Diesel Fired HAG</li> <li>Air Inlet Temperature – 120<sup>0</sup> C</li> <li>Air outlet Temperature – 65<sup>0</sup> C</li> </ul> <p><b>Material of Construction</b></p> <ul style="list-style-type: none"> <li>Feed contact parts – SS 316</li> <li>Product Contact Parts – SS 316</li> <li>Hot air Contact parts – SS 304</li> <li>Fresh air Contact parts – M.S. Painted</li> <li>Exhaust Air contact parts – M.S. Painted</li> <li>Non-contacts, Flanges, supports and Stiffeners – M.S. Painted</li> </ul> <p><b>Technical specifications</b></p> <p>Feeding system:          Feed Hooper          MOC – SS 316, 2 mm thk          Quantity – 1 Nos</p>





## PARTNERSHIP IN PROGRESS MISSION FOUNDATION

Reg No. 2 of 2008

New Lane, Bungmual, Churachandpur – 795128, Manipur

Mobile: 9862466125, E-mail:write2ppmf@gmail.com

11	Cutting machine	1	<ul style="list-style-type: none"> <li>• Herbs Cutting Machine</li> <li>• Thickness of cutting 2-6mm</li> <li>• Output Capacity of 300-500 kg per hour</li> <li>• Power 3 KW</li> </ul>
12	Tea Cone Blender	1	<ul style="list-style-type: none"> <li>• Fabricated with high grade stainless steel- easy to clean and maintain</li> <li>• Hand wheel for manual tilting of cone- uniform mixing and easy discharge</li> <li>• MOC- All contact parts will be made of SS-304 Grade with 2 mm thick</li> <li>• Motor- 1440 rpm, 440 V, AC 3 Phase, 5 HP,Crompton Greaves.</li> <li>• Gear Box- Gmicon Make</li> <li>• Speed 8 to 25 rpm (with VFD)</li> <li>• Panel Box Jewel Lamp, motor On-Off Switch Etc.</li> </ul>
13	Band Sealing Machine	1	<ul style="list-style-type: none"> <li>• Continuous band sealing machine</li> <li>• Continuous band sealer machine has a vertical design for large pre-made bags that require sealing whilst standing up such as packs of powder, liquids and even solid products that will spill if lying flat.</li> <li>• This machine can seal up to 3kg material its use for packing Agri Products, cheeps, tea and confectionary item BOPP&amp; Laminated pouch. This is useful for laminated BOPP, Led Aluminium, and P.P HM etc</li> <li>• Free standing vertical band sealer</li> <li>• Ideal for larger bags</li> <li>• Adjustable sealing heads and conveyer</li> </ul>
14	Emulsifier with SS Tank	1	<ul style="list-style-type: none"> <li>• 3 HP – 3 Phase Motor Emulsifier with VFD Controller and panel box</li> <li>• 1500 L SS Tank</li> <li>• Rugged construction</li> <li>• Easy to Operate</li> <li>• High Operational fluency</li> <li>• All contact parts of the Machine made of 304 quality stainless steel of 2mm</li> </ul>



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### Financial Bid

Sl.No	Description of item	Quantity	Price(Inclusive of GST)
1	Field Distillation Unit (FDU)	5	
2	Field Distillation Unit with Boiler	1	
3	Mobile Distillation Unit (MDU) 350kg capacity	1	
4	Emulsifier with SS Tank - 1200 L	1	
5	Fractionation Distillation Unit (FDU) 600kg Capacity	1	
6	Spray Dyer	1	
7	Spin Flash Dryer	1	
8	Grass Cutter	12	
9	DJI Phantom 4 Drone RTK (with 1 Base station)	1	
10	Tray Dryer - 48 Tray	1	
11	Grinding Machine	1	
12	Tea Cone Blender	1	
13	Herbs Cutting Machine	1	



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14	Band Sealing Machine	1	
<b>GRAND TOTAL</b>			

Sl.No	Supply of specified items
1	<ol style="list-style-type: none"><li>1. The amount should be quoted <b>item wise</b> as per above specifications</li><li>2. The price quoted should be inclusive of <b>taxes, freight, erection, installation &amp; one week training charges</b> if any.</li><li>3. Three months operational support</li><li>4. Two years warranty with spares</li><li>5. 2% of the security deposit will be released one year after competition of the work.</li></ol>

**Place :**

**Date :**

Signature of the authorized person

Name:

Designation:

Name of firm & address:

Phone /Mobile No:

Seal of the firm: