



OIL PALM INDIA LIMITED

(A JOINT VENTURE OF THE GOVT. OF KERALA AND THE GOVT. OF INDIA)

REGD. OFFICE: XIV/130, KOTIAYAM SOUTH P.O, KODIMATHA, KOTTAYAM - 686 013, KERALA PHONE: 2567103, 2567104, 2566882 F A X: 0481-2561442
GST IN: 32AAAC03695G1ZI, CIN: U01133KL 1977SGC002934 Web: www.oilpalmindia.com

OP/SME/POM/2024-25/2303

13.12.2024

E-TENDER NOTICE

Sub: Supply of material and Repair of Sterilizers 02 nos. at Palm Oil Mill, Yeroor Estate, Dist. Kollam, Kerala.

Competitive E-tenders are invited for Supply of required materials and Repair of Sterilizers 02 nos. **at Palm Oil Mill, Yeroor Estate, Bhartheepuram P. O, Anchal (Via), Kollam Dist., Kerala-691330**

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 be 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

SCOPE OF WORK

Replacement &/or Maintenance of the damaged shell portion of the sterilizer No1&2, Replacement of Rail, Lining of doors, Replacement of end portion lining of the sterilizer (Drg No. 98019-1-M3003)

Plant & Equipment:

No. of Sterilizers	- 02 (No.1 & 2)
Position	- Horizontal
Shell Length Without door portion	- 16500 MM
Total length including dish end door	- 17800 MM
Material Grade	- SA 515 Gr.70
Shell ID	- 2668 MM
Shell Thk. Top Half	- 16 MM (Material SA 515 Gr. 70)
Shell Thk. Bottom half	- 25 MM (Material SA 515Gr.70)
Insulation	- Full hot insulated except Dish End Portion
Working temperature	- 140 Deg C
Design Pressure	- 3.3 Kg/sq cm
Working Medium	- Steam

Details of work

Shut Down:

1. Palm Oil Mill shut down period starts from 26.12.2024.
2. The entire work should be completed by or before 15.01.2025.

(A) Rail Portion:

1. Cut and remove the rails (Angle rails stich welded Approx. ~15100mm length) inside the sterilizer.
2. Give necessary temporary supports inside/outside the sterilizer, if required.
3. Do the fit ups, grinding and stich welding.
4. Fabricate the new rail with ISA 150 x 75 x10 Material IS 2062 Gr.A (total length required approx. - 66 Mtr)
5. Erect the rail inside the sterilizer with correct alignment. Required cutting /chamfering should be done for the rail at site before erection)
6. Do the fit up with correct alignment with help of piano wire.
7. Do the welding.

(B) Doors:

1. Replace the inside lining of the door part of the sterilizer (Bottom half round portion) for the all 4 door areas.
2. New lining plate of rolled 8 mm Thk., material Gr SS410 Normalized or Hardened (ASTM A240) need be welded after approval of procedure.
3. Plate required for the lining Approx - 3000 mm x 1800 mm x 8 mm x 4 Nos,
4. Material Garde SS410 Normalized or Hardened will be welded using same welding procedure as used in shell welding.
5. Remove all temporary support.

(C) Shell Portion:

Shell shall be repaired using new plates lap welded to the damaged area of the shell.

Lap Joint using dissimilar material - New plates of Material Grade 410 SS Normalized or HARDENED (ASTM A240).

1. New plates over damaged area need to be welded and no cutting on shell is required.
2. New plates (slightly bended ~120° according to shell curvature, **(Refer DWG 98019-1-M3003)** of 410 SS grade Normalized or Hardened of Thk 8 mm (Total approx. replacement area -15,500 mm length x 600mm width x 4 Nos).
3. 3-6 m length of plate shall be used. However, 4 m or 6 m length will be preferred for minimizing weld joints.

4. Do the edge preparation on new plates for lap joint prior to welding.
5. Proper cleaning and grinding on shell surface need to be done prior to welding.
6. Welding of dissimilar joint will be carried out by SMAW / MIG process using SS 309 rod in root and similar rod of SS410 using approved welding procedure. however, welding parameters may be optimized/ adjusted considering site conditions.
7. Welding consumables will be approved by welding & metallurgist consultants appointed by OPIL.

Radiography Testing:

1. Total length of weld joints will have 15% radiography and no weld defect as per ASME is accepted.
2. In case any repair, removing of the weld by grinding and rewelding will be carried out.
3. Repair weld radiography of 10% need to be done.

Terms and conditions.

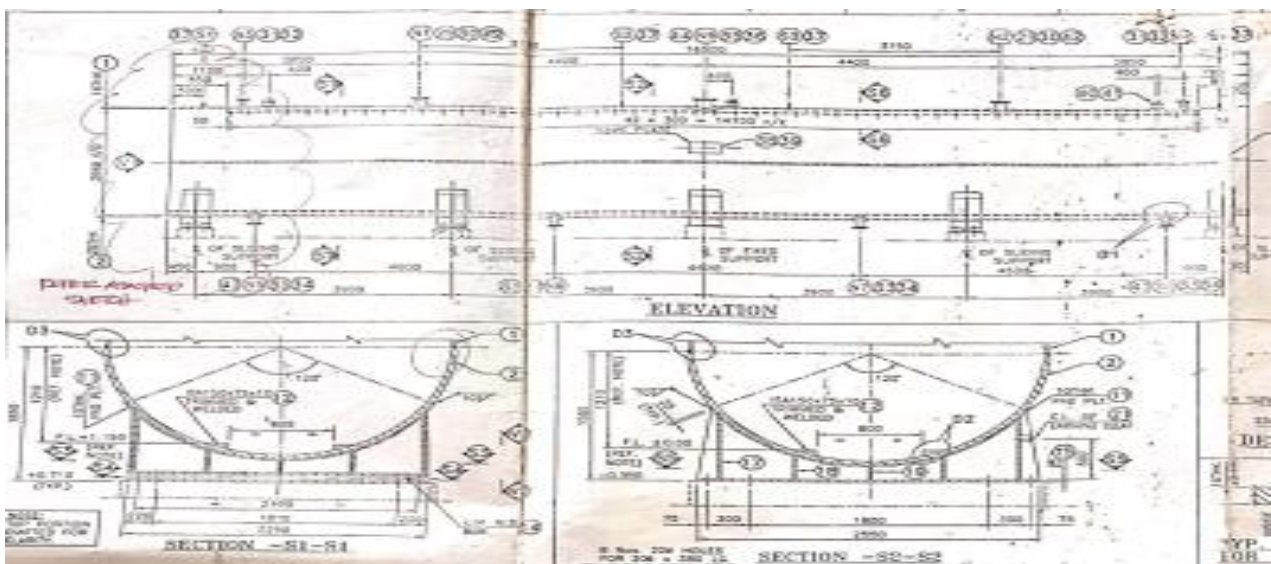
1. All the raw materials & welding consumables required for the work should be supplied by the contractor.
2. Plates and angles used for replacement should be of make of standard manufacturer such as SAIL/RINL/Jindal or similar reputed manufacturer approved by OPIL/Consultant.
3. Material test certificate (MTC) from the manufacture should be submitted to OPIL.
4. All consumables like welding rod/filler wire, cutting wheel, grinding wheel, LPG, Oxygen, Gas required for MIG welding, pre-heat & post heat treatment/ stress relieving etc. should be arranged by the contractor.
5. All weld joint should be done by SMAW / MIG process. Electrodes/ wire from standard manufacturer shall be used for welding process.
6. Equivalent filler/wire should be used for welding process.
 - Root joint using SS309 electrode/wire of buttering layer.
 - Final & cap using SS410 electrode/wire
7. Welding consumables Make: D&H/ ESAB/ Lincoln
8. All tools and tackles required for the work should be arranged by the contractor.
9. All skilled labors, supervisors required for the work should be arranged by the contractor.
10. Qualified welders should be engaged for welding work, preferably IBR approved welder.

11. All safety precautions must be taken by the contractor during the working time.
12. Electric power supply, water and compressed air required for the work shall be provided free of cost at site by OPIL at one point near sterilizer.
13. Marking, cutting & Rolling work should be done by the contractor, after taking exact measurement from site. Ready to use plates or angle etc can be bring from the contractor workshop, or plate bending machine can be bring at site for plate bending.
14. Bending angle can be seen from the drawing and according bended plate need to be welded.
15. All Repair & welding work will be supervised by OPIL welding & Metallurgy expert.
16. Contractor may visit the site for clarity of work on their own expenses if required.
17. Material supplied & workmanship to be guaranteed and any defection welding & workmanship shall be done free of cost for a period of six months.
18. Boarding, lodging and transportation will be in the scope of bidder.



Sterilizer door -4 nos.

LOCATION OF PLATES TO BE REPAIRED (Curved profile)



Rate to be Quoted:

Price quoted should cover all expenses including supply of materials and repair job at our factory site.

Pre-Qualification Criteria :

1. Contractor shall have experience of similar work or worked on process/ power plant fabrication/ repair & maintenance job.
2. Should have done minimum two similar works of valuing Rs. 5 lakhs or above during the last 3 years.

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

1. Copy of GSTIN
2. Acceptance of tender conditions by authorized signature and stamp on the copy of tender notice.
3. MSME certificate if applicable.
4. Work Order copies for supporting PQ criteria listed above.

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 49,000.00 as EMD shall be deposited through on line as per the details of e- Procurement system.
3. EMD Exemptions will be made for MSME suppliers. (Document proof shall be attached along with the Tender).

Tender Fee;

Bidder should remit an amount of Rs 1000/- as tender fee online through e-procurement system.

Part-II of the Bid:

1. 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.
2. Amount shall be quoted in Lump-sum.

Payment Terms:

100% payment be made within 15 days after successful completion of supply and repair work.

Delivery Period:

Supply and repair work to carried out during annual Shutdown from 26.12.2024 to 15.01.2025.

Other Terms;

1. 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.
2. The tender should be valid for a period of 30 days from the date of opening of price bid.

GENERAL CONDITIONS OF PURCHASE

1. **Purchase:** 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 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 six months of operation by the Purchaser. If any defect develop 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 six 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.
11. 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 21-12-2024, 2:30 PM. Technical bids will be opened on 23-12-2024, 10:30 AM.

**Sd/-
Managing Director**