



भाकृअनुप - सरसों अनुसंधान निदेशालय
ICAR-Directorate of Rapeseed-Mustard Research
(Indian Council of Agricultural Research)
Sewar, Bharatpur 321303 (Rajasthan), India



F. No. 4-155/SP/16/ Vol.-II

Dated: 03-10-2020

TENDER OPENING CLOSING AND OTHER RELATED DATES TO BE AS PER THE DATES OF THE E-PROCUREMENT WEBSITE

E-TENDER NOTICE No.- 10

Sr.No.	Name of Items	Qty.	Estimated cost ₹	EMD2%(Rs.)	Budget
1.	Time domain Reflectometer	01	5.00 Lakhs	10000/-	DRMR Budget
2.	Digital Soxhlet (Semi-automatic Soxhlet fat extraction system) Accessories: Refrigerated water cooling system with digital display	01	2.70 Lakhs	5000/-	
3.	Oil Expeller(3ton/day capacity cum bottling unit)	01	7.00 Lakhs	14000/-	SCSP at RRS

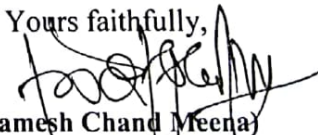
Note:- E-Tender document can be obtained from website of e-Procurement <http://e-procurement.gov.in> without any charges. Tender form along with relevant detailed specifications and other terms & conditions related to the supply /payment etc. can be **download from Online website <http://e-procurement.gov.in>** free of cost. Tender document complete in all respects are to be submitted in **two bids** format **Technical bid and Financial bid** separately. **The Price of Indigenous items should be quoted for on FOR DRMR, Bharatpur basis. Manufacturer's name and country of origin of materials offered must be clearly specified.** The complete Tender documents should be uploaded on the above website upto the date and time mentioned as per e-procurement website. The DD for EMD & Tender fee should reach to this office by **post before tender opening date**. Any queries regarding tender-notice can be made at the office during office hours. The Director, ICAR-DRMR, Sewar, Bharatpur reserves the right to reject any or all the tenders at his discretion without assigning any reasons whatsoever to any of the Tenderer concerned.

Terms and Conditions

1. The tenderer shall quote rates, which will include the delivery (Supply and installations) & other incidental charges. Taxes, if any, should be indicated separately.
2. The rates should be quoted as per the Financial Bid/BOQ format uploaded on the CPP Portal. Taxes, if any should be indicated separately. It must be noted that the contract shall be awarded to the firm which fulfils all the required specifications, terms and conditions and remains L-1.
3. The firm must also possess valid PAN No., TIN No. & GST registration number and a copy of all these must also be enclosed with the tender document.
4. The successful firm shall have to supply the **item** (from the date of confirmed supply order) **within 30 days or as mentioned in the supply order (P.O.)** and if the materials are not supplied and installed in time then EMD shall be forfeited. The rates quoted shall be valid for 6 months from the date of opening of tender.
5. No variation in terms of quality of the items shall be entertained or else EMD/Security deposited shall be forfeited. The Director, DRMR, Bharatpur shall have the right to reject all or any of the offers, accept more than one offer, and assign part of the job.
6. Merely quoting of lowest rates does not mean that order shall be given to that firm. The competent authority will finally decide on the basis of quality & performance of past installations.
7. The interested Firms are required to deposit (in original) an Earnest Money Deposit (EMD of the amount mentioned against each item in the form of Demand Draft from any of the Commercial Bank in favour of ICAR Unit-DRMR, Payable at Bharatpur may be addressed to Director, ICAR, DRMR, Bharatpur on or before bid submission closing date and time as mentioned in critical date sheet. No quotation shall be considered without the earnest money deposit. Demand Draft drawn in favour of any officer other than "ICAR-UNIT DRMR," payable at Bharatpur will not be accepted and the tender will be rejected. The earnest money will be refunded only after the finalization of the procurement and no interest will be paid on earnest money.
8. Rates once finalized will not be enhanced/reduced during the currency of the contract.
9. In case, the successful bidder shows inability at any stage, after the contract is finalized and awarded, for whatsoever reason(s) honour the contract, the earnest money/performance security deposited would be forfeited.
10. The firm to whom the tender will be awarded, will have to deposit the performance security equal to 10% of the total amount at the time of installation of equipment. If the services are not found to be satisfactory, the performance security is liable to be forfeited. No interest will be paid on performance security.
11. If any dispute(s) arises between ICAR-DRMR, Sesar, Bharatpur and the firm with reference to the contract, ICAR-DRMR, Sesar, Bharatpur will decide it and its decision will be binding on the firms.
12. **Bid Validity: 90 days.** The contract will be given to Least one (L1).

Note: - A detailed user list (along with indenter/user/contact details) should be provided for the equipment for which the firm is bidding.

Yours faithfully,


(Ramesh Chand Meena)
Sr. Admn. Officer

Technical Bid

(A)TENDER ACCEPTANCE LETTER (To be given on Company letter head)

Date:

To,
The Director,
ICAR-DRMR,
Sewar, Bharatpur, Rajasthan 321303

Sub: Acceptance of terms and Conditions of tender
Tender Reference No:
Name of the Tender/work: -

Dear Sir,

I/we have downloaded the tender document for the above mentioned tender/work from the website

(s) Namely:

As per your advertisement, given in the above mentioned website(s).
I/we hereby certify that I/we have read the entire terms and conditions of the tender documents including all documents like annexure(s), schedules(s), etc., which form part of the contract agreement and i/we shall abide hereby the terms/ conditions/clauses contained therein.
The corrigendum(s) issued from time to time by your department/organization too has also been taken into consideration, while submitting this acceptance letter.
I/we hereby unconditionally accept the tender conditions of above mentioned tender document(s)/corrigendum(s) in its totality/entirety.
I/we do hereby declare that our Firm has not been blacklisted/debarred by any Govt. Department/Public Sector Undertaking.
I/we Certify that all information furnished by our firm is true and correct and in the event the information is found to be incorrect/untrue or found violated, then your department/organization shall without giving any notice or reason thereof or summarily reject the bid or terminate the contract, without prejudice to any other rights or remedy including the forfeiture of the full said earnest money deposit absolutely.

Your faithfully,

(Signature of the Bidder, with Official seal)

(B.) Technical Bid - DOCUMENTATION COMPLIANCE

S.N.	Documents Strictly as per detailed below	Attached Yes/no	Page No.	Particulars
1.	Scanned Copy of DD (EMD)			
2.	Firm Registration Certificate (Copy)			
3.	GST Registration (Copy)			
4.	PAN Card (Copy)			
5.	Details of past experience of providing Time domain reflectometer, Digital Soxhlet & Oil expeller to government or PSUs or autonomous bodies with documentary proof			
6.	Balance sheet last 3 financial year			
7.	Authentic Price Proof (self-declaration that price is genuine and has no hidden costs attached			
8.	Non-black listing undertaking on non-judicial stamp paper that they nor their principal manufacturers/suppliers have been blacklisted by any state/Central University/Government departments/other organizations.			
9.	Duly filled & Signed Tender Acceptance Letter			
10.	Duly Signed & Stamped Tender Document			

Note: Scanned copy of all necessary document duly self-attested must be uploaded for the purpose Technical Evaluation.

Date:

Place:

AUTHORISED SIGNATORY & STAMP

(C) Technical Bid - SPECIFICATIONS COMPLIANCE

Desired Specifications	Specification provided by the firm	Compliance with the desired specifications (Yes/no)	Improvements/variations if any over the desired specifications
Specification attached (as per indent)			

Financial bid (BOQ uploaded)

Item No.	Name of Items	Qty.	Price ₹
1.	Time domain reflectometer	01	
2.	Digital Soxhlet(Semi-Automatic Soxhlet fat Extraction system) Accessories : Refrigerated water cooling system with digital display	01	
3.	Oil Expeller(3ton/day capacity cum bottling unit)	01	

Note: -

- Price must be including all charges such as GST, freight charges, complete installation and any other charges incurred and should not include any hidden charges.
- **Financial bid must include price schedule as per the tender document.**

TDR Specifications

Broad Specification			Quantity
Purchase of TDR with Moisture Access Tubes			01
1	TDR	Profile Probe 100cm long with 6 x integral soil moisture sensors at depth of 10, 20,30,40,60,100 cms. Maximum measuring depth: 100cm. Salinity and temperature sensitivity (50-400m.s/m), Accuracy: 0.04m3.m3, Power requirement: 5.5 to 15 V DC, Protective Cover for Sensor probe.	
2	Moisture Meter	25-pin D-connector for sensor or PC connection. PC software and RS232 Data Transfer cable assembly. RS232 – USB adapter cable compatible to USB ports for data transfer and data retrieval system. User Selectable output unit: m3.m3, %vol., mv. 5 user specific soil calibration storage facility	
3	Access Tube	Fibre access tubes suitable for the probe with cap, bung and collar. For use with 100cm Profile Probes (50 Nos.)	
Minimum Warranty One Year			

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Specification for the purchase of The semi-automatic Soxhlet Fat Extraction system:

- It Should have an extraction unit, water storage tank and a control unit where the extraction unit should design for user convenience through handling of six samples at a time.
- It should have digital display and PC compatible data logger controller system.
- The system should be flexible and suitable for a wide variety of applications in the food, feed, environmental and industrial segments.
- It is designed to work with all common solvents used for solvent extraction.
- Typical solvent recovery up to is 75%, only ~15ml solvent is used per sample.
- The repeatability is equal to traditional technique (1% rel. or better)
- Unique upward spring loaded movement of individual block for perfect leak proof alignment.
- Superior auto sequencing features with at least 100 intelligent memory programs with unique inbuilt software programs should be there.
- Safety features: auto over temperature protection, auto sensor break protection, auto error indication.
- The electrical parts like switches, controllers, display etc. except the heating element should be separate from the unit and should be able to be kept at least at 1-meter distance from the extraction system for safety reasons.

Technical specifications:

- Thimble size: 33x80mm, 65ml, 0.5 to 15g of sample.
- Solvent volume: 60ml
- Extraction time: typically, 40 to 60 min, depending on application
- Capacity per batch: 6 samples
- Capacity per day: 25-35 samples
- Measuring range: 0.1-100% fat
- Accuracy: according to official approvals
- Repeatability: $\pm 1\%$ rel. or better at 5-100% fat

Ashwina
02/09/2020

Final Specification for Oil Expeller

(With trunky solution)

One (01) Oil expellers: Chamber size 22" X 4" crashing capacity up to 150 kg/hr. complete with all accessories, motor pulleys V-belts, foundation bolts, pipe fittings etc. (Gear and Chamber hard steel bathing castor oil grade 140 A be of steel, hard treatment)

Round Automatic feeding/cooking kettle.

Filter press 12"X12"-14 plates complete accessories/installation kit: pipelines, beltings, valves, pulleys, base frame etc. with oil through, pet cocks, pressure gauge, plunger pump, tray (one lot extra). 1 HP Motor.

Cage bar and knife bar set (one set extra)

Worm set details (6 piece), revers worm (2 piece), collars (4 piece), cone Ring one pair, Deo- Ring (1-piece) extra.

Electric motor 10-12.5 HP, 3 phase 960RPM, cable, switch & starter/pinion (1 piece) Oil pipeline (20-25 ft.), Union (4 piece) Valve (4 piece), Elbo & nipple (6 piece) Foot valve (1 piece); One set-filter cloth; 12 piece tops; nut-bolt (25 kg)

Spanner & ring spanner, L-key, Hammer (3 piece: one each of 5kg, 1.5 kg and 1 kg).

Note:

- ✓ Rate must be quoted FOB to respective places Malda (West Bengal)
- ✓ Rate should include complete installation charges including items required for foundation in earth (cement; stone crusher, bags fine send, bricks and labor charges).