

TRAVANCORE TITANIUM PRODUCTS LIMITED

(A Government of Kerala Undertaking)
Kochuveli, Thiruvananthapuram -21, Kerala
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Date: 30.07.2021

e-Government Procurement (e-GP) E- TENDER NOTICE

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

Re-TENDER NO: TTPL/PROJ/ Civil-NP/RT/21-22

1.	Name of Work	Construction of roof and monorail beam for Filter Press building at TTPL, Trivandrum
2.	Estimate Amount (PAC)	Rs. 15,68,600/- (excluding GST)
3.	Earnest Money Deposit (EMD)	Rs.23,530 /-
4.	Tender Submission Fee	Rs.2,950/- (inclusive of GST)
5.	Period of completion	3 Months
6.	Tender documents	Can be downloaded from the website www.etenders.kerala.gov.in
7.	Pre-bid meeting	12.08.2021 at 11.00 hrs.
8.	Last date and time of submission of Tender/Bids	25.08.2021 upto 12.00 hrs.
9.	Date and Time of Opening of Tender	27.08.2021 at 14.00 hrs.
10.	Form of Contract	Item rate
11.	Schedule taken	DSR 2016 with Cost index 1.3793

TENDER FOR CONSTRUCTION OF ROOF & MONORAIL BEAM FOR PRESS FILTER BUILDING

Re-Tender No. TTPL/PROJ/Civil-NP/RT/21-22

Dated: 30.07.2021

TECHNICAL AND COMMERCIAL BID (PART-A)

01. PREAMBLE

- 01.01** e-tender quotations are invited in Two Part System from experienced bidders/firms for detail engineering, fabrication, painting, supply and erection of Roof and Monorail beam for Press Filter Building proposed to be constructed at Travancore Titanium Products Limited, Kochuveli, Thiruvananthapuram.
- 01.02** Travancore Titanium Products Limited (TTPL), owned by the Government of Kerala, is the largest producer of Anatase grade TiO₂ pigment in India through sulphate route process. TTPL proposes to Install a new press filter in the existing building at Neutralization Plant.
- 01.03** The technical specification for engineering, fabrication, painting, supply and erection of Roof and Monorail beam for Press Filter building tender document. These documents are complementary to each other and anything called for by one and not by the other shall be considered as binding, as if called for by one and all.

02. INTENT OF SPECIFICATION

- 02.01** These instructions to tenderers form a part of the tender document and shall be read in conjunction with invitation to tender, instruction to tenderers and other conditions of contract for supply. All these documents forming the tender document shall be as a whole comprise the complete specification. They are complementary and anything called for one and not by others shall be considered as binding, as though called for by all. In case of contradiction between technical specifications and other attached documents, data in technical specification shall govern.
- 02.02** The intent of this specification is for engineering, casting, fabrication, painting, supply and erection of Roof and Monorail beam for Press Filter Building at Travancore Titanium Products Limited, Kochuveli, Thiruvananthapuram.
- 02.03** Roof and Monorail Beam to be installed at Neutralization Plant of M/s.Travancore Titanium Products Limited, Kochuveli, Thiruvananthapuram, Kerala, India. The General site data is given in **Annexure-A**.
- 02.04** Any additional equipment and materials which are not specially mentioned in the technical specification but are required to make the system complete in all aspects for operation and guaranteed performance shall be under the scope of these specifications.

03. SCOPE OF WORK

- 03.01** The Scope of work covers engineering, casting, shop fabrication, shop painting, supply, erection and final painting at site, Roof and Monorail beam for Press at Filter Neutralization Plant in Travancore Titanium Products Limited, Kochuveli, Thiruvananthapuram.
- 03.02** Minor civil work like grouting of structure as part of erection including supply of grouting materials and support fixing, reinforcing of support plate are included in bidder's scope.
- 03.03** The engineering & technical services of the bidder shall generally include amongst others the following.
- 03.03.01** Preparation of fabrication drawing and submitted for check and approval.
 - 03.03.02** QAP for supply items as well as site work.
 - 03.03.03** All coordination relating to fabrication, supply, transportation, inspection and all other services till handing over of the plant & equipment.
 - 03.03.04** After completion the erection need to submit as built drawings.

04. TECHNICAL SPECIFICATIONS

04.01 Preferred Equipment Suppliers:

Sl. No.	Equipment	Preferred Equipment Suppliers
1.	Cement	Ultratech/Ambuja/Dalmia/Ramco
2.	TMT Steel	TATA/Vizag/Jindal/Sail
3.	Structural Steel	TATA/Jindal/Visa/Sail
4.	Paints	Asian/ J&N/Shalimar

If bidder offer for any other make it should be specified and get approved from TTPL.

05. EXECUTION METHODOLOGY

05.01 Basic Engineering Data

The basic engineering package is already prepared and supplied by technology provider. All design and General arrangement drawing supplied by TTPL along with work order.

05.02 Detailed engineering

The detailed engineering (fabrication drawing) is proposed to be under the scope of the tender. Any technology gap may be filled in by the supplier in that respective area.

05.03 Construction

05.03.1 Handling of material – To maintain quality and finish of the material, avoid rusting and all fabricated parts should be cleaned for residues.

05.03.2 Welding- No welding shall be undertaken until the welding procedure and welder's qualifications have been approved by TTPL or its authorized inspection agency. All welding shall be done with electrodes, fillers, and fluxes of reputed make and the brand name shall be specifically approved by TTPL.

- 05.03.3 Transportation- Transportation of materials either fully fabricated or semi-fabricated items or any material in connection with the work are under the scope of the bidder.
- 05.03.4 Loading and unloading- Loading and unloading of the materials either at the bidder's site or at TTPL's work site are under the scope of the bidder. The bidder shall make all arrangements to unload the material at site and keep the material at allotted storage area. All security arrangements also shall be made by the bidder.
- 05.03.5 The bidder should arrange all necessary construction tools and tackles; in order to expedite the entire work
- 05.03.6 The bidder shall provide all temporary ladders, scaffoldings, platforms, supports and other necessary facilities required for handling, erection, testing and visual inspection of supplies at the point of installation and shall also provide necessary packing plates, wedges, shims, leveling screws, etc. required for erection of work.
- 05.03.7 Construction Power and Water
The purchaser shall make available construction water at one point and construction power at one point free of cost. The bidder shall make his own arrangements for further distribution at his end.
- 05.03.8 The bidders shall provide erection consumables like oxygen and acetylene gas, welding rods, solder lugs, oil, grease, kerosene, cotton waste, etc required for erection of Foundation and Roof for Press Filter.
- 05.03.9 All precision survey instruments including leveling instruments, theodolite, etc, shall be arranged by the bidder.
- 05.03.10 The bidder shall be responsible for checking the correctness of erection of all structures and ancillary systems including accessories as per the specification.
- 05.03.11 All necessary checks / tests shall be conducted during execution by the bidder.
- 05.03.12 The bidder shall visit and study location before submitting the tender
- 05.03.13 Painting
- All components and members of steel work shall be given two coats of chlorinated rubber paint over one coat of zinc phosphate primer (conforming to IS: 2074) or any other primer as specified, in the tender, immediately after the surfaces have been properly prepared (i.e. degreased, derusted, descaled & cleaned) in accordance with IS: 1477 or 6-44-0004, as applicable. The primer coat shall be applied over completely dry surfaces (using brushes of good quality) in a manner so as to ensure a continuous and uniform film without "holidaying". Special care shall be taken to cover all the crevices, corners, edges etc. However, in areas which are difficult to reach by brushing, daubers/mops shall be used by dipping the same in paint and then pulling/ pushing them through the narrow spaces. The primer coat shall be air dried and shall have a minimum film thickness of 25 microns after drying, as applicable.
 - Surfaces which are inaccessible after assembly, shall receive the full specified protective treatment before assembly (this shall not apply to the interior of sealed hollow sections).
 - Steel surfaces shall not be painted within a suitable distance of any edges to be welded if the paint specified would be harmful to welders or impair the quality of the welds.

- Welds and adjacent parent metal shall not be painted prior to deslagging, inspection and approval by the Engineer-in-Charge.
- Parts to be encased in concrete shall have only one coat of primer and shall not be painted after erection.

06. Drawings and documents to be submitted by the bidder after the award of the contract for approval by TTPL

06.01 Quality assurance plan.

06.02 Fabrication drawing.

The above list is not exhaustive. Any other drawings and documents required to make the system complete in all respects and necessary for the optimization and speedy construction shall be submitted by the bidder.

The approval given by TTPL shall not relieve the bidder from his obligations and responsibilities as per the contract.

07. OTHER CONDITIONS

07.01 This is a TWO PART e-Tender with Pre-Qualification. The bidder should have necessary enrolment in the portal etenders.kerala.gov.in with their own Digital Signature Certificate (DSC) to participate in the tender. The bids shall be submitted through the said portal. The bidder shall also submit Original Tender Document, duly filled and signed along with Cost of Tender form, EMD, enclosures mentioned in the tender document etc, within the time stipulated in the tender notice.

07.02 This tender document is issued to you for submitting your lowest offer for the subject work. You are requested to quote as per the BOQ in the portal. The rates and prices quoted by the Tenderer shall be fixed and firm till the completion of the contract. The details shown against scope are only approximate and hence any reduction/increase in the quantity of work shall not violate the contract. The tenderer shall complete the work at the rates accepted even if the quantity is increased or decreased at the same rates/terms and conditions.

07.03 The work shall be undertaken on a continuous basis ie., round the clock, 7 days a week without interruption till the jobs are satisfactorily completed. Manpower and adequate supervision shall be arranged for round the clock working at site. The tenderer shall comply with the rules of the company for engaging men beyond normal working hours.

07.04 Even though a tenderer may satisfy the PQ requirements, he would still be liable to "disqualification" if he has:

- 07.04.1 Made misleading or false representation or deliberately suppressed information in the forms, statements and enclosures required in the pre-qualification documents.
- 07.04.2 Record of poor performance such as abandoning work, not properly completing the contract, or financial failures/weaknesses, etc.
- 07.04.3 Does not possess sufficient manpower, equipment or resources as may be required for the satisfactory completion of the work now tendered.
- 07.04.4 Indulges in any sort of canvassing/influencing.

07.05 The decision of the Managing Director, TTPL shall be final and binding to both parties. Managing Director, TTPL reserves the right without being liable for any damages or obligations to the TENDERER to:

- 07.05.1 Amend the Scope and Value of the Tender.
- 07.05.2 Reject any or all the Tenders without assigning any reason.

08. PRE-QUALIFICATION CRITERIA

1. The bidder shall have experience in executing similar work during the last **5 years**. For proof of requisite experience, the bidder shall submit satisfactory completion certificate for the work done and purchase order/ work order for the respective completion certificate, TDS in the designated cover.
2. The bidder should have PAN, GST, ESI, PF registration. The firm shall be registered with registrar of companies / Partnership firm / Proprietorship in India.
3. Partnership firms shall furnish full names of all partners in the tender. It may, however, be signed in the partnership name by one of the partners or by a duly authorized representative, followed by the name and designation of the persons signing.
4. Those companies / firms not having the ESI or EPF shall provide affidavit stating the facts as per ESI and EPF rules in the company letterhead.
5. Joint venture / Consortium shall not be permitted.
6. The annual turnover of the bidder should not be less than 100% of PAC value during the last three preceding years. (Audited balance sheet, profit and loss account of the last 3 financial years shall be submitted in the designated cover)
7. The bidder should have valid registration number issued by Income Tax Authorities

(The proof of the above shall be submitted as PDF format in designated covers)

09. SUBMISSION OF TENDERS

09.01 The bid shall be in two parts. Part-A (Techno-Commercial bids) and Part-B: Bill of Quantity (BOQ) as detailed below.

09.02 Part-A (Techno-Commercial Bid)

The following documents have to be uploaded along with Part-A of the bid.

- 09.02.1 List of clients where similar works were done for the last five years and documents verifying the claim including work order or contract agreement or letter of successful completion from the client.
- 09.02.2 Proof of remittance of cost of tender form and EMD.
- 09.02.3 Signed copy of the tender document.
- 09.02.4 Copy of audited Balance Sheet along with Profit and Loss Account statement of the firm for the last three financial years (Year 2017-18, Year 2018-19 & Year

2019-20). Firms showing continuous losses for the last three years in the Balance Sheet are not eligible to participate in the tender.

09.02.5 Income Tax return of last 3 financial years and details of PAN.

09.02.6 Copy of GST registration.

09.02.7 If a partnership firm, the Partnership deeds and registration certificate of the firm and reconstitutions. If a company, (1) company registration certificate (2) copy of Memorandum and Articles of Association.

09.03 Other Documents

09.03.1 Filled and duly signed copy of Letter of Transmittal - **Annexure B**

09.04 Part-B the Price Bid

Part-B as Bill of Quantity (BOQ) of the tender shall be uploaded as per specified format.

09.05 Both Part-A and Part-B shall be uploaded through e-tender portal. The last date of submission of offer will be on **25.08.2021** up to **12.00 hrs**. The Part-A will be opened on **27.08.2021** at **14.00 hrs**.

09.06 Part-A documents shall be downloaded from the web site www.etenders.kerala.gov.in and the same shall be uploaded after duly filled wherever required, signed and affixed with seal on all pages on or before **12.00 hrs** on **25.08.2021**.

09.07 Part-B of the tender ie BOQ (Bill of Quantity) shall be downloaded from the portal and same shall be uploaded after duly filled on or before **12.00 hrs** on **25.08.2021**. Do not quote/mention rates anywhere else other than BOQ.

09.08 Prices quoted shall be fixed and firm till completion of the job. The total price quoted only will be taken for price bid evaluation.

09.09 All taxes, duties, levies or assessments of any kind at present are to be included in the quoted price. The bid shall clearly indicate incidence of taxes and duties.

09.10 Bids from bidders against whom any criminal case, investigation/report by the authorities like Vigilance, CBI etc are pending or bidders who are defaulting bidders of TTPL shall be disqualified and rejected.

09.11 Late tenders and conditional tenders are liable to be rejected. The company does not bind itself to accept the lowest or any tender or give any reasons for not doing so.

10. PROCEDURE FOR SELECTION OF SUPPLIER

10.01 Pre-bid meeting - There will be a pre-bid meeting scheduled at **11.00 hrs** on **12.08.2021**. For any clarifications to the tender especially the technical part. Bidders are advised to attend the meeting and take advantage of the opportunity to get apprised about the tender for submission without any errors.

10.02 The price bids of only those bidders who qualify as per Part-A will be opened for final evaluation.

10.03 If there is a tie in the L1 position, the tie shall be broken by obtaining revised rates from the L1 bidders and the evaluation process repeated.

11. COST OF TENDER FORM AND EMD

11.01 Cost of tender form is Rs.2,950/- (inclusive of 18% GST) and EMD shall be Rs. 23,530/-. The payment for cost of tender form and EMD is made together in a single transaction through online SBI internet banking. Otherwise tender will be rejected.

11.02 EMD of the unsuccessful bidders will be refunded after the contract is finalized.

11.03 If any bidder retracts from or revises his bid during the validity period or fails to submit Security Deposit and execute the required agreement when the contract is awarded or fails to commence the execution of work on the stipulated work, the EMD shall be liable to be forfeited without prejudice to TTPL's right to claim damages.

12. VALIDITY

The tender shall remain valid for 90 days from the date of opening the Techno-Commercial bid (Part-A). No bidder without permission of TTPL can withdraw the offer or revise the quote within the aforesaid period of 90 days. If the bidder withdraws/revises/revokes or expresses unwillingness to confirm with his offer, the EMD remitted by the bidder against this tender shall be forfeited by TTPL without prejudice to TTPL's right to claim damages.

13. SECURITY DEPOSIT FOR SUCCESSFUL TENDERERS

Within 15 days of issue of letter of acceptance, the Contractor should submit 3% of the Contract Value as Performance Guarantee. Of this, 50% of the Performance Guarantee shall be in the form of Treasury Fixed Deposit. Balance 50% of the Performance guarantee shall be in the form of Bank Guarantee. In addition to Performance Guarantee, Security Deposit shall be collected by deduction from the running/final bill of the Contractors @ 2.5% of the gross amount of each running and / or final claims. **On satisfactory completion of the work the security deposit deducted @ 2.5% from each RA bill will be released.**

14.01 On completion of Defects Liability Period, the Engineer-in-Charge shall recommend on-demand from the Contractor to refund to him the performance guarantee and the same will be refunded by the Travancore Titanium Products Ltd. provided that the Engineer-in-Charge is satisfied that there is no demand outstanding against the contractor.

14.02 All the deposits of EMD AND SECURITY DEPOSIT will not bear any interest whatsoever.

14.03 Additional Performance Guarantee is waived for the low quoted items on the condition that the bidder shall furnish an undertaking to execute all low quoted items in full as per contract terms.

14.04 Income tax at the rate prevailing at the time of payment will be deducted from each running bill and final bill.

14.05 All statutory payments in connection with the employment of the workmen for this work will be borne by the Contractor.

14.06 The Contractor is the employer of all the worker's engaged for this work and should therefore take all required registrations, PF, ESI, insurance cover, etc. and pay amount due to labour welfare funds constituted by the Union Government and Government of Kerala from time to time, if applicable.

- 14.07** All statutory deductions at the rates applicable shall be made from the amount eligible to the Contractor in each part bill at current rates. Any tax omitted to be deducted in any part bill shall be deducted in the subsequent bills/final bill or from any amount due to the Contractor.
- 14.08** The contractor shall produce all necessary documents from the Goods and Service tax department.
- 14.** The tenderer shall be deemed to have full knowledge of all relevant details of the works to be executed and studied the site conditions prevailing at work site, before submitting the tender. The safety regulations applicable to the work are given in **Annexure- C**.
- 15.** After award of the contract , should it appear to the company that:
- 15.01** The successful tenderer is not executing the order in accordance with the contract,
- 15.02** The successful tenderer is not adhering to the phased programme as agreed to or that successful Tenderer is not proceeding fast enough to ensure the completion of the work by the time stipulated in the order of that such time has already expired,
- 15.03** The successful Tenderer has failed to carry out the reasonable instruction of the authorized representatives of the company, and
- 15.04** The successful Tenderer has committed any other breach of the contract, the company may at the expense of the successful Tenderer and without prejudice to any other right of the company,
- 15.05** Perform itself such portion of the work as the successful tender has failed to execute,
- 15.06** Take the order wholly or in part from the successful tenderers hands and re-contract to any other person(s) or cancel the order.

The company shall not be liable for any loss to the successful Tenderer as a result of such action of the company. The successful Tenderer shall indemnify the company against all losses/damages suffered by the company and all liabilities imposed on the company as a result of default of the successful Tenderer. The decision of the company in this regard shall be final and binding on the successful Tenderer.

- 16.** Income Tax shall be recoverable from the bills of the bidder as per the provisions of Income Tax Act & Rule. All other taxes, duties etc applicable on the work shall be to the bidder's account and the company shall be in no way liable for any such items.

17. WORK WITHIN TTPL PREMISES

- 17.01** All materials and workmanship shall be of best quality. The materials brought to work are subject to inspection by the company's representative and only the approved materials shall be used. No work shall be covered up and put out of view without the approval of the company's representative and the successful tenderer shall afford full opportunities and facilities for the company's representatives to examine and measure the work.

17.02 From the commencement to the completion of the work the successful Tenderer shall take full responsibility for all losses and damages if any, suffered to works, men or materials. In case of any damages, loss or injury that shall happen to the works or any part thereof or to any temporary works from any cause whatsoever the successful Tenderer shall at his own cost repair and make good in conformity in every respect with the requirement of the order.

17.03 The successful Tenderer shall comply on all respects with the provisions of any, ordinance, law, rules, regulations or byelaw of any local or other duly constituted authorities etc., which may be applicable to the work. The successful tenderer shall comply with the provisions of the contract Labour Regulation, Abolition Act and all other applicable laws.

17.04 The successful Tenderer shall pay all taxes, duties, levies, royalties, rent or other payment or compensation if any, for getting any materials required for the works.

17.05 The successful Tenderer shall be responsible for the good conduct, competence, proper and prompt performance of the labourers employed by him.

17.06 In respect of all labour directly or indirectly employed on the works, the successful Tenderer shall comply with all rules and regulations of Government or other local authorities.

17.07 The successful tenderer shall take insurance cover in respect of materials brought and the employee engaged by them.

17.08 Notwithstanding anything contained in the technical specification, the successful tenderer shall undertake any other item of work not specially mentioned but is required to complete the work in all respect without any extra cost.

18. COMPLETION PERIOD

Three months from the date of issue of work order will be considered as the period of Completion.

19. LIQUIDATED DAMAGES

If the Contractor fails to complete the work within the period of completion, the Contractor shall pay or allow the Client to deduct the sum equivalent to 0.5% of the contract value per week or part thereof of delay subject to a maximum of 10% of contract value as liquidated and ascertained damages for the period from the date of stipulated completion or such extended time as the case may be during which the work shall remain unfinished. Such damages may be deducted by the Client from any money due or that may become due to the Contractor.

20. TERMS OF PAYMENT: The payment terms will be:-

20.01 Advance payment- **10%** of the Purchase Order value as advance shall be paid on submission of bank guarantee for an amount equal to 100% of the advance amount from a nationalized bank.

20.02 40% of the Purchase Order value after receipt of material at site.

20.03 40% of the Purchase Order value shall be paid on completion of erection.

20.04 10% of the Purchase Order value shall be retained for a period of one year as performance guarantee, which may be released on submission of bank guarantee for an amount equal to 100% of the guarantee amount from a nationalized bank.

All the payments are made, after deducting there from income tax and other amounts as may be deductible or recoverable in terms of the contract or the laws in force.

21. AGREEMENT

The liability of the successful bidder under this bid will commence on the date specified in the Letter of Intent (LOI) / Work Order (WO). The successful bidder shall be required to execute an agreement with TTPL within 15 days of receipt of work order issued by TTPL for carrying out the work according to the terms and conditions of the contract given along with Work Order. The agreement shall be executed on Rs.200/- non-judicial stamp paper and shall be in the pro forma as specified by TTPL. The provisions contained in the tender papers and other documents exchanged between the bidder and TTPL shall form part of the contract. The EMD is liable to be forfeited in case the bidder fails to execute the Agreement within the stipulated period as mentioned above.

22. SETTLEMENT OF DISPUTES

The parties hereto agree that any dispute or difference or claims arising out of or touching this agreement shall, as far as possible, be settled amicably through mutual discussions and failing such settlement, such disputes or differences or claims shall be referred to the sole arbitrator to be appointed by the Managing Director of TTPL, the Company. The proceedings shall be governed by the provisions of the Arbitration and Conciliation Act-1996 (Act 96 of 1996). The venue of Arbitration shall be at Thiruvananthapuram, in the state of Kerala.

23. JURISDICTION

Any dispute or questions relating to or arising out of the agreement shall be subject to the exclusive jurisdiction of the courts of Thiruvananthapuram, in the state of Kerala alone.

24. The company reserves the right to reject any or all tender or to accept any tender or wholly without assigning any reasons whatsoever. No claim shall lie against TTPL on this account and TTPL's decision in this regard shall be final and binding on the bidders. TTPL reserves the right to obtain any clarifications and documents on the Part-A of the bid. Part-B of those bidders will be opened only when Part-A bids of those bids were made acceptable.

25. Our general condition of contract and safety regulations attached at **Annexure A&C** will be observed by the bidder for this work, to the extent applicable to him.

FOR TRAVANCORE TITANIUM PRODUCTS LIMITED

General Manager (Tech)i/c

DECLARATION

I hereby declare that I have perused in details and examined closely the detailed standard specification, all clauses of the preliminary specification and have also examined all the standard specifications for items for which I tender before I submit such tender and agree to bound/comply with all such specifications for all agreements which I execute with the Company. I have signed as below in acknowledgement thereof.

Signature of Tenderer or Bidder

Date:

Name of Tenderer or Bidder

Address of the Tenderer or Bidder

e-mail:

Phone:

Mobile: