

**TRAVANCORE TITANIUM PRODUCTS LTD.
KOCHUVELI P.O, THIRUVANANTHAPURAM-695 021
(A Government of Kerala Undertaking)**

TENDER NOTICE

Tender No: PROJ/ Detailed Engineering/White end/22-23

Date: 30.01.2023

Sealed Tenders are invited by Travancore Titanium Products Ltd., Kochuveli P.O, Thiruvananthapuram-695 021 from competent Contractors/firms for executing the following work.

Sl.No.	Name of Work	Designing and detailed engineering for White end Filter Press building with foundations for the installation of Press Filter (2 Nos.)
1.	PAC Amount (excluding GST)	Rs. 1,40,000/-
2.	Period of completion	ONE Month
3.	Cost of Tender form	Rs.590/- (inclusive of GST)
4.	EMD	Rs.2,100/-
5.	Last date and time of receipt of Tender/Bids	Up to 12.00 hrs. on 10.02.2023
6.	Date and Time of Opening of Tender	At 14.00 hrs. on 10.02.2023

The tender shall be enclosed in an envelope, sealed and superscribed with "Tender No. & date, due date and the name of work. The same shall be forwarded to the **"Dy. General Manager (Proj.), Project Department, Travancore Titanium Products Ltd., Kochuveli P.O, Thiruvananthapuram, Kerala-695021"**.

Tender form can be had from the office of the undersigned between 9.00am and 3.00pm on all working days except Saturdays on remitting the tender cost of Rs.500/- plus GST @18% (Total: Rs. 590/-).

The Tender document can also be downloaded from our Website www.travancoretitanium.com and shall submit the Tender along with DD against the Tender Form cost & EMD in favour of Travancore Titanium Products Limited payable at Thiruvananthapuram.

The bids will be opened on 10.02.2023, 2.00 p.m in presence of the bidders who are present at that time.

For TRAVANCORE TITANIUM PRODUCTS LTD.,



Dy. General Manager (Proj.)

Encl: 1. Proforma(Page No.6)
2. Drawings (3 Nos.)

Signature of the Bidder:

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SCOPE OF WORK: Design and Detailed Engineering service for white end filter press building.

1. Foundation for Press Filter.
2. Foundation for Belt Conveyor
3. Building Design- 16m x 9m, two storied building
4. Roofing with monorail with 5 MT capacity- 2 Nos.
5. Foundation for 35KL Tank- 2 Nos.

I. MCC Room requirement:

- (i) The MCC room shall have at least 5 meter height
- (ii) The MCC room shall be completely leak proof and shall be covered with bricks/blocks in all the four sides
- (iii) The Approximate weight of MCC panel will be 60 MT.
- (iv) The cable shall be routed from the top of the panel (Top Entry).
- (v) Each Panel shall have at least 1.5 meter and 1 meter clearance at the back and front side respectively
- (vi) The MCC room shall be fitted with 2 Nos. of aluminium fabricated sliding two door windows. One door shall be at least 2.5 meter width & 3 meter height.
- (vii) At least two exit doors shall be provided .The door shall be open towards outside.
- (viii) Two Nos. of for 450mm heavy duty exhaust fans are required. Adequate ventilation hole shall also be provided with air filter to prevent the entry of dust inside the MCC room.
- (ix) Adequate provision for inserts shall be provided at the top side of MCC room for cable supports

II. White End Filter Press Building requirement:

- (i) An MCC Room for Electrical section is to be made available in the ground floor of the Press Filter Building. The detailed requirement for MCC room is attached along with. It may be noted that, the room shall be designed in such a way that the norms and conditions for constructing MCC rooms stipulated by Electrical Inspectorate and other statutory bodies shall be incorporated.
- (ii) The Press Filter is to be made available in the First Floor level of the building. The detailed drawings such as GAD and P & ID of the press filter are attached along with. The load, dimensions and other relevant details are mentioned in the drawings.
- (iii) Foundation for press filter is to be considered in such a way that the legs of the press filter is to be installed in the floor level of the first floor or at a minimum foundation height.
- (iv) Two tanks, one for feed pulp and other for discharge cake processing shall be considered in the ground level. The provision for feed pump and discharge pulp pump is to be considered.
- (v) A provision for drawing the cake discharge after the belt conveyor of press filter is to be considered. The discharge cake from the belt conveyor of the press filter is to be carried to the tank where discharge cake is converted to pulp.
- (vi) Monorails for lifting and transferring the parts of press filter as well as tank agitators and pumps shall be considered.

- (vii) An operating platform around the press filter with a width of at least 1 m all around the press filter is to be considered.
- (viii) Foundation for power pack of the press filter is to be considered accordingly.
- (ix) Provision for road access for transferring the pump and agitator is to be considered.
- (x) A basic layout for discussion purpose is also attached along with. The dimensions in the layout are subjected to vary upon further discussions.
- (xi) Sufficient space for approach road to TDP Plant to be provided in Northern and Western side of building for the hassle free transportation of machines.

GENERAL TERMS & CONDITIONS:-

1. Eligibility & Pre Qualification criteria:

- 1.01 Bidders demonstrating at least five (05) years of experience in designing of Infrastructure projects. Please provide details of the job undertaken with satisfactory certificate from client.
- 1.02 The bidder should be entitled as licensed structural engineer from competent institute of repute (i.e. Government body, Institute of Engineers India)
- 1.03 The Bidder should have participated in at least three projects for State Government / Central Government Companies (to be supported with certificate of completion from respective authority).
- 1.04 The Bidder should have turnover of Rs.20 Lacs/annum. Individual chartered/licensed Engineers or firms are also eligible provided they meet eligibility criteria.

2. Other Conditions

- 2.01 It is no binding on the company to accept the lowest offer. The company reserves the right to cancel/ postpone the tender or to reject any or all tenders without assigning any reason.
- 2.02 Exemption in Tender Form Cost and EMD is as per Govt. rules.
- 2.03 EMD: The Tenderer should remit EMD in cash/DD and proof of thereof should be enclosed along with the tender. Other mode of remittance will not be accepted.
- 2.04 **Completion Period:** The work should be completed within **30 days** from the date of issue of Work Order. The work should be commenced **immediately** from the date of issue of Work Order.
- 2.05 **Security Deposit:** Within 15 days of award of contract, the successful Tenderer shall deposit a sum equivalent to 5% of total contract value towards Security Deposit. This shall be paid in the form of Demand Draft in favour of Travancore Titanium Products Limited payable at Thiruvananthapuram from a Nationalized Bank. The Security Deposit shall be returned after satisfactory completion and acceptance of all works included in this tender unless the same is forfeited by the company for any breach or towards any amount due to the company.
- 2.06 It is entirely the contractor's responsibility to provide all safety equipments wherever necessary to their workmen. The company is in no way responsible for any kind of injury, disability or death of contractor's workmen due to non-compliance of safety regulations.

- 2.07 **Liquidated damage:** The work should be completed within the time limit stipulated in the work Order. 1% of the contract amount will be levied per week for delay as liquidated damages, subject to a maximum of 10% of the contract value.
- 2.08 The bidder shall visit the work site and assess the nature of work and may collect all details related the work from the officer-in-charge, before Quoting.
- 2.09 The amount should be quoted only in the Proforma attached in Page No. 6 of the Tender document. The amount quoted by the Contractor shall be firm throughout the Contract period and there shall be no upward revision of the amount quoted by the Contractor for any reasons whatsoever.
- 2.10 All questions/ disputes arising out or in connection with this tender shall be decided by the Managing Director of the company and his decision shall be final and binding to all tenderers.
- 2.11 The Company reserves the right to cancel the Work Order forfeiting security deposit if the work is not started within 10 days from the date of receipt of Work Order and also to terminate the contract at any time if the work is not done with proportionate progress to the satisfaction of the company officials and in all such cases the company will be at liberty to get the work done in any manner that the company thinks fits and all losses and damage sustain by the company in this regard will be recovered from contractor and his assets
- 2.12 The bidder shall submit Tender Document duly filled and signed along with the enclosures mentioned in the tender document within the time stipulated in the tender notice. Bids should bear the signature of the bidder in all pages.
- 2.13 The bidder shall remit the tender form cost and EMD as given in the tender document. The bids without remitting tender form cost and EMD will be rejected.
- 2.14 All statutory deductions such as Income tax, Kerala Constructions workers Welfare funds etc., will be made from the contractors bill as per rule.

3. **Payment Terms :**

- i) **100 %** value of Work Order:
- ii) Upon the submission of Structural Design Report, Approved GFC structural & architectural drawings, BOQ estimation with specification for MCC Room & White End Filter Press Building.

For TRAVANCORE TITANIUM PRODUCTS LTD.,



Dy. General Manager (Proj.)

PARTICULARS OF TENDERER

1. Name of the Bidder:
2. (a) Registered office address of the Bidder:

(b) Address for correspondence:
3. Phone No.:
4. Mobile No.:
5. e-mail address:
8. Status of the tenderer (Individual, Prop. firm, Partnership, Ltd. Company, Co-operative Society, Others):
9. Registration No.:
10. Year of establishment:
11. PAN:
12. GST Registration No.
13. ESI Registration No.
14. PF Registration No.
15. MSME (if applicable) registration number:
16. Name and address of Proprietor/ Partners/ Directors:

DECLARATION

We/ I confirm that we/ I have read and understood all Tender conditions and we accept all tender conditions in its entirety.

Date:

Signature:

Name of Person signing:

Tenderer's Name and address with seal:

Signature of the Bidder:

PROFORMA

Sl. No.	DESCRIPTION	AMOUNT (Rs.)
1.	DESIGN AND DETAILED ENGINEERING DRAWING PREPARATION FOR WHITE-END PRESS FILTER FOUNDATION AND BUILDING.	
	GST AMOUNT	
	GRAND TOTAL (ALL INCLUSIVE)	

Note: Please mention % of GST at the space provided. If not mentioned, the rate will be considered as Inclusive of GST.

GST Registration No. :

EMD Remittance details:

Signature of the Tenderer:

Name & Address. :

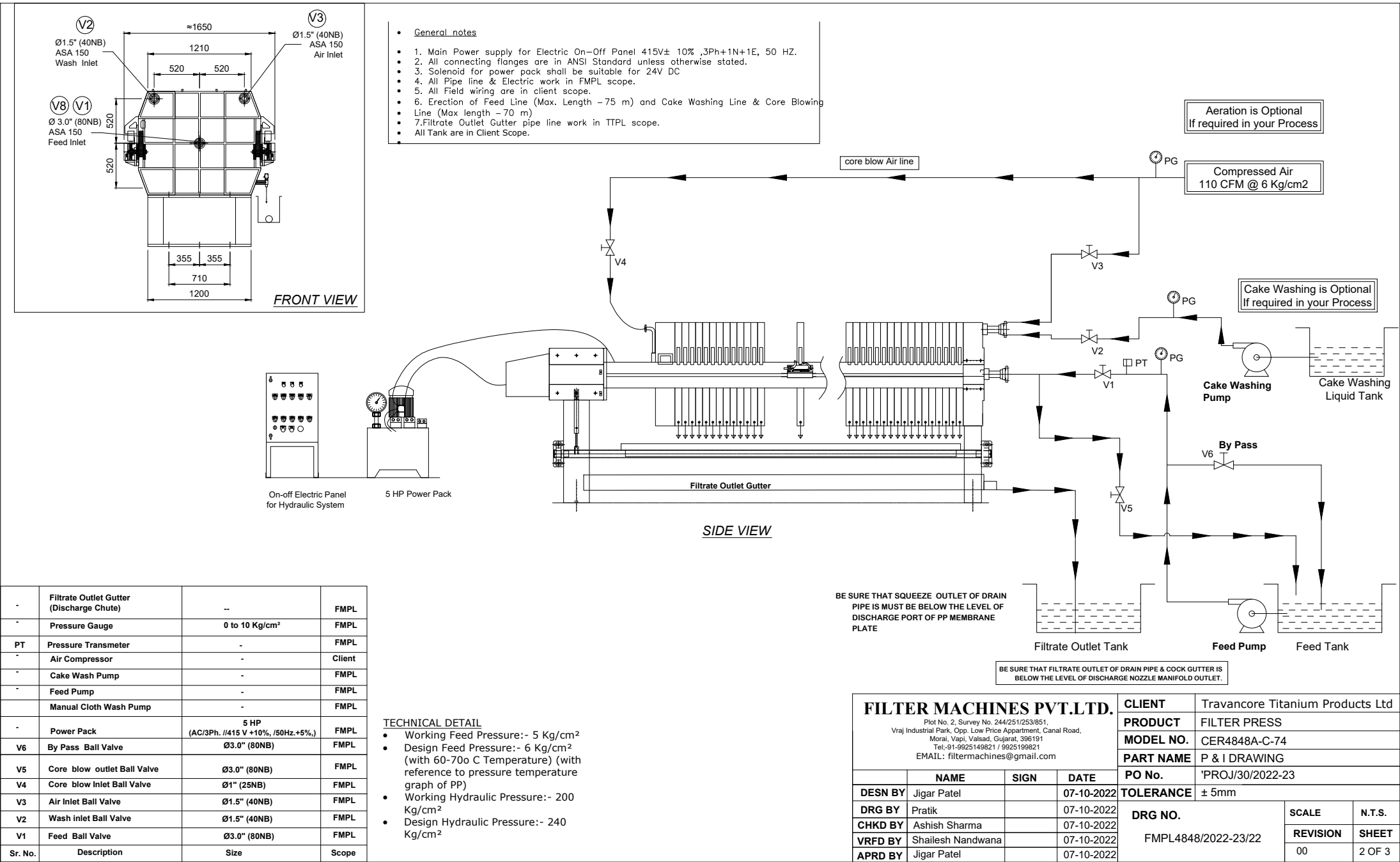
Phone no. :

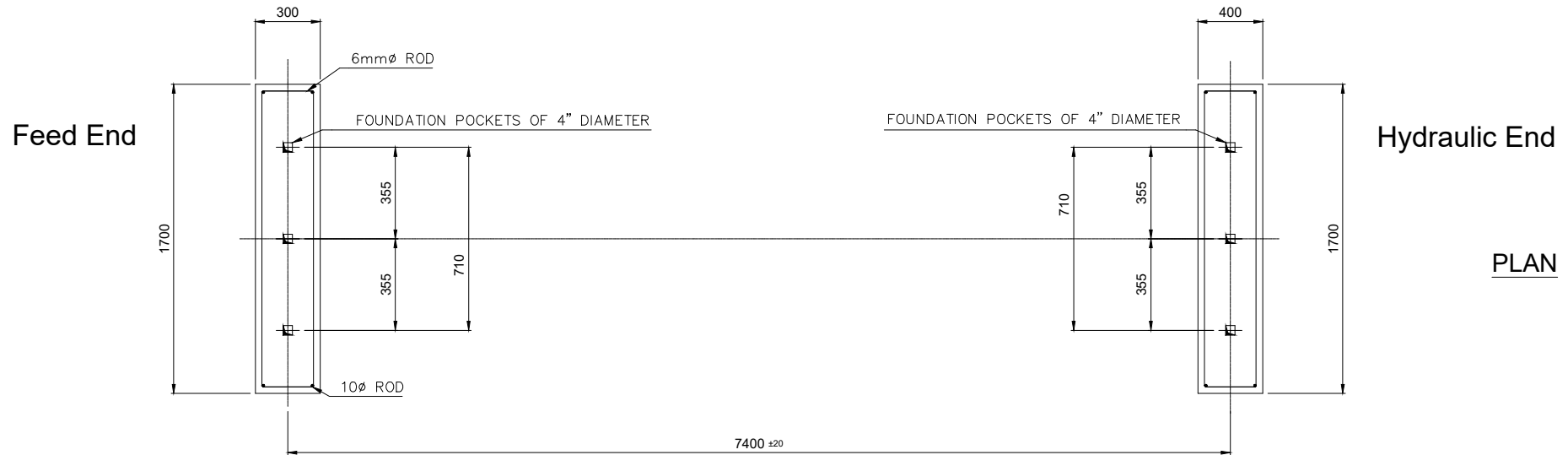
Mobile No :

e-mail :

Signature of the Bidder:

Note :- FOR THE PURPOSE OF INNOVATION & IMPROVEMENT;FILTER MACHINES PVT LTD. RESERVES THE RIGHT TO MAKE CHANGES TO THE EQUIPMENT OR SYSTEM WITHOUT PRIOR INTIMATION





Note :-

- 1] LOAD FOR FOUNDATION :- $14200 \times 1.5 (\text{Safety}) = 21300 \text{ KG}$
- 2] ALL FOUNDATIONS TO BE CONFIRMED BY YOUR ARCHITECT/CIVIL ENGINEER.
- 3] FOUNDATION BOLT & CIVIL WORK IN CLIENT SCOPE.

FILTER MACHINES PVT.LTD. Plot No. 2, Survey No. 244/251/253/851, Vraj Industrial Park, Opp. Low Price Apartment, Canal Road, Morai, Vapi, Valsad, Gujarat, 396191 Tel:-91-9925149821 / 9925199821 EMAIL: filtermachines@gmail.com				CLIENT	Travancore Titanium Products Ltd		
				PRODUCT	FILTER PRESS		
				MODEL NO.	CER4848A-C-74		
				PART NAME	Foundation DRAWING		
	NAME	SIGN	DATE	PO No.	'PROJ/30/2022-23		
DESN BY	Jigar Patel		07-10-2022	TOLERANCE	± 5mm		
DRG BY	Shailesh Nandwana		07-10-2022	DRG NO. FMPL4848/2022-23/22	SCALE		N.T.S.
CHKD BY	Ashish Sharma		07-10-2022		REVISION		SHEET
VRFD BY	Shailesh Nandwana		07-10-2022		00		3 OF 3
APRD BY	Jigar Patel		07-10-2022				