**Application Form**

1. Firm Name :- …………………………………………………………………………..
2. Head Office Address :-………………………………………………………………...

Telephone:-……………………….. Fax………………………………

Email…………………………………………………………………..

1. Responsible Person……………………………………………………………………..

Position…………………………………………………………………...

Telephone………………… Mobile………………. Fax:-…………….

Email:-…………………………………………………………………

1. Firm Registration No…………………… Registered Office………………………..

Date………………………………………………………………

1. PAN/VAT Registration No………………………. Date………………………….......
2. Business Type/ Purpose :…………………………………………………………….
3. Financial Situation of Last three Years. ( Attach Audited report of three years)

Information from Balance sheet

|  |  |  |  |
| --- | --- | --- | --- |
| Fiscal Year | 1 | 2 | 3 |
| Total Assets |  |  |  |
| Total Liabilities |  |  |  |
| Net Worth |  |  |  |
| Current Assets |  |  |  |
| Current Liabilities |  |  |  |

Information from Income Statement

|  |  |  |  |
| --- | --- | --- | --- |
| Fiscal Year | 1 | 2 | 3 |
| Total Revenues |  |  |  |
| Profit Before Tax |  |  |  |
| Profit After Tax |  |  |  |

Financial Resources ( Add if required )

|  |  |  |
| --- | --- | --- |
| No. | Source of Financing | Amount |
| 1 |  |  |
| 2 |  |  |

Note – The letter from the bank must be unconditional

1. Human Resource Capability

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| S.N. | Name | Position | Qualification ( Must submit certificate copy)\* | Experience (Year) |
|  |  | Manager |  |  |
|  |  | Account/Sales/ Marketing |  |  |
|  |  | Engineer/Sub Engg/Mechanics |  |  |

\*Attach C.V. & certificate otherwise will not be considered for evaluation.

9. Rate and details of the Equipment’s that the firm can supply as of annex-1 (Attach the relevant catalogs, specifications etc.)

Brief Specification of Equipments

|  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| S.N. | Name of the equipment | Required Quantity in Nos | Estimated per unit cost | Brand | Model | Power HP | Per unit cost ( Including VAT & Tax) | | Free Spare Parts including Tool Box | No. of Free servicing after sales |
| Rate in figures | Rate in words |
| 1 | Seed Treater | 2 | 2295000.00 |  |  |  |  |  |  |  |
| 2 | Seed Grader | 1 | 2320000.00 |  |  |  |  |  |  |  |
| 3 | Seed Dryer | 1 | 3200000.00 |  |  |  |  |  |  |  |

**Note:- if the proposed amount of the Seed Treater, Seed Grader and Seed dryer is greater than estimated per unit cost then the firm/company who has been proposed that amount will be eliminated.**

10. Availability of Equipments that the firm can supply (For this FY)

|  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| S.N. | Name of the equipments | Required Quantity | Brand | Model | Available in stock (N0s) | Quantity that can be supplied in this FY (NOs) | Rate in figures | Total Amount (NRs)\* |
| 1 | Seed Treater | 2 |  |  |  |  |  |  |
| 2 | Seed Grader | 1 |  |  |  |  |  |  |
| 3 | Seed Dryer | 1 |  |  |  |  |  |  |

\*Please submit deposit voucher or bank guarantee of 5% of the Total Amount (NRs.) that the firm can supply in current FY. If not submitted the firm will not be eligible for evaluation.

11. Availabilities of Spare Parts (Attach separate sheet if required)

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| S.N. | Parts Name | Quantity | Unit Rate in figures | Amount |
|  |  |  |  |  |
|  |  |  |  |  |
|  |  |  |  |  |
|  |  |  |  |  |

Total Spare Parts available in NRs…………………………….( must be quoted for evaluation purpose)

12. Dealer, Branches and Distributes in the country

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| S.No. | Name | Address | Contact person | Email | Telephone | Mobile |
|  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |

Submit copy of dealership agreement with firm registration, PAN or VAT registration otherwise will not be considered for evaluation.

13. Service Centers

|  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| S.N. | Name | District | Types of services Available ( Routing/Regular/Engine Overhaul) | Address | Contact Person | Email | Telephone | Mobile |
|  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |

Submit copy of dealership agreement with firm registration, PAN or VAT registration otherwise will not be considered for evaluation.

14. Professional Experiences

15. Specific Experience ( Please submit supporting documents)

I hereby declare that the above submitted information are true and correct based on relevant documents and our knowledge and we are not ineligible to participate in the expression of interest, has no conflict of interest in the proposed procurement proceedings and has not been punished for the profession or business related offence.

(Signature of Authorized Person)

Office stamp

Name ………………………….

Position ………………………..

**Technical specification of Agri-Processing Equipments**

**Office:** Agriculture Knowledge centre, Kalaiya (Bara), F/Y: 2079/80

1. **Technical Specification of Seed Treater**

|  |  |  |  |
| --- | --- | --- | --- |
| **S.N.** | **Criteria** | **Required Technical Specifications** | **Offered Specifications** |
| 1. | General | **Seed Treater with Elevator** Suitable for treatments of seeds of various crops with liquid/power chemicals (fungicides/pesticides). Chemical application through atomizers. Having Seed metering facility. | ***Model:***  ***Country of Origin:*** |
| 2. | Capacity | 1-2 ton/hour |  |
| 3. | Power requirement | Complete with Geared motor of at least 0.75 KW and starter for operation on 440 V, 3 phases, 50 cycles, A.C. Supply for elevator. Motor of mixing tube (0.5hp), motor of spinning disc and volume wheel 0.25hp each. Pre-mix tank motor 1 hp. |  |
| 4. | Dosage control | Fully automatic and synchronize with the seed feed rate. Dosing rate 100 ml to 600ml, controllable in variance as per requirement. |  |
| 5. | Seed/chemical application and mixing | Closed system, no damage to the seeds, materials of construction M.S/SS. Liquid spreader should be provided |  |
| 6. | Control panel, supervision and security system | Compact control panel. Equipped with sensor for supervision of flow of seed and chemicals (any interruption in seed flow stops the process and restart). |  |
| 7 | Elevator | vertical bucket elevator 3-5 ton per hour capacity, for loading/unloading and recirculating of seeds, height not more than 8m. elevator boot assembly should be self-cleaning type. The thickness of the boot should be 3 mm GI. Sheet. The belt speed should not exceed 0.9 m/sec. Buckets of self-cleaning type; HDPE should be used. These buckets should be fastened with cup-bolt and washers with belt. |  |
| 8 | Pre- Mix Tank | 75- 100 liters. (stainless steel with auto stirrer with the help of geared electric motor |  |
| 9 | Dimension (m) | 1.4x0.7 (±5%) |  |
| 10 | Tools/Manual | A set of tools for general maintenance shall be supplied. One copy of the operation manual in English/Nepali/Hindi |  |
| 11 | Quality standard | ISO/CE/ISI |  |
| 12 | Warranty | Manufacturer shall provide minimum warranty valid for ***one year*** after the date of acceptance. |  |
| 13 | Initial Service and training | The supplier should provide minimum one-day training to operators for operation and maintenance of the machine by qualified Engineer/ technician . |  |
|  | Delivery Place | **At the site allocated by:**  Agriculture Knowledge Centre, Kalaiya (Bara) |  |

1. **Technical Specification of Seed Grader**

|  |  |  |  |
| --- | --- | --- | --- |
| **S.n.** | **Criteria** | **Required Technical Specifications** | **Offered Specifications** |
| 1 | General | **Seed Grader with elevator** should be capable for efficient Cleaning and grading of seeds of all crops such as Wheat, Paddy, Maize, Soybean, Barley, Oil Seeds, Vegetable Seeds, Flower seeds, Fodder crop seeds, pulses etc. | ***Make:***  ***Model:*** |
| 2 | Capacity | Not less than 1 Ton/Hr. Based on Paddy |  |
| **Seed cleaner cum seed grader** | | | |
| 3 | Screens | Minimum 3 (flat, oscillating type) Area- Not less than 3.24 Sq. Meter. Screens should be are made of 0.8 mm CRC perforated Zinc coated sheet suitably inclined fixed on seasoned wooden frame. |  |
| 4 | Screen perforation  Cleaning device | Rubber balls |  |
| 5 | Aspirations | 2 nos of aspirations, steeples variable air control arrangement should be provided to control the aspiration system for removal of lighter impurities like dust, chaff, husk, deceased grains, small weed grains etc. Air volume should not be less than 2500 CFM as 5’’ WGSP |  |
| 6 | Power supply | 3 HP motor of 440V, 3Ph AC Supply/3 phase/50hz with control panel IP-54 |  |
| 7 | Feeding | Feed control gate to regulate the feeding rate and a feed roller for uniform and continuous feeding. |  |
| 8 | Dust collection | Cyclone dust collector |  |
| 9 | Dimension (m) | 1.8x1.3 |  |
| 10 | Spouts | All spouts should be fitted with bag holding clamps |  |
| **Vertical bucket elevators (v.b.) Elevator** | | | |
| 11 | General | Capacity – 3 TPH (Based on wheat) to feed Seed cleaner cum grader, **Self-supporting, centrifugal discharge** |  |
| 12 | Dump hopper | 1.6 mm thick M.S. Sheet , Heavy duty grating to remove chaff, strings, stones etc |  |
| 13 | V-bottom boot  Assembly | Mounted on a heavy-duty shaft on self-aligned ball bearings. Two removable slide gates should be provided for easy and fast cleaning and rendering service to the bottom pulley. |  |
| 14 | Middle section  Legs | 1.6 mm thick GI sheet, it should be provided with flanges at both ends. Belt inspection door should be  Provided at suitable height |  |
| 15 | Head casing | 2.0 mm thick GI sheet, Detachable split cover with rubber inside should be provided for accessibility to  Head pulley. Head pulley should be rubberized and crowned for improved traction and should be mounted on a heavy-duty shaft and self-aligned ball bearings. Sprockets should be TLB type for easy and quick fitting. |  |
| 16 | Ladder and  Platform | Ladder, service platform with safety cage of suitable size and height should be provided to enable Accessibility to the head boot and made of M.S. |  |
| 17 | Belt and belt speed | NN belt should be used for fastening of buckets (cups). The belt speed should not exceed 0.9 m/sec. |  |
| 18 | Buckets | Buckets of self-cleaning type, HDPE should be used. These buckets should be fastened with cup-bolt and washers with belt. Spacers should be provided between buckets and belt to prevent damage to the seeds. |  |
| 19 | Discharge pipe | Suitable dia. Discharge pipe made of 2 mm M.S. Sheet with both end flanged should be used for discharging the grains/seeds |  |
| 20 | Electric drive | Complete with Geared motor of at least 0.75 KW and starter for operation on 440 V, 3 phases, 50 cycles, A.C. Supply. |  |
| 21 | Constructional  Features | All main structural frame should be welded and made by compact and sturdy pipe frame section not less than 4mm M.S Sheet. |  |
| **Others** | | | |
| 22 | Safety features | The machine should be covered from all side as safety features all moving parts are covered with safety guard. |  |
| 23 | Warranty | Minimum warranty on all the parts valid for ***one year*** after the date of acceptance. |  |
| 24 | Initial service and training | Supplier should send their qualified technician for installation, demonstration and testing at site. Supplier should provide training on operation and maintenance at site |  |
| 25 | Delivery place | **At the site allocated by:**  Agriculture Knowledge Centre, Kalaiya (Bara) |  |

1. **Technical Specification of Seed Dryer**

|  |  |  |  |
| --- | --- | --- | --- |
| **S.N.** | **Criteria** | **Required Technical Specifications** | **Offered Specifications** |
| 1. | General | Column batch seed dryer with elevator Suitable for drying of seeds of various crops. Batch type column dryer. Light density Oil fired, Indirect heating type. No mixing of hot air and flue gases. Heating unit has separate chimney. Drying to safe storage moisture (i.e 12%) without affecting seed viability | ***Model:***  ***Country of Origin:*** |
| 2. | Capacity | 1.5 to 2 ton/batch |  |
| 3. | Power requirement | Blower operated by electric motor 3 hp, elevator motor 1 hp. Blower capacity (10000 CMH or more) |  |
| 4. | Drying bin size (D X L ) | 1900 X2700 mm, thickness of MS sheet 2 mm |  |
| 5. | Seed loading and unloading | For homogeneous drying grain circulation facility; Elevator operated and time approx. 40 minutes. |  |
| 6. | Burner and chimney | 50000 kcal/hr, diesel operated (fuel consumption not more than 4 lit/hr.). chimney: to remove effluent gases before they mix to hot air in order to avoid seed deterioration |  |
| 7. | Rate of drying | Should be 1.5-2.5% moisture extraction/hr |  |
| 8. | control and security system | Fuel burner is automatic equipped with sequence controller, solenoid valve; thermostat etc. temperature of hot air is controllable to desirable preset level. Clean burning and no back fire hazards. |  |
| 9. | Elevator | vertical bucket elevator 3-5 ton per hour capacity, for loading/unloading and recirculating of seeds, height not more than 8m. elevator boot assembly should be self-cleaning type. The thickness of the boot should be 3 mm GI. Sheet. The belt speed should not exceed 0.9 m/sec. Buckets of self-cleaning type; HDPE should be used. These buckets should be fastened with cup-bolt and washers with belt. |  |
| 10. | Tempering bin | 2-3 ton capacity, made up Mild steel 2mm or above thickness. |  |
| 11. | Electrical control panel | temperature indicator, phase indicators, over load relay, motor overload protection, door interlocking, emergency stop, fuse protection at starters panel, supply indication, FRLS wire and all other necessary parts. |  |
| 12 | Tools/Manual | A set of tools for general maintenance shall be supplied. Tempering bin. One copy of the operation manual in English/Nepali/Hindi |  |
| 13 | Quality standard | ISO/CE/ISI |  |
| 15 | Warranty | Manufacturer shall provide minimum warranty valid for ***one year*** after the date of acceptance. |  |
| 16 | Initial Service and training | The supplier should provide minimum one day training to operators for operation and maintenance of the machine. |  |
| 17 | Delivery Place | **At the site allocated by:**  Agriculture Knowledge Centre, Kalaiya (Bara) |  |

|  |  |
| --- | --- |
| Delivery Place | **All Equipment should be delivered to:**  Agriculture Knowledge Centre  Kalaiya (Bara), Madhesh Province, Nepal |

**Signature of Supplier………………….**

**Date……………………………**

**Office Stamp**