



OIL PALM INDIA LIMITED
XIV /130, KOTTAYAM SOUTH P.O, KODIMATHA,
KOTTAYAM – 686013.

OP/SME/POM/2026-27/298

15.05.2026

E-TENDER NOTICE

Sub: Design, Supply, Installation, Testing and Commissioning of a Three-Phase Decanter Centrifuge System for a 20 TPH Fresh Fruit Bunch (FFB) at Palm Oil Mill, Yeroor on Turnkey basis.

Competitive E-tenders are invited from Bidders for Design, Supply, Installation, Testing and Commissioning of a Three-Phase Decanter System for a 20 TPH Fresh Fruit Bunch (FFB) Palm Oil Mill, Yeroor Estate, Bhartheepuram, Kollam District, Kerala.

Special Terms and Conditions

A) Online Bidders registration process

Bidders should have a Class III Digital Signature Certificate (DSC) to be procured from any Registration Authorities (RA) under the Certifying Agency of India. Details of RAs will be available on www.cca.gov.in Once, the DSC is obtained, bidders have to register on www.etenders.kerala.gov.in website for participating in this tender. Website registration is one time process without any registration fees. However, bidders have to procure DSC at their own cost.

Bidders may contact e-Procurement support desk of Kerala State IT Mission over telephone at 0481–2577088, 0481-2577388 or 0484-2336006, 0484-2332262 – through e-mail: etendershelp@kerala.gov.in for assistance in this regard. For further details please refer 'Contact Us' in Homepage of the Tender site.

B) Online Tender Process;

1. The tender process shall consist of the following stages:
2. Downloading of tender document: Tender document will be available for download on www.etenders.kerala.gov.in from the date and time of publication of e-tender, till the last date and time of online submission of e-tender. However, Tender document fee and EMD shall be payable at the time of bid submission online as stipulated in this tender document. Downloading of tender documents will be possible after the date specified.
3. Publishing of Corrigendum: All corrigenda shall be published on www.tenders.kerala.gov.in and shall not be available elsewhere.
4. Bid submission: No manual submission of bid is allowed and manual bids shall not accepted under any circumstances.
5. Opening of Technical bid and bidder short-listing: Technical bids will be opened, evaluated and shortlisted as per Tender Terms and Conditions. All documents in support of technical qualification as mentioned in the tender shall be submitted online within the due date and time. Failure to submit the documents will attract disqualification. Bids shortlisted by this process will be taken up for opening the financial bid.
6. Opening of financial bids: Bids of the qualified bidders shall only be considered for opening the financial bid.
7. The blank price bid should be downloaded and saved on bidder's computer without changing file-name, otherwise price bid will not get uploaded. The bidders should fill in the details in the same file and upload the same back to the website.
8. General Instructions for participating in the e-tender is available at our website www.oilpalmindia.com for reference.

C)SCOPE OF WORK

The scope shall include complete single-point responsibility for the following on Turnkey basis:

A. Design & Engineering

- Process design suitable for sludge from 20 TPH FFB mill
- Design for high temperature (up to 95°C) and abrasive solids
- Preparation & Submission of:
 - a) Process Flow Diagram (PFD)
 - b) Piping & Instrumentation Diagram (P&ID)
 - c) GA & foundation drawings
 - d) Electrical, instrumentation & control drawings

B. Design & Supply of Decanter System

Supply of a complete three-phase decanter centrifuge package, including but not limited to:

- Design, Fabrication, Erection, and Alignment of Supporting Structures (for Decanter, Balance Oil Tank, Pumps, Decanter Cyclones, etc.).
- Three-phase decanter centrifuge suitable for palm oil sludge with provision for a flow meter and totalizer to accurately measure and record the quantity of recovered oil.
- Bowl and scroll designed for continuous heavy-duty operation
- Adjustable oil-water separation system (weir plates / impeller)
- Heavy-duty gearbox with adequate service factor
- Main drive motor and scroll drive motor with VFDs (If Applicable)
- Feed pump suitable for hot palm oil sludge
- Oil, water, and solids discharge arrangements.
- Desander Cyclone along with Orbit pumps (1 Operational + 1 Standby) for stage 1 and Stage 2
- PLC-based control panel with HMI
- All instrumentation required for safe and efficient operation
- Interconnecting piping, valves, supports, and fittings
- Electrical cables, trays, earthing materials

C. Installation & Erection

1) Design, Fabrication, Erection, and Alignment of Supporting Structures (for Decanter, Balance Oil Tank, Pumps, Decanter Cyclones, etc.).

- a) The scope includes design, fabrication, erection, and alignment of structural steel works such as columns, tie beams, bracings, decanter support structures, platforms, and other associated components.
- b) All required MS plates and structural steel sections shall be supplied by the Vendor.
- c) The Vendor shall arrange all necessary tools, tackles, scaffolding materials, consumables, and equipment required for execution of the work.
- d) Welding electrodes of suitable grade shall be used for all structural works. Approved makes include ESAB, Advani Oerlikon, or D&H Secheron.
- e) Welding electrodes of grade E6013 shall be used for general structural welding works from the approved makes mentioned above.
- f) Welded joints at saddle base plates, cross beam joints, and associated stiffeners shall be executed using multi-pass welding (minimum two passes) with E7018 electrodes, conforming to AWS D1.1-2000 or equivalent standards.
- g) Any structures or components removed by the Vendor to facilitate work access shall be reinstalled and welded back to their original position, ensuring structural integrity.
- h) Prior to application of paint, all steel surfaces shall be thoroughly prepared by removing mill scale, rust, dirt, and any other contaminants that may affect coating adhesion.
- i) External surfaces shall be coated with one coat of epoxy primer followed by one coat of finish paint.
- j) All work shall be carried out to the satisfaction of the Engineer-in-Charge of OPIL
- k) **Exclusion- Civil Foundation Work for supporting Structure (detailed Foundation drawings need to be provided).**

Remarks: Provision shall be made to accommodate the installation of a standby decanter in the future.

- 2) Mechanical erection, alignment, and grouting.
- 3) Electrical installation, cabling, and panel integration
- 4) Interconnection piping and utility hook-up
- 5) Pre-commissioning activities
- 6) All the statutory approval if required will be in the scope of vendor/Bidder.

D. Testing & Commissioning

- Cold and hot trial runs
- Performance testing with actual palm oil mill sludge
- Optimization of oil recovery parameters
- Final commissioning and handing over

E. Training & Documentation

- Operator and maintenance training
- Submission of:
 - a) Operation & Maintenance manuals
 - b) As-built drawings
 - c) Recommended spare parts list for two (2) years

F. TECHNICAL SPECIFICATIONS

The following outlines the minimum system requirements; any additional features or provisions may be incorporated into the design as deemed necessary.

Sr. No.	Equipment	Qty.	Make(s)	Size /	Remarks
				Capacity	
1. Decanter Syytem					
a	Sludge Tank	1		-	To be checked if existing tank can be used.
b	Sludge Pump for first stage	2	Orbit	Std.	1 Operational + 1 Standby.
c	Desander Cyclone for First stage	1	Alfa Laval	Std.	Single type.
d	Feed tank / Sludge distribution tank				of suitable capacity
e	Sludge Pump for Second Stage stage	2	Orbit	Std.	1 Operational + 1 Standby.
f	Desander Cyclone for Second stage stage	1	Alfa Laval	Std.	Single type.
g	Balance / Reclaimed Oil Tank	1	Reputed	5 m ³	in 6 mm IS 2062 construction with Top Cover in 5 mm IS 2062 construction & SS 304, Sch. 10, SMLS Coils.
h	Three Phase Decanter	1	Alfa Laval	20 - 30 tFFB/hr	PANX 350 or suitable for 30 Tffb/hr (with provision for standby decanter to be installed in future)
j	Solids Conveyors	2	Reputed	200 dia x 200 pitch	Trough in 5 mm SS 304 Plate suitably stiffened. End plates in 10 mm SS 304. PBL make inline helical gearbox with min SF=2.0. Drive will be complete with ABB/CG IE3 Motor & Fenner make flexible coupling with min SF=2.0. Length of Conveyors will be ~ 8.0 m and 9.0 m respectively (approx. To be cross checked with site) .
k	Motor Control Centre - 1	1	Reputed	Std.	Suitable for the above.
2. Electrical					
a	Local Push Button Station	Lot	Siemens	Std.	with lock & key type.
b	Electrical Cables	Lot	Polycab	Std.	
c	Electrical - Cable Trays	Lot	-	Std.	
d	Electrical - Miscellaneous Items	Lot	-	Std.	Weatherproof Double Compression Glands & Lugs.
3	Pipes, Pipe Fittings, Valves & Accessories	Lot	Reputed	Std.	in SS 304, Sch. 40, SMLS / IS 1239 Cl. C & SA 106 Gr. B
4	Supply and Erection Structural work with materials	Lot			Design, Supply and erection of structure suitable for accomodating and Three Phase Decanter with provision for intalling standby TPD, Feed or distribution tanks etc

D) Packing and Forwarding

All supplied items shall be properly packed and supported to avoid any damage during the transit when shipped to site. Transit insurance shall have borne by the supplier. Cost of packing, loading, forwarding shall be included in the price quoted.

E) Rate to be Quoted;

Price quoted should cover all expenses including packing, loading and transportation of materials to our factory site.

Remarks: Please note that the cumulative quoted price for all the above components will be considered for determining the lowest bidder.

Remark: Separate input should be made for basic price and GST in the BOQ for all items.

F) Pre-Qualification Criteria;

1. Manufacturer / integrator with minimum 5 years' experience.
2. A minimum of four (4) successful installations of three-phase decanter systems of similar or higher capacity in palm oil mills must have been completed within the last ten (10) years.
3. Documentary proof of supply, installation and completion certificate of similar 3 phase decanter system in palm oil mills.

G) Documents to be attached with Part-I of the Bid (Technical Bid);

1. Copy of GSTIN.
2. MSME Certificate (If any).
3. Acceptance of tender conditions by authorized signature and stamp on the copy of tender notice.
4. Document/Details for Previous experience / completion certificates (similar projects).
5. Documents related to Pre-qualification criteria. (F.1 to 3).

H) Part-II of the Bid;

Price bid forms part-II of the bid. The blank price bid should be downloaded and saved on bidder's computer without changing file-name otherwise price bid will not get uploaded. The bidder should fill in the details in the same file and upload the same back to the website.

I) Payment Terms;

1. 60% upon completion of design and supply of materials.
2. 30% upon completion of installation, testing & commissioning.
3. 10% after completion of the one-year performance guarantee period, or against submission of an equivalent Bank Guarantee valid for the performance guarantee period.

Or

Payment as per above schedule for 1 & 2 can be made against Letter of Credit (LC).

J) Earnest Money Deposit (EMD);

1. The Earnest Money Deposit (EMD) shall be remitted online to the account number in the remittance form provided by the e- Procurement system for this particular tender. Only NEFT remittance is allowed. The NEFT facility for online payment may be exercised at least 48 hours before the closing date of the bid to ensure that payment towards tender document fee and EMD are credited and a confirmation is reflected in the e-procurement system. Mode of payment other than NEFT will not be allowed.
2. An amount of **Rs.2,20,000/-** as EMD shall be deposited on line through E- Tender Portal Govt. of Kerala.
3. EMD exemptions will be provided to eligible MSME suppliers. (Document proof shall be attached along with the Tender).

K) Tender Fee;

Bidder should remit an amount of **Rs. 25,000/-** plus GST as tender fee online through E-Tender Portal. Tender fee exemptions will be provided to eligible MSME suppliers.

L) Security Deposit;

Successful bidder has to remit 5% of the contract value as security deposit and EMD will be adjusted against Security Deposit. Security Deposit will be interest free and will be refunded on successful completion of the contract. In case of failure to deposit security deposit, EMD will be forfeited. SD can also have considered for adjustment against performance guarantee.

Forfeiture of EMD /Security Deposit:

If the successful bidder commits any default or breach of any of the terms and conditions herein, OPIL shall be entitled to get compensation/ damages from the successful bidder. The defaulted bidder shall be debarred from participating in future bids at the sole discretion of OPIL. The EMD /Security Deposit submitted by the successful bidders will be liable forfeiture in the following cases:

- a. If after placing the Purchase Order, the successful bidder fails to supply the material and complete the work within the stipulated time, OPIL will forfeit the entire EMD/Security Deposit.
- b. If the successful bidders do not supply quantity within the stipulated validity period fully the proportionate Security Deposit (as converted from the EMD) for the balance quantity would be forfeited.
- c. If the bidder withdraws from the bid or vary the terms of the bid, the entire EMD shall be forfeited.

M) Other Terms:

1. The bidder must visit the site for assessing the work before submitting the quotation.
2. Fixed price: Prices quoted by the bidders shall be fixed during the period stipulated and not subject to variation on any account. A bid submitted with an adjustable / variable price quotation will be treated as non-responsive and rejected.
3. The tender should be valid for a period of **45** days from the date of opening of price bid.
4. The scope of work of purchaser (OPIL) shall be clearly mentioned in the offer.
5. Defect Liability Period: - 1 year after successful commissioning.
6. Date of commencement of work – With 1 week from the date of work order.
7. An agreement shall be executed by the both parties, Purchaser & Vendor within 15 days of confirmation of Tender.
8. Joint site inspection of supplied items: Once the material reaches the site, joint inspection shall be carried out by the vendor and the purchaser.
9. Accommodation only for site Engineer will be provided by OPIL.
10. Accommodation for Erection team has to be arranged by the Vendor/Bidder.
11. Electricity, compressed air, water will be provided free of cost.

N) Completion of work:

Supply, Erection, Installation and Commissioning of a Three-Phase Decanter Centrifuge System should be completed within 120 days of date of issue of Work Order.

GENERAL CONDITIONS

1. Purchaser: Purchaser means Oil Palm India Limited, a company registered under the Companies Act 1956 having its registered office at Kodimatha, Kottayam – 686013 and includes its successors and assigns.
2. Vendor: Vendor means the person, firm or corporation to which the purchase order is addressed. The term vendor includes its successors and assigns.
3. Delay: Time is the essence of the agreement and delivery dates are binding on the Vendor and no variation of scheduled delivery dates shall be permitted except with prior written authorization from the purchaser. In the event of delay on the part of the Vendor to deliver the goods and complete the work in full or part, the Purchaser shall have the option to recover from the vendor as agreed liquidated damage, a sum of 0.5% of the price of the contract value for each/ part of a week by which the delivery has been delayed subject however to a limit of 10% of the contract value without prejudice to purchaser's other rights mentioned in the agreement or order.
4. Non Conformance: In the event rejection of non-conforming goods. Vendor shall be allowed without any extension of delivery time to correct the non-conformities, should however, Vendor fail to do so within the stipulated time, the purchaser may cancel the order as to the non-conforming goods and shall retain the right within the respect to substitution at the cost of the Vendor, installing and removing the non-conforming goods. Alternatively, however, purchaser may at their option have the non-conformity corrected at vendor's expense. Purchaser also reserves the right to claim damages for use of defective or sub-standard goods supplied by the vendor irrespective of the fact whether goods were inspected prior to receipt at mill site by the purchaser or not.
5. Warranties/Guarantees: Vendor shall guarantee purchaser or their authorized representatives against any and all defect in the materials and performance of 12 months of operation by the Purchaser. If any defect

develops during guarantee period, it shall be remedied promptly free of cost by the Vendor and all expenses for the transportation of goods necessitated for such pairs or replacement shall be borne by the vendor. The guarantee period for the replaced goods should 12 months.

6. Right of Cancellation: The purchaser reserves the right to cancel the Purchase Order or any other part thereof and shall be entitled to rescind the contract wholly or in part by a written notice to the Vendor if:-
 - a. The Vendor does not adhere to any of the terms and conditions of the Purchase Order including general and special terms and conditions.
 - b. The Vendor fails to deliver the goods in time and/ or replace the rejected goods promptly.
 - c. The Vendor becomes bankrupt or goes into liquidation.

Upon receipt of the same cancellation notice, the vendor shall discontinue all work on the Purchase Order and matters connected with it.

The purchaser in that event will be entitled to procure the requirement in the open market and to recover the excess payment over the Vendors agreed price, if any, from the vendor.

7. Substitution and wrong supplies: Unauthorized substitution of materials delivered in error or of the wrong description or quality or supplied in excess of the quantity ordered or rejected goods shall be returnable only at the expense of the vendor after due notification to him. Vendor shall bear among other relevant charges/ transportation expenses both ways.
8. Deferment of dispatch date and storage: The purchaser shall have at his own discretion the right to ask the vendor to defer dispatch of goods. The care storage of goods during the period shall vest with vendor and all expenses in this regard shall be borne by the Vendor.
9. Confirmation of order: The vendor shall acknowledge the receipt of purchase order (by signing and sending the duplicate copy of the order) within 10 days from the date of the order and shall thereby confirm his acceptance of the purchase order in its entirety without exceptions. In case of no receipt within the time stipulated, it shall be presumed that the Vendor have accepted the order.
10. All suits or other legal proceedings in connection with any of the matters relating to this E-tender shall be instituted in the courts of Kottayam, Kerala state.

For further details if any, you may contact Senior Manager (Engineering), (Ph: 0481-2567103, 2567104, Mob-8086663712) during office hours.

Last date for submitting the bid is 05-06-2026, 2:30 PM. Technical bids will be opened on 06.06.2026, 2.30 PM.

Sd/-

MANAGING DIRECTOR