



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

**TENDER NOTICE**

Sealed Tenders are invited for Black end new filter press flooring Work, laying of AR tiles and drain connection at Travancore Titanium Products Limited., Thiruvananthapuram.

**Tender No : PROJ/ Filter Press -Black End/22-23**

**Date: 15.03.2023**

1.	Name of Work	Black end new Filter Press building flooring work including laying of AR tiles and drain connection at Travancore Titanium Products Limited, Thiruvananthapuram.
2.	Estimate Amount (PAC)	Rs. 4,06,399/- (excluding GST)
3.	Earnest Money Deposit (EMD)	Rs.10,160/-
4.	Tender Submission Fee	Rs.944/- (inclusive of GST)
5.	Period of completion	60 Days
6.	Tender documents	Can be downloaded from the website <a href="http://www.travancoretitanium.com">www.travancoretitanium.com</a>
7.	Last date and time of Receipt of Tender/Bids	28.03.2023 upto 12.00 hrs
8.	Date and Time of Opening of Tender	28.03.2023 at 14.00 hrs

## **1.0 GENERAL CONDITIONS OF CONTRACT**

- 1.01 Sealed tenders are invited by Travancore Titanium Products Ltd., Kochuveli. P.O, Thiruvananthapuram -695 021 from eligible contractors/firms for Black end new Filter Press flooring work including laying of AR tiles and drain connection at Travancore Titanium Products Limited.

The schedule of quantities, tender drawings, specifications and commercial conditions of the Contract are appended.

### **Eligibility Criteria**

1. The Bidder should have completed one similar nature of work of value not less than 80% of PAC value in single contract during the last five years ending 31.12.2022 as prime Contractor.

**Or**

2. The Bidder should have completed two similar nature of work of value not less than 60% of PAC value each in single contract during the last five years ending 31.12.2022 as prime Contractor.

**Or**

3. The Bidder should have completed three similar nature of work of value not than 40% of PAC value each in single contract during the last five years ending 31.12.2022 as prime Contractor.

(Satisfactory completion certificate for the work done shall be submitted in the designated cover)

4. The average annual turnover of the bidder should not be less PAC value during the last three preceding years (Audited balance sheet, profit and loss account of the last 3 financial years (2019-20, 2020-21, 2021-22) shall be submitted in the designated cover).
5. The bidder should have PAN, GST, ESI, PF. The firm shall be registered with registrar of companies / Partnership firm / Proprietorship in India.
6. 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.
7. 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.
8. Joint venture / Consortium shall not be permitted.

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

The schedule of quantities, tender drawings, specifications and commercial conditions of the Contract are appended. The applicant may be a firm registered in India with experience in the field of similar items till 31.12.2022. For those who have submitted NSIC/MSME certificate, the category of works from which the bidder could be exempted from paying EMD and tender fee shall be mentioned in the certificate issued by the authority (NSIC /MSME) Category shall be related to similar works. Otherwise the bidder shall remit the Tender fees and EMD without fail. Similar Work means erection of mechanical equipment and allied works.

- 1.02** The general information of the project is given in Annexure to this NIT. The information is only indicative. The tenderers are required to visit the site and familiarize themselves with the site conditions, nature of strata, availability of construction materials, etc., before quoting. The drawings, general & special conditions of contract, schedule of quantities and the technical specifications may be carefully studied before they offer their prices. No claims for extra compensation over and above the quoted rates will be entertained by Travancore Titanium Products Ltd. on the ground that the tenderer have misjudged site conditions, nature of strata, tender conditions or any item of tender. The tender documents can be obtained from the office of Travancore Titanium Products Limited on payment of cash or DD for Rs.944/- (inclusive of 18 % GST) drawn in favour of TTPL, payable at Thiruvananthapuram during office hours between 10.00 am to 3.00 pm on all working days (from Monday to Friday) and on Saturday upto 11.00 am. This payment is not refundable. The quoted tender documents signed & sealed in all pages and complete in all respects shall be forwarded so that it reaches the office of Travancore Titanium Products Limited Kochuveli P.O, Thiruvananthapuram 695 021 on or before 28.03.2023, 12.00 hrs. Any tender received after the due time on this date will be rejected.
- 1.03** The bidders are requested to submit all the required documents for pre-qualification and the price bid in the appropriate covers provided.
- 1.04** The offer shall be valid for 90 days from the price bid opening date. The firm period of a tender is the period from, the date of opening of the price bid to the date up to which the offer given in the tender is binding on the bidder.
- 1.05** After the public opening of the tenders, the information relating to the examination, Clarification, evaluation and comparison of tenders and recommendations concerning the award of Contract all shall be intimated.
- 1.06** Subject to Travancore Titanium Product's right to accept any tender and reject any or all tenders; the work will be awarded to the tenderer whose bid has been determined to be substantially responsive to the tender documents and who has offered the lowest Evaluated Tender Price provided further that the tenderer has the capability and resources to carry out the contract effectively.

Before commencing the work and within 15 days the letter of award of work of the tender has been intimated to him, the tenderer shall make a security deposit as given in clause 1.10 of this notice and furnish the same for the proper fulfillment of the contract and shall **execute an agreement for the work in required non-judicial stamp paper of value not less than Rs.200/- in the prescribed format.**

If the tenderer fails to execute the agreement as stated above within the specified period, the earnest money deposit shall be forfeited to Travancore Titanium Products Ltd. and fresh tenders called for or the matter otherwise disposed off. If as a result of such measures due to the default of the tenderer to pay the required deposit, execute the agreement or take possession of the work site, any loss to Travancore Titanium Products Ltd. results, the same will be recovered from the tenderer by deducting from any amount due to him from other works or revenue recovery or by suitable course of action including legal proceedings.

Tenders not properly filled, mutilated with incorrect calculations or generally not complying with the conditions are susceptible to be rejected.

- 1.07** In the case of percentage rate contract only a single rate as an overall percentage above or below or at par with the rate given in the schedule by a single entry at the specified column of the schedule under the head quoted rate, may be made. The overall percentage rate accepted and specified in the agreement shall not be varied on any account whatever. In case of item rate tender, only the rate quoted shall be considered. In event no rate has been quoted for any item(s) leaving space both in figure(s), word(s), and amount blank, it will be presumed that the contractor has included the cost of this / these item(s) in other items and rate for such item(s) will be considered as zero and work will be required to be executed accordingly. The bidder should quote each and every item. The rate thus quoted will deemed to include

the cost of all materials, labour, hire charges for all machinery's, cost of fuel, power, all leads and lifts, taxes, levies, royalties all over heads contingencies, profits, etc. and the quoted price is all inclusive. The total contract price shall also be worked out and entered in

**1.08** If the tender is made by an individual it shall be signed with his full name and his complete address shall be given. If it is made by partnership firm it shall be signed with the co-partnership name by a member of the firm who shall sign his own name and give the name and address of each partner of the firm and attach a copy of 'Power of Attorney' with the tender authorizing him to sign on behalf of the other partners. A certified copy of the 'Registered Partnership Deed' shall also be submitted along with the tender. A certified copy of the registered deed shall also be submitted along with the tender. The tender should be in a sealed cover.

**1.09 EMD**

1.09.1 Tenderers shall deposit an amount of Rs. 10,160/- as Earnest Money along with the tender. Earnest Money Deposit shall be drawn from Nationalized bank in the form of crossed demand draft/ BG in favour of Travancore Titanium Products Ltd. EMD of the unsuccessful tenderers will be refunded without any interest on finalization of the contract with the successful Tenderer.

1.09.2 EMD deposited with Travancore Titanium Products Ltd. will be forfeited,

i) if a bidder withdraws his bid during the period of validity specified.

ii) if the successful bidder fails within the time limit to sign the contract document or fails to furnish the required security deposit.

1.09.3 EMD will be refunded to the Contractor after remittance of the security deposit and execution of the agreement.

**1.10 Security Deposit**

1.10.1 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. Security Deposit is also acceptable in the form of a Bank Guarantee as per TTPL proforma, which shall be supplied on request. Bank Guarantee from Nationalized bank registered in India alone will be accepted. 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.

1.10.2 On completion of Defects Liability Period, the Engineer-in-Charge shall recommend on demand from the Contractor to refund to him the security deposit 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.

1.10.3 All the deposits of EMD and Security Deposit will not bear any interest whatsoever.

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

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

**1.13** 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.

**1.14** 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.

1.15 The contractor shall produce all necessary documents from the Goods and Service tax department.

**1.16 Period of Validity**

The tender shall remain valid for acceptance for a period of 90 days from the date of submission of the tenders. If any tenderer withdraws his tender before the said period or makes any modifications in terms and conditions of the tender, then the Client has the liberty to forfeit the said Earnest Money Deposit.

**1.17 Quantum of Work**

1.17.1 A schedule of approximate quantities for various items accompanies this tender. It shall be definitely understood that the Client do not accept any responsibility for the correctness or completeness of this schedule in respect of items and quantities and this schedule is liable for alteration by deletions, deductions or additions at the discretion of the Client without affecting the terms of the contract (Say maximum variations).

1.17.2 The Client reserves the right to increase or decrease the quantum of work at site without assigning any reason. The Contractor shall carryout the works at the rates accepted.

1.17.3 Variations in the quantities put to tender will not be the basis for any claim or disputes. The rates agreed by the Contractor shall hold good for any amount of variation in the quantities and no claims whatsoever will be entertained on this amount. The Contractor shall carry out all works as directed by the Client at the same agreed rates.

**1.18 All Inclusive Rates**

(1) The quoted rate of Contractor must be firm and shall be inclusive of all materials, transportation of material to the site and all applicable taxes of State Government as well as Central Government except GST.

(2) Supply of all materials except for corromastic, AR tiles/ AR brick, swk powder and K solution are under the Contractor's scope.

The rates quoted by the Contractor shall be firm throughout the Contract period and there shall be no upward revision of the rates quoted by the Contractor for any reasons whatsoever. It should be clearly understood that any claims for extra Goods and Service Tax, or any Additional tax, etc., shall not be entertained in any case whatsoever once the tenders are opened.

**1.19 Interpreting Specifications**

1.19.1 In interpreting the specifications, the following order of decreasing importance shall be followed:-

- a. Specification mentioned in Schedule of Quantities,
- b. Special Conditions of Contract,
- c. Technical Specifications,
- d. Drawings.

1.19.2 Matters not covered by the specifications given in the contract as a whole shall be covered by the relevant Indian Standard Codes. If such codes on a particular subject have not been framed, the decision of the Consultants shall be final.

**1.20** No alterations shall be made by the tenderer in the Notice Inviting Tender, Instructions to the Contractors, Contract form, Conditions of the contract, Drawings and Specifications, and if any such alterations are made or any conditions attached, the tender is liable to be rejected. Such alterations shall not be taken as a right of the contractor, if such alterations are gone unnoticed during the evaluation or scrutiny.

**1.21** 1.21.01 The acceptance of a tender rests with the Authorized Representative of the Client who does not bind himself to accept the lowest tender and reserves to himself the authority to reject any or all the tenders received without assigning any reason(s) whatsoever.

- 1.21.02 The authorized representative of the Client reserves the right of accepting the whole or part of the tender received and the tenderer shall be bound to perform the same at the rates quoted.
- 1.22 The work shall be carried out under the direction and supervision of the Client or their representative at site. On acceptance of the tender, the Contractor shall intimate the name of his accredited representative who would be supervising the construction and would be responsible for taking instructions for carrying out the work.
- 1.23 The Client's decision with regard to the quality of the material and workmanship will be final and binding, any material or work, rejected on account of quality/ workmanship shall be immediately removed by the Contractor and replaced by materials as per specifications and standards.
- 1.24 **Defects Liability Period**  
Any defect developed within 'Defect Liability Period' of 6 months from the date of virtual completion as certified by the Client. Any defect noticed have to be rectified by the Contractor at his own cost within the time allowed by the Client and in case the defects are not rectified by the Contractor, the Client shall get the work done at the risk and cost of the Contractor. The Client shall recover all expenses incurred in this regard from any amount due to the Contractor.
- 1.25 **Delays in Commencement**  
The Contractor shall not be entitled to any compensation and/or damages for any loss suffered by him on account of delays in commencing, whatever the cause for such delays may be. Similarly the Contractor shall not be entitled to claim any amount from Client for delays in completion of work (operating maximum limit).
- 1.26 **Occupation in Part**  
If the Client wants to occupy areas in part, the Contractor shall complete the work of these areas in consultation with the Client and hand over the same to the Client without affecting any of the clause of contract agreement.
- 1.27 The Contractor should inspect the source of materials, their quality, quantity and availability. All materials must strictly comply with the relevant B.I.S. specifications.
- 1.28 The Contractor must co-operate and co-ordinate with other Contractors involved in other works at the site. The Contractor should also note that they shall have to clear the site before the commencement of the work and that no extra payment is permissible on this account.
- 1.29 **Period of Completion**  
Time is the essence of this contract. The completion period shall be 60 days. Commencement of the work shall be done immediately from the date of receipt of Work Order. The Contractor shall draw a detailed schedule of programme in the form of a Bar Chart on whole work, within one week of award of work and submit to the Consultants for their approval.
- 1.30 **Liquidated Damages**  
If the Contractor fails to complete the work within the period of completion mentioned under clause 1.29, the Contractor shall pay or allow the Client to deduct the sum equivalent to 1% of the contract value per week or part thereof of delay subject to a maximum of 10% of contract value or the executed value of total work done 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.

**1.31 Measurement and Billing**

- 1.31.01 Wherever mode of measurement is specified, the measurement will be taken at site as per the latest BIS code of practice for measurement.
- 1.31.02 The Contractor or his representative shall accompany the Client or their representative in taking measurements and shall agree to the measurements taken on spot. Tapes shall be of steel and shall be supplied by the Contractor. The Contractor shall submit his bill based on the agreed and recorded measurements. On receipt of such bills the Client will verify the measurements. If the Contractor fails to accompany the Client for measurements, then he shall be bound by the measurements taken by the Client.
- 1.31.03 Period of final measurement/ billing shall be three months from the date of completion of the works. Minimum running measurement/ billing shall be 30 days, only after the submission of GST invoice.

**1.32 Water and Power**

The water and power required for the work will be available free of cost. Water may be drawn from the source at site, if good quality water is available. Client/Consultants takes no responsibility for the supply of either electricity or water.

Temporary wiring/cablings shall not be routed across floors, around doors. It shall be properly routed as directed by the Engineer-in-Charge. Temporary wiring shall be protected from sharp edges, heat and sunlight to avoid breakdown of the insulation.

**1.33 Insurance, PF, etc.**

The successful Contractor shall take out Contractor's All Risk (CAR) insurance policy, jointly in the name of the Client and the Contractor, and the original policy shall be deposited with the Client. He also shall have all other statutory registrations as applicable for the labour employed, such as PF, ESI etc.

**1.34** This Notice Inviting Tender will form part of the tender document and the agreement executed by the successful tenderer.

**1.35** The format for information about the Tenderer (Page No.8) attached in tender form shall be duly filled by the Tenderer.

**1.36** Any variations in the tender shall be indicated in separate sheet.

**1.37 Payment Terms**

Only after satisfactory completion of the whole work as certified by the Officer-in-Charge. All the payments are made, after deducting there from the amounts already paid, the security deposit, income tax and other amounts as may be deductible or recoverable in terms of the contract.

**1.38 Safety Regulations**

The contractor should adhere to all safety rules and regulations specified by the Safety Department of the company. It is entirely the contractor's responsibility to provide all safety equipment wherever necessary to their workmen. The Company is in no way responsible for any accident, injury, disability or death of contractor's workmen due to non-compliance of safety regulations during the execution of work.



**Dy General Manager (Proj.)**  
Travancore Titanium Products Ltd.  
Kochuveli.P.O, Thiruvananthapuram – 695 021.

## **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:



## PROFORMA

Sl. No.	Description of items	Qty.	Rate (Rs.)	Amount (Rs.)
1.	Earth work in excavation by mechanical means (Hydraulic excavator)/manual means over areas (exceeding 30 cm in depth, 1.5 m in width as well as 10 sqm on plan) including disposal of excavated earth, lead up to 50 m and lift up to 1.5 m, disposed earth to be levelled and neatly dressed. All kinds of soil.	6.011 cum		
2.	Filling available excavated earth (excluding rock) in trenches, plinth, sides of foundation etc. in layers not exceeding 20 cm in depth, consolidating each deposited layer by ramming and watering, lead up to 50m and lift up to 1.5 m.	30.188 cum		
3.	Demolishing cement concrete manually/ by mechanical means including disposal of material within 50 metres lead as per the direction of Engineer-in-Charge. Nominal concrete 1:3:6 or richer mix ( i/c equivalent design mix)	3.060 cum		
4.	Demolishing R.C.C. work manually/ by mechanical means including stacking of steel bars and disposal of unserviceable material within 50 metres lead as per direction of Engineer-in-Charge.	1.000 cum		
5.	Providing and laying in position cement concrete of specified grade excluding the cost of centering and shuttering - All work up to plinth level:1:4:8 (1 cement: 4 coarse sand : 8 graded stone aggregate 40 nominal size)	12.479 cum		
6.	Providing and laying in position cement concrete of specified grade excluding the cost of centering and shuttering - All work up to plinth level:1:2:4 (cement: 2 coarse sand: 4 graded stone aggregate 20 mm nominal size)	9.000 cum		
7.	Providing and laying in position specified grade of reinforced cement concrete, excluding the cost of centering, shuttering, finishing and reinforcement- All work up to plinth level:1:2:4 (1 cement: 2 coarse sand: 4 graded stone aggregate 20 mm nominal size)	2.025 cum		

8.	Centering and shuttering including strutting, etc. and removal of form for: Walls (any thickness) including attached pilasters, buttersses, plinth and string courses etc.	19.872 sqm		
9.	Steel reinforcement for R.C.C work including straightening, cutting, bending, placing in position and binding all complete upto plinth level Thermo - Mechanically Treated bars of grade Fe-500D or more			
10.	12 mm cement plaster of mix:1:6 (1 cement: 6 fine sand).	132.311 kg		
11.	Labour charges for Cleaning the surface, thoroughly melting and applying corromastic so as to provide a continuous lining and heating the joints with blow lamps before applying corromastic to next section so as to form a monolithic joint and finishing the surface to the required line and level including applying SPL solution etc. as in the standard practice in the company and as per the direction of Engineer in charge (Only corromastic will be supplied by TTPL)	112.000 Sqm		
12.	Labour charges for AR tile/ AR brick work with swk powder and K solution in the existing practice of the company including charges for conveying required tiles from store yard, paving tiles to line and level, cleaning all surface etc. as directed by the Engineer in charge. (Only AR tile/ AR brick, swk powder and K solution will be supplied by TTPL)	112.000 sqm		
	<b>Total Amount (Excluding GST)</b>			
	GST @-----%			
	<b>GRAND TOTAL ( All inclusive)</b>			

**Note: Please mention % of GST at the space provided, if not mentioned, the rate will be considered as inclusive of GST**

Tender cost remittance details:

EMD remittance details:

Name& Address of the Tenderer:

Signature of the Tenderer:

Place:

Date:

## **SCOPE OF WORK**

The scope of work includes the following:-

1. Earth work in excavation by mechanical means (Hydraulic excavator)/manual means over areas (exceeding 30 cm in depth, 1.5 m in width as well as 10 sqm on plan) including disposal of excavated earth, lead up to 50 m and lift up to 1.5 m, disposed earth to be levelled and neatly dressed. All kinds of soil.
2. Filling available excavated earth (excluding rock) in trenches, plinth, sides of foundation etc. in layers not exceeding 20 cm in depth, consolidating each deposited layer by ramming and watering, lead up to 50 m and lift up to 1.5 m.
3. Demolishing cement concrete manually/ by mechanical means including disposal of material within 50 metres lead as per the direction of Engineer- in-Charge. Nominal concrete 1:3:6 or richer mix (i/c equivalent design mix)
4. Demolishing R.C.C. work manually / by mechanical means including stacking of steel bars and disposal of unserviceable material within 50 metres lead as per direction of Engineer-in-Charge.
5. Providing and laying in position cement concrete of specified grade excluding the cost of centering and shuttering - All work up to plinth level:1:4:8 (1 cement: 4 coarse sand : 8 graded stone aggregate 40 nominal size)
6. Providing and laying in position cement concrete of specified grade excluding the cost of centering and shuttering - All work up to plinth level:1:2:4 (cement: 2 coarse sand: 4 graded stone aggregate 20 mm nominal size).
7. Providing and laying in position specified grade of reinforced cement concrete, excluding the cost of centering, shuttering, finishing and reinforcement- All work up to plinth level:1:2:4 (1 cement: 2 coarse sand: 4 graded stone aggregate 20 mm nominal size)
8. Centering and shuttering including strutting, etc. and removal of form for: Walls (any thickness) including attached pilasters, buttresses, plinth and string courses etc.
9. Steel reinforcement for R.C.C work including straightening, cutting, bending, placing in position and binding all complete upto plinth level Thermo - Mechanically Treated bars of grade Fe-500D or more
10. 12 mm cement plaster of mix: 1:6 (1 cement: 6 fine sand).
11. Labour charges for Cleaning the surface, thoroughly melting and applying corromastic so as to provide a continuous lining and heating the joints with blow lamps before applying corromastic to next section so as to form a monolithic joint and finishing the surface to the required line and level including applying SPL solution etc. as in the standard practice in the company and as per the direction of Engineer in charge (Only corromastic will be supplied by TTPL)
12. Labour charges for AR tile/ AR brick work with swk powder and K solution in the existing practice of the company including charges for conveying required tiles from store yard, paving tiles to line and level, cleaning all surface etc. as directed by the Engineer in charge. (Only AR tile/ AR brick, swk powder and K solution will be supplied by TTPL)

**LIST OF APPROVED MAKE - CIVILWORKS**

1.	Steel (TMT)	Tata, Vizag, SAIL, TISCO, IISCO, RINL , Jindal Steel and Power Ltd, JSW Steel Ltd or equivalent as approved
2.	Structural Steel	Tata, Vizag, SAIL, Jindal Steel & Power Ltd, or equivalent as approved
3.	Welding rode	ESAB, Advani, Best Arc or equivalent as approved
4.	Paint & Primer, Distemper	ICI (Akzonobel), Berger, Asian, Jotun or equivalent as approved
5.	Primer	Altek, Berger, Asian, ICI, Jotun or equivalent as approved
6.	Synthetic Enamel Paints & Primer	ICI (Akzonobel), Asian Paints, Berger, Jotun or equivalent as approved
7.	Protective/Anticorrosive Paints	AkzoNobel, Jotun India Private Limited, Berger Paints India Limited, Asian Paints Ltd, Grand Polycoats Co. (P) Ltd, Euro Build, Hempel Paints, CIPY Polyurethanes Pvt Ltd, MYK Schomburg or equivalent as approved.
8.	Epoxy chemical for anchoring grout	HILTI India Pvt. Ltd, Fisher, Euro Build, Pidilite or equivalent as approved
9.	Chemical /Mechanical Anchor Fasteners	HILTI, Fisher, MKT (Germany), Black and Decker India Ltd., MAPEI, SS Fasteners Pvt. Ltd or equivalent as approved.
10.	Plasticisers, Non shrink grout	Fosroc, BASF, Krishna conchem, Fairmate, Eurobuild Construction Chemicals & Coating, MYK Schomburg or equivalent as approved
11.	High tensile Bolts /Screws	Hilti, Fischer, Unbrako ,TVS, Euro Build or equivalent as approved

- A.** Contractor shall use the material of approved make as indicated above unless specified otherwise in BOQ or as approved by the Client's representative.
- B.** The Contractor shall ensure the correct selection of the approved make meeting the specifications and application duties. Before placing order for procurement, the sample of approved make shall be got verified for its suitability to the specification and application duty.