

TENDER SCHEDULE

**HOSUR SIPCOT CWSS IN
KRISHNAGIRI DISTRICT**

**SUPPLY AND DELIVERY OF
HYDRATED LIME Ca(OH)_2
TO TREATMENT PLANT AT
KELAVARAPALLI DAM, HOSUR**

**TAMILNADU WATER SUPPLY AND DRAINAGE BOARD
TENDER DOCUMENTS**

Tender Notice No.3-1(Second Call)/DOII/F.Hydrated Lime/2010/Dt.16.08.2010

**Name of work : SUPPLY AND DELIVERY OF HYDRATED LIME
Ca(OH)₂ (RAJASTHAN)OF PURITY 90% AND
ABOVE CONFORMING TO THE IS 1514/1990 TO
HOSUR WATER TREATMENT PLANT AT
KELAVARAPALLI DAM UNDER A.M. OF HOSUR
SIPCOT CWSS.**

Eligible Class of Contractor : Manufacturers / Suppliers.

Amount of EMD : Rs.44,000/- (Rupees Fourty four thousand only)

Last date of submission of tender : Upto 3.00 PM on 31.08.2010

Date and time of opening of tender : At 3.30 PM on 31.08.2010

Tender should be valid for : 120 days from the date of opening of tender.

**Tenders should be submitted at : O/o the Superintending Engineer,
TWAD Board, Dharmapuri Circle,
No.43-C, Pennagaram Road,
Kumarasampettai, DHARMAPURI.**

**Tender Schedule :
issued to**

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DHARMAPURI CIRCLE/DHARMAPURI.**

CERTIFICATE

We hereby certify that we have gone through the tender documents and that we will abide by all regulations given in the tender documents.

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KIND ATTENTION OF THE BIDDER

1. Bid security in the form of FDR and deposits at call receipts should contain lien certificate issued by the Bank for encashment by Department. The FDR furnished by the firm should also bear the signature of the authorized signatory on Revenue stamp at the back of FDR.

2. Audited balance sheets should be certified by a Registered Chartered Accountant. The certificate should be affixed with the seal of the office of the Chartered Accountant with the registration number legibly.

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If the 'bidder does not accept the corrections of the bid price, pursuance to clause 28 of "Bid opening and Evaluation"

In the case of successful bidder failing to furnish the performance security in the specified form within the stipulated time.

In the case of successful bidder failing to enter into agreement within the stipulated time.

In the case of the bidder severing the conditions after intimation of the acceptance of the bid.

4.6 The EMD will not bear any interest, Bank Guarantee and Party Cheque will not be accepted towards E.M.D. The Board will not accept letters authorising the Board to adjust amount towards EMD either from pending bills of the tenderer or from their deposit held by the Board in other works.

4.7 Tenders not accompanied by EMD will be rejected. When the tenderer is exempted from payment of EMD the tenderer shall enclose with the tender, the authenticated proof of such exemption.

5, DOCUMENTS COMPRISING THE BID.

5.1 The bid submitted by the bidder shall comprise the following:

- i. The Bid Documents duly filled and signed
- ii. List of Annexures
 - a. Performance of the Bidder showing value of supply completed for the past five years.
 - b. Experience in work of similar nature and magnitude. In the previous five financial year.
 - c. Commitments of works on hand
 - d. Works for which Bid already submitted.
 - e. List of Equipments available with the Bidder
 - f. Qualification / Experience of key personnel proposed for technical and administrative functions under this project.
 - g. Details of litigation.

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III. LIST OF CERTIFICATES.

- a) Signature of the proprietor or proprietress attested by the Notary Public
- b) Signature of all the partners/power of attorney attested by the Notary public.
- c) Registration of the firm Signature of the authorised person attested by the Notary Public.
- d) A copy of this listed power of attorney authorising the signatory of the bidder.

- e) Proof of registration firm/Company

- f) Audited Balance Sheets for the past two years should be certified by a registered Chartered Accountant. The certificate should be affixed with the seal of the office of the Chartered Accountant with the registration number legibly.

- g) Credit the Certificate from Financial institutions.

- h) An Undertaking for Completion of the Project as per programme schedule

- i) Income Tax Clearance Certificate

- j) Sales Tax Verification Certificate

- k) Copy of the evidence for the Joint venture

- l) Certificate of performance Issued by not less than the rank of Executive Engineer responsible person of the private organisation.

- iv. Bid Security

- v. Any other material required to be completed and submitted by the bidders in accordance with then instructions.

VI (Price Bid)

Priced Bill of Quantity duly signed.

5.2 The Bid should be submitted only in the original documents as issued by the Employer. No alteration or correction should be made under any circumstances in the bid documents issued by the Employer,

5.3. Conditional tenders are liable for rejection.

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6. SEALING AND MARKING OF BIDS.

6.5 The bids should be submitted in the original bid documents as issued by the Employer.

6.6 The bid documents, under no circumstances are transferable.

6.7 The Schedule duly filled up, covered and pasted properly, sealed and superscribed indicating clearly in the name of work

6.8 All the envelopes shall be addressed to the Employer at the following address.

SUPERINTENDING ENGINEER,
TWAD BOARD,
DHARMAPURI CIRCLE,
NO.43-C, PENNAGARAM ROAD,
DHARMAPURI

and bear the following identification.

7.1 Bid for **SUPPLY AND DELIVERY OF HYDRATED LIME Ca(OH)_2 (RAJASTHAN) OF PURITY 90% AND ABOVE CONFORMING TO THE IS 1514/1990 TO HOSUR WATER TREATMENT PLANT AT KELAVARAPALLI DAM UNDER A.M. OF HOSUR SIPCOT CWSS.**

Bid Reference No.3-1(Second Call)/DOII/F.Hydrated Lime/2010/Dt.16.08.2010

Do not open before 3.30PM on 31.08.2010 (time and date of bid opening as per clause 24 of "Bid Opening and Evaluation")

7.2 In addition to the identification required in sub clause above, the envelope shall indicate the name and address of the bidder to enable the bid to be returned in case it is declared late, pursuant to clause 22 of "Submission of Bids".

7.3 If the envelope is not sealed and marked as above, the Employer will assume no responsibility for the misplacement or premature opening of the bid.

7.4 Tenders, if delivered in person should be deposited in the Tender Box kept in the room of the Superintending Engineer, TWAD Board, Dharmapuri Circle, No.43 Pennagaram Road, Dharmapuri. The Tender Box will be closed at 3.00PM on the prescribed date as per the office clock. Tender received after the specified time on the due date will be summarily rejected. Belated receipt of sealed tenders either due to postal delay or any other reasons whatsoever will not be considered.

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7.5. In the case of postal tenders and tenders sent through Courier Service, the tenders should be delivered only to Superintending Engineer, TWAD Board, Dharmapuri Circle, 43 C, Pennagaram Road, Dharmapuri and acknowledgement with office seal should be obtained

7.6. Telegraphic offer and tender not in the prescribed form issued by TWAD Board will not be considered. Postal tender offers from the tenderers received after the opening of tenders will not be considered on any account.

8. Each tenderer should submit along with their tender the following xerox copies of the original certificates issued by the competent authority duly attested by the Notary Public.

- i Latest Income Clearance Certificate.
- ii. Latest Sales Tax Clearance Certificates
- iii Latest performance Certificate Issued to the tenderer by other Government departments, Boards and reputed organisations.
- iv Valid NSIC registration Certificates.
- v. Valid SSI registration Certificate

9. The tenders will be opened by the (Superintending Engineer, TWAD Board, Dharmapuri Circle, 43 C, Pennagaram Road, Dharmapuri at 3.30PM on 31.08.2010 in the presence of such tenderers or their duly authorised representatives, who choose to be present, The representatives should produce proper Identification/ authorisation to the satisfaction of the tender opening officer, Representatives who do not produce such authorisation will not be admitted to be present at the time of opening of the tenders.

10. The Officer opening the tender will read out the rates quoted by the tenderer.

11. The tender should be kept valid for a period of 120 days from the date of opening of the tenders. Validity of tenders will be considered only from the original date fixed for receipt of the tender and not counted from the date of submission of tender or covering letter date etc.,

12. The legal address of the tenderers should be furnished both in the covering the letter as well as the tender forms and Schedules attached thereto.

13. The Superintending Engineer, TWAD Board, Dharmapuri Circle, Dharmapuri reserves the right to reject any or all the tenders received without assigning any reasons therefor.

14. The successful tenderer in case of firms located outside Tamilnadu should produce 3 attested copies of passport size Photos of the persons who is authorised to sign the agreement for affixing the same in the original agreement.

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INSTRUCTIONS TO THE TENDERER.

1. Every page of the Tender schedule/Documents/Conditions of tender specifications should be signed by the tenderer.

2. Only the firms Manufacturers/ Suppliers of the **HYDRATED LIME Ca(OH)₂ (RAJASTHAN) OF PURITY 90% AND ABOVE CONFORMING TO THE IS 1514 / 1990 TO HOSUR WATER TREATMENT PLANT @ KELEVARAPALLI DAM, HOSUR IN TAMILNADU UNDER A.M. OF HOSUR - SIPCOT CWSS.**

3. When the tender is made by an individual it shall be signed with his name and address and in case of partnership firm it shall be signed by one of the partners empowered to submit tenders on behalf of the partnership as contemplated in the registered partnership deed. If it is made by a company or Corporation It shall be signed by an officer duly authorised for the purpose. In all cases, the status of the tenderers whether proprietorship or partnership Company or Corporation should be furnished in the covering letter with full address of tenderer, name of partners, directors, etc. The tenderers should also furnish such further particulars evidence as may be required by the Superintending Engineer, TWAD Board, Dharmapuri Circle, Dharmapuri before execution of the agreement.

4. The rates should be quoted in the Schedule-A only and should not be quoted in separate letter. The rates shall be legible and any correction, over writings shall be attested with full signature of the tenderer. The rates should be specified both in figures and words. If there is any variation between the rates quoted in figures and words then the lowest rate quoted either in words or in figures shall be taken as the tendered rate.

5. If the covering letter accompanying the tender documents is in the tenderer's letter head form, all terms and conditions printed therein should be scored out duly authenticated. It should be distinctly understood that such printed terms and conditions in the letter head will not have any binding on the Board.

6. Small scale Industries registered with the N.S.I.C. or the Tamilnadu Small Scale Industries Development Corporation for the manufacture of the materials, covered by this tender are exempted from the payment of E.M.D. and Security Deposit provided they enclose attested copy of fit registration certificate which should be current and valid. Validity period and the monetary value or registration should also be furnished. Other SSI units within Tamilnadu State claiming exemption from the payment of E.M.D / S.D. should enclose attested copies of the certificates issued by the Director of Industries and Commerce or the District Industries Contrar regarding the existence and capacity in respect of the manufacturing of article covered by the tender. In case of non observance of any of the conditions stipulated in the contract the SSUNSIC units are liable to pay as penalty an amount equivalent to Earnest Money Deposit security deposit or an amount equal to the actual loss incurred by the Board consequent on such breach of contract whichever is higher and also levy of liquidated damages at 2% of the value of the undelivered portion of the contract.

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**TAMILNADU WATER SUPPLY AND DRAINAGE BOARD
LETTER SUBMITTING TENDER.**

From

To
The Superintending Engineer,
TWAD Board, Dharmapud Circle,
43, Pennagaram Road, Dharmapuri.

Sir,

I / We hereby tender and if this tender be accepted undertake the following work

1. **"SUPPLY AND DELIVERY OF HYDRATED LIME Ca(OH)_2 (RAJASTHAN) PURITY 90% AND ABOVE CONFORMING TO THE IS 1514 / 1990 TO HOSUR WATER TREATMENT PLANT @ KELAVARAPALLI DAM UNDER A.M. OF HOSUR SIPCOT CWSS"** as detailed in Schedule A.
2. I/We have also completed the price list of Items of Schedule-A Annexure (in words and figures)
3. I /We hereby distinctly and expressly declare and acknowledge that before the submission of my/our tender I/We carefully followed the instructions in the, tender notice and have read the general terms and conditions and Specifications therein and do hereby agree to abide by the said terms and conditions.
4. I/We furnish below the location and full address of the factory, details and capacity of the plant, details of orders executed for the government departments/autonomous Board and details of orders on hand / pending execution.
5. I/We enclose the following xerox copies of the original certificates Issued by the competent authorities with attestation of Notary Public.
 - i. Latest Income Tax Clearance Certificate.
 - ii. Latest Sales Tax Clearance Certificate.
 - iii. Latest performance certificate issued by the Government Departments/ Autonomous Boards and other reputed organisations.

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- iv. Valid NDIC registration certificate.
- v. Valid SSI registration Certificate.
- vi. Valid ISUISO License

6. I / We enclose herewith

for the payment of Rs...../- (Rupees

only) towards Earnest Money Deposit. If my/our tender is not accepted, this shall be returned to me / us on my / our application when Intimation IS sent to MG/U3 of rejection of this tender or at the expiration of 120 days from the date of opening of this tender whichever is earlier. If my / our tender is accepted the Earnest Money Deposit shall be retained by the TWAD Board as Security for the fulfillment of the contract This will be returned to me/us after remitting 2% of the value of the Contract order In the form of postal Security Deposit Account drawn Executive Engineer, TWAD Board, RWS Division, 28-A. West Link Co-Operative Colony Road, Krishnagiri 635 001, PHONE - 04343 - 236287, Tamlinadu in case the Earnest Money Deposit has been remitted in any other than Nationa Saving Scrips.

7. If upon Intimation being given to me/us by the Chief Engineer, TWAD Board, Northern Region, Vellore on acceptance of my/our tender. I / We fall to enter into the required agreement within 15 days duly furnishing Security Deposit as defined, then I/We agree to the fbrfeiture of the Earnest Money (Bid security amount).

Any notice required to be served on me/us hereunder shall be sufficiently served on me/us. If delivered to me/us personally or forwarded by post to me/us (registered) or left at my/our address given herein. Such Notice, shall if sent by post be deemed to have been served on me/us at the time when, in due course of post, it would be delivered at the address to which R is sent.

8. I/We fully understand that on receipt of communication of acceptance of, tender from the accepting authority there emerges a valid contract between me/us and the TWAD Board, represented by the Officer accepting the agreement and the tender documents i.e., tender notice, tender with schedules, general conditions to the contract and special conditions of the tender negotiation letters, communication of acceptance of tenders, shall constitute the contract for this purpose and be the foundation of rights of both the parties as defined In clause 5.3 of the General Terms and conditions of contract, provided that, it shall be open to the acceptance authority to insist on execution of any written agreement by the tenderer, if administratively considered necessary by expedient.

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BILL OF QUANTITIES.
(to be furnished separately as Price bid)

General:

The Bill of quantities shall contain items for **SUPPLY AND DELIVERY OFHYDRATED LIME Ca(OH)₂ (RAJASTHAN) OF PURITY 90% AND ABOVE CONFORMING TO THE IS 1514 /1990 TO HOSUR WATER TREATMENT PLANT @ KELEVARAPALLI DAM UNDER A.M. OF HOSUR - SIPCOT CWSS.**

The Bill of Quantities will be used to calculate the Contract Price. The Contractor shall be paid for the quantum of supply made at the rate mentioned for each item in the Bill of Quantities.

Item for which no rate or price has been entered in will not be paid for by the Employer when-executed and shall be deemed covered by the other rates and prices in the Bill of Quantities.

Unit rates and prices shall be quoted by the bidder in Indian rupee.

Where there is a discrepancy between the rates in figures and words, than the lowest rate quoted either in words or in figures above will be considered.

Where there is a discrepancy between the unit rate and the line item total resulting from multiplying the unit rate by quantity, the unit rate quoted shall govern.

The unit rates (price) should be quoted for each and every item covered in the BOQ both in figures and words without omission. The line total, page total and overall total should be furnished correctly.

The rates quoted in ft BOQ shall be for carrying out the work in conformity to the BIS, TNBP and Technical Specifications and other Terms and Conditions set out in the Bid Document.

All the pages in the BOQ should be signed without omission, All corrections/over writing should be property attested by the Bidder.

Change In the Quantities.

If the final quantity of the work done differs from the quantity in the Bill of Quantities for the particular Items, the rates as in the agreement for the relevant items shall be paid.
NAME OF WORK: SUPPLY AND DELIVERY OF HYDRATED LIME Ca(OH)₂ (RAJASTHAN) OF PURITY 90%. AND ABOVE CONFORMING TO THE IS 1514 / 1990 HOSUR WATER TREATMENT PLANT AT KELEVARAPALLI DAM UNDER A.M. OF HOSUR - SIPCOT CWSS, to be carried out by the Contractor.

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SCHEDULE "A"

NAME OF WORK : HOSUR SIPCOT CWSS IN KRISHNAGIRI DISTRICT - SUPPLY AND DELIVERY OF HYDRATED LIME Ca(OH)_2 TO TREATMENT PLANT AT KELAVARAPALLI DAM, HOSUR (ANNUAL RATE CONTRACT BASIS).

Sl. No.	Qty.	Description of materials	Unit	Rate cost per metric tonne Both figures and words	Total cost as per metric tonne
1	695.32 MT	Supply and delivery of Hydrated lime Ca(OH)_2 of purity 90% and above conforming to the IS 1514/1990 to Hosur Water Treatment Plant at Kelavarapalli dam, Hosur under A.M. of Hosur Sipcot CWSS including excise duty and all other taxes, duties, loading, transportation, insurance, unloading and stacking etc. complete at FOR Kelvarapalli dam site near Hosur.	1 MT (One metric tonne)		

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SCHEDULE – “B”

RATE OF PROGRESS

The following rate of progress and proportionate value of work done from time to time as indicated will be required.

Date of commencement of this program will be the date of receipt of each supply order issued by the direct demanding officers.

PERIOD AFTER DATE OF RECEIPT OF SUPPLY	PERCENTAGE OF WORK COMPLETED (BASED ON CONTRACT LUMPSUM AMOUNT)
30 DAYS	100% of each & every supply order (Supply and delivery)

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GENERAL TERMS AND CONDITIONS OF CONTRACT.

1. GENERAL:

The tender schedule is not transferable and it should be used only by the tenderer to whom it is officially issued by the TWAD Board. Tender received In the forms, other than the forms and schedules issued by the Board to the tenderer, will not be considered and rejected as non-responsive.

2.RATES:

2.1. The rates should be quoted in the Schedule-A indicating separately in respective columns the basic rates. Excise Duty, Sales Tax and other tam and also the charges for delivery of the materials Including transports charges, loading, unloading and stacking charges at the TWAD Board Stores including transit insurance charges.

2.2. If any tender is exempted from the levy of Sales Tax (State or Central) the fact should be mentioned and the period to which the exemption Is available should be mentioned along with the authenticated proof In the covering letter accompanying the tender.

2.3. Sales Tax, State or Central, which are legally leviable will be paid extra by to Board at the rates prevailing at the time of despatch of the materials. The TWAD will not Issue C-Form for Inter-State purchases. Therefore, rate Sake Tax applicable without C-Form should be Indicated In Schedule-A. The tenderers have to furnish the following certificate under their dated signature along with the relevant Invoice/all.

"Certified that the goods in which Sales Tax has been charged have not been exempted under the Sales Tax Act or on the rules made there under and that the amount charged on account of the Sales Tax on these goods are not more than what Is payable under the provision of the relevant Act or rules made thereunder".

2.4 The Excise Duty quoted In the tender shall be final claims for revision of Excise duty after submission of tender, depending upon the turn over will not be entertained, However, if any revision in the rate of Excise Duty/Sales Tax within the delivery period, due to government policy, will be considered on production of documentary evidence, If there is any decrease in excise duty and saw\$ tax during the delivery period, the reduced rate of excise duty and sales Tax alone will be allowed. If any tenderer is exempt . ed from the levy of Excise Duty, the fact should be intimated along with authenticated proof in the tender. Excise duty is payable on proof of documentary evidence. However any Increase In excise duty during the extended delivery period of contract will not be payable by the Board. Any MODAVT credit availed on the input should be passed on to the Board on proportionate, basis without fail. A certificate as given below should be furnished In each bill claimed for the supplies, made by the firm. MODVAT credit has been passed on to the Board by the supplier/MODVAT has not been availed by the supplier.

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2.5 (1) The rates for each Item in the tender schedule shall be written both in figures and in words. Corrections, If any shall be made by crossing out initialling, dating and rewriting. Where the rate is quoted in whole rupee without any decimal fraction the word "only" shall be inserted after the rate quoted as "Rupees eight hundred should read as "Rupees eight hundred only" after the insertion.

ii. When there is difference in rate quoted by the tenderer in figures and In words then the lowest of the rates quoted either in figure or in words alone will be considered.

2.6. Tenderers should not offer any conditional discount in their tenders, conditional discount / rates / clauses if any offered will not be accepted and such tender will be rejected.

3. PRICE

3.1 The rates quoted shall be firm and fixed and applicable till the completion of supply and no price increase will be entertained during the period of contract from the date of fixing the rate contract.,

3.2. It must be further noted that supplier will not be eligible for any extra cost involved due to increase of statutory levy on Sales Tax / duties for the extended delivery period if granted.

4. PRICE FALL CLAUSE:

4.1 It will be a condition of the contract that the price charged for the stores supplied under the proposed contract by contractor shall In no event exceed the lowest price which the contractor sells the stores of identical description, to any other person / organisation who enter Into an agreement after the date during the period of currency of the contract is completed.

4.2. If at any time during the said period the contractor reduce the price of such stores to any other person / organisation at a price lower than the price chargeable under the contract for the stores supplied after the date of coming into force of such reduction or sales shall stand correspondingly reduced. The above stipulation will however not apply to exports by the tenderer.

4.3. The contract or will not be eligible for any extra cost involved due to increase of statutory levy on sales tax / duties for the extended delivery period, if granted.

4.4. The tenderer shall furnish the following certificates to the consignee along with each bill for payment for supplies made against the contract.

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I / We certify that there has been no reduction in sale price of the stores of description Identical to the stores supplied to the Government under the contract herein and such stores have not been offered/sold by matu3 to any person / organisation Including the purchaser or any Department of the Central Government or State Government or as the case may be upto the date of completion of supplies against the supply order placed at a pries lower than the price charged to the Board under this contract.

5. EARNEST MONEY DEPOSIT/SECURITY DEPOSIT AND AGREEMENT:

5.1. The Earnest Money Deposit of unsuccessful tenderers will be refunded as soon as the final decision on the tenders is taken.

i. The successful tenderer on receipt of intimation to acceptance of his/her tender should furnish security deposit representing 2% (Two percent) of the approximate value of materials ordered to be fixed by the Board. The Security Deposit should be paid in the form of National Savings Certificates/Post Office savings deposit account purchased within the State of Tamil Nadu duly pledged in favour of the Executive Engineer, 7WAD Board, RWS Division, 28-A, West Link Colony Road, Krishnagiri Pin 635 001 Phone 04343 - 236267, Tamilnadu.

(or)

Unconditional and Irrevocable bank guarantee Issued by any one of ft branches of Nationalised Bank (or) scheduled Bank with in ft State of Tamilnadu as per to prescribed flormat furnished In the bid document in favour of the Executive Engineer, IWAD Board, RWS Division, Krishnagiri for an amount of Rs..... (equivalent to 2% of the total value of the contract). On receipt of the Security deposit and conclusion of the agreement the Earnest Money Deposit of the successful tenderer will be refunded.

5.2. Notification of acceptance of tender by the Board shall be deemed to result in and constitute a valid and considered contract binding on the tenderer. If the tenderer withdraws his/their tender after acceptance by the Board, the Earnest Money Deposit shall be forfeited.

5.3 The successful tenderer should execute an agreement in no judicial stamp paper, having a face value of Rs. 10.50 within 15 days from the date of notification of acceptance by the Board, for the due fulfillment of contract.

5.4. The Earnest Money Deposit / Security deposit will not bear any interest.

5.5. The Earnest Money deposit will be forfeited if the successful tenderer fails to remit the security deposit and execute the agreement within ft period specified.

5.6 The Security Deposit will be refunded only upon satisfactory fulfilment of the contact ie. after completion of supply of the entire materials ordered and after expiry of ft guarantee period of consignment last supplied, duly adjusted the amount due to the Board, If any.

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5.7. The Security Deposit along with the interest accumulated on such Interest bearing securities Is liable to be forfeited either In full or part for breach of conditions of contract or by default on the part of the contractor. The decision of the Chief Engineer, TWAD Board, Northern Region, Vellore-6 shall be final.

5.8. Small Scale Industries registered with the NSIC or the Tamilnadu Small Scale Industries Development Corporation for the manufacture of the materials, covered by this tender, are exempted from the payment of Earnest Money Deposit and Security Deposit provided they enclose copy attested by notary public of the registration certificate which should be current and valid. Validity period and the monetary value of registration should also be furnished.

5.9. Other SSI Units within Tamilnadu State claiming exemption Rom the payment of Earnest Money Deposit/Security Deposit should enclose notary public attested copies of the certificate issued by the Director of Industries and Commerce or the District Industries Centers regarding their existence and capacity In respect of to manufacturing of article covered by the tender. In case of non-observance of any of the conditions stipulated in the contract the SSI/NSIC units are liable to pay as penalty an amount equal to the actual loss incurred by the Board consequent on such breach of contract whichever is higher and also levy of liquidated damages at 2% of the value of the undelivered portion of contract.

6. PERIOD OF CONTRACT, DELIVERY PERIOD'AND, RATE OF PROGRESS:

A. The annual rate contract is valid for one year from the date of acceptance of tender.

13. The date of delivery as per postal acknowledgement due, In the case of purchase order sent by post or the date of delivery to the successful tenderer if delivered in person or through special messenger shall be deemed to be the date of receipt of the each and every purchase order.

The delivery period THIRTY DAYS shall be reckoned from the date of receipt of the each and every purchase order by the supplier Delivery period means, it is inclusive of pre-delivery Inspection if found necessary in case it is insisted in the supply order the HYDRATE LIME Ca(OH)_2 ordered should be produced for pre delivery inspection within two days if found necessary in case it is insisted in the supply order without fail. The HYDRATE LIME Ca(OH)_2 thus inspected and cleared should be delivered within 15 days time limit from the date of issue of final test report to the consignee concerned after duty packing, clearing excise duty, other taxes ft. The daft of railway/lorry receipt will be taken as the date of despatch. For direct deliveries the firm should not take more than SEVEN DAYS on any account from the date of issue of the final test report. The tenderer should inform the Inspection Officer concerned sufficiently in advance and obtain a concurrence to fix up a date of inspection. Time shall be considered as the essence of this contract and the tenderer should agree to complete the

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SUPPLY AND DELIVERY OF HYDRATED LIME Ca(OH)_2 (RAJASTHAN) OF PURITY 90% AND ABOVE CONFORMING TO THE IS 1514 A990 TO HOSUR WATER TREATMENT PLANT @ KELEVARAPALLI DAM UNDER A.M. OF HOSUR S1PCOT CWSS

as detailed in Schedule A and as per terms mentioned in this tender schedule.

6.1 The successful tender should examine carefully the purchase orders immediately on receipt and bring to the notice of the Indenting officer within 7 days of the receipt of the purchase orders, any discrepancy with regard to the quantity ordered, specification, packing etc., for prompt rectification. The letter should be sent by registered post with acknowledgement due. Meanwhile, supply of the materials which are dear in all respect for despatch and acceptance by the consignees shall be arranged by the date mutually agreed upon and should not be hold up for reason whatsoever.

6.2. The Board does not undertake to provide any assistance in the procurement of raw materials required for the manufacture of the materials. The tenderer should make his own arrangement to procure the necessary raw materials and no extension time for delivery shall be granted on this account.

7. INSPECTION:

7.1. The HYDRATED LIME Ca(OH)_2 supplied should strictly conform to the specifications described in Schedule-A and the special specifications thereto. Besides, the materials supplied should bear the mark "TWAD" stenciled in each and every consignment and also the inspection marks and the other marks specified by the Inspection Officer at the time of pre-delivery inspection. The rates quoted shall be inclusive of this and no extra charges shall be claimed by the Contractor on this account.

7.2. Materials received at the consignee and without the identification marks aforesaid will be rejected. The certificates issued by Inspecting Officer should accompany the despatch document for each and every consignment.

7.3. Offers from the tenderers without testing / quality control facilities at their work will not be considered.

7.4 The tenderer should furnish the following particulars along the tender.

- a. Proof of having supplied HYDRATED LIME Ca(OH)_2 to ft Government department during the last three years.
- b. Performance certificate issued by the buyers for purchase orders.

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- c. List of machineries installed in their factory for production of HYDREATED LIME Ca(OH)_2
- d. Material composition for HYDRATED LIME Ca(OH)_2
- e. Details of Expiry period of HYDREATED LIME Ca(OH)_2 from the date of packing.

The above particulars should be furnished along with tender.

PRE DELIVERY INSPECTION :

The HYDRATED LIME Ca(OH)_2 be inspected by the TWAD Board officials if found necessary in case it is insisted In the supply order at the work site of the manufacturer and the inspection note Issued should be enclosed for each and every consignment of supplies despatched from works. The supplier should arrange to provW9 all necessary facilities required by the Inspection staff at his cost for conducting the Inspection of HYDRATED LIME at works supplier should give timelt intimation to the consignee, so that inspection and testing could be arranged n advance without impeding the progress of deliveries stipulated.

1 . The re-inspection charges for the materials offered in replacement of the rejected materials shall be Rs.2,500/- per days visit of Inspecting official, and this shall, however be borne by the supplier.

2. The firm should maintain all records pertaining to the raw materials grades which are used for the manufacture of various components for verification in the course of inspection

8.3. The materials should strictly conform to the specification given in Schedule A.

8.4. The HYDRATED LIME Ca(OH)_2 SO subject to the surprise Inspection bX, the Superintending Engineer, TWAD Board.

9. PACKING:

The contractor shall at his 40kg packing ordered by the Board In the manner specified in the relevant clauses of ISS and / or other standard specifications to the satisfaction of the carriers (Railway or Lorry Transport) duly taking proper care to ensure safety of the materials in transit and including loading, unloading and stacking operations.

The supplier should convey the HYDRATED LIME Ca(OH)_2 to the TWAD Board treatment site for CWSS to Hosur-Sipcot in Krishnagiri District for treatment of raw water of Kelavarapalli Dam in Thenpennaiyar- Hosur Municipality as per specification.

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TRANSIT RISK:

10.1 The materials despatched should be insured at the tenderers cost against breakage, losses, thefts etc., during transit, breakage or damages in transit shall be intimated by the consignee to the tenderer within 15 days of receipt of the materials. On receipt of Intimation from the consignee, the tenderer shall arrange to make good the loss/defect within 15 days.

10.2 The broken and damaged materials should be removed by the tenderer within 7 days from the date of receipt of intimation given by the consignee. If the tenderer fails to take back the rejected materials within a reasonable time depending upon the mode of conveyance and or on other valid reasons alternate arrangements shall be made to dispose off the rejected materials with formal instructions to the supplier and the proceeds realised thereof shall be paid to the supplier after deducting the expenditure if any incurred by the Board in the process of disposing them off together with, centage thereon and storage charges.

10.3 The materials should strictly conform to the specification given in the Schedule A and to the tender conditions. In case of doubt whether the materials conform to the specifications or not the decision of the consignee shall be final.

11. PENALTY.

11.1 Where the entire supply is not completed within the delivery schedule without prejudice to the right if the TWAD Board, to cancel the undelivered portion of the purchase order, extension of time, may N so required by the tenderer, be granted at the discretion of the Managing Director / Chief Engineer / Indenting Officers, Tamilnadu Water Supply and Drainage Board. Such extension of time may entail recovery of penalty from the contractor at half a percent - per week (1 /2%) on the value of the undelivered quantities subject to maximum of five per cent (5%) of the value of the undelivered quantity which is belatedly supplied In the extended period.

11.2. The Board or any other officer authorised by the Board will have the right to cancel the purchase order/contract and to recover from the tenderer liquidated damages at two percent (2%) of the value of the undelivered quantity or the balance quantity whichever is higher, besides forfeiture of the Earnest Money Deposit/Security Deposit.

11.3 In the event of non fulfillment or non-observance of any of the conditions Stipulated in the contract the Small Scale Industrial Units shall pay as penalty an amount equivalent to Security Deposit or an amount equal to the actual loss incurred by the Board, consequent on such breach of contract whichever is higher.

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11.4. Provided that where the performance of the contract in whole or in part is prevented or delayed by reasons of war, hostility, enemy action civil commotion, strikes, lockouts, sabotage, fires, floods, explosion epidemics quarantine restriction or other acts of God or Force Majeure (hereinafter referred to as evebtyakutues), then, if notice is given by the contractor, to the Managing Director/TWAD/Chennai or Chief Engineer, TWAD Board, Northern Region, Vellore within 15 days of the occurrence neither party shall be entitled to terminate the contract nor have any claim fbr damages against the other in relation to the non-performance or delay in performance of the contract. Deliveries under the contract should be resumed as soon as practicable after the eventuality has come to an end or cease to exist

11.5 Provided further, where the period of eventuality exceeds 60 days, the Managing Director/TWAD/Chennai or Chief Engineer/TWAD Board/Northern Region/Vellore may at his option terminate the contract by notice in writing without prejudice to the liabilities of the contractor in respect of any delay or default prior to the occurrence of ft eventuality.

12.GUARANTEE.

12.1. The Contractor shall guarantee the HYDRATED LIME supplied under this contract for processing, manufacturing utility in drinking water supply etc., as stipulated in the relevant IS Specification as amended upto date.

The nature of defects noticed during the guaranteed period and/or before achieving the guaranteed such as manufacturing defects or otherwise will be decided by the respective consignee and his decision on the same is final and binding.

12.2. The materials to be delivered by the Contractor in replacement of the rejected materials should also undergo pre-delivery inspection before despatch to the consignee as per clause 4-5 above,

13. CONSIGNEE DETAILS.

A) Executive Engineer, TWAD Board, RWS Division, 28A West Link Road, Co-Operative Colony, Krishnagiri - Pin 635 001 - Phone - 04343 - 238267.

the materials should be despatched to the destination as indicated In the supply order issued by the respective consignee,

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14. PAYMENT:

Payment will be made by the respective consignee concerned as noted below:

a. 100% of the value of materials with 100% tax will be paid within 30 days from the date of receipt of materials in good condition or date of receipt of complete documents by the consignee whichever is later.

15. JURISDICTION OF COURT:

In the event of any dispute arising between parties hereto in respect of any of the matter comprised in this contract, the same shall be adjudicated only by a competent court having jurisdiction over the place where the contract is awarded and agreement 13 concluded and by no other court or authority. Xerox copies of all the certificates wherever called for in this tender schedule should be got attested by notary public and produced by the tenderer.

16. RESERVATION OF RIGHTS

a) Managing Director, TWAD, Chennai/Chief Engineer, TWAD Board, Northern Region, Vellore-6. reserves the right to reject any (or) part (or) whole tenderers without assigning any reason therefor.

- b) To award contracts to one or more tenderers in respect of each items covered by the tender.
- c) To relax or Waiver or modify at his discretion any condition / specification in the tender in the interest of the TWAD Board.

The decision of the Managing Director, TWAD, Chennai / Chief Engineer, TWAD Board, Northern Region, Vellore - 6 in this regard shall be final conclusive and binding on the supplier,

17.DIRECT DEMANDING OFFICERS:

The following officers of TWAD Board are authorised to operate this annual rate contract to place supply order as r the actual requirements then and there.

- A. Chief Engineer, TWAD Board, Northern Region, Vellore - 6.
- B. Superintending Engineers, TWAD Board, Dharmapuri Circle, Dharmapuri.
- C. Executive Engineer, TWAD Board, RWS Division, 28A, West Line Road, Co-Operative Colony, Krishnagiri PIN-635 001 - PHONE 04343 – 236267 Tamilnadu.
- D. Any other- Officers of TWAD Board duly authorised by the Managing Director, TWAD Board, Chennai or the Chief Engineer, TWAD Board, Chennai or the Chief Engineer, TWAD Board, Vellore-6.

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TECHNICAL SPECIFICATION FOR HYDRATED LIME Ca(OH)₂.

AVAILABLE CALCIUM HYDROXIDE (PURITY)	+ 90% MIN.
EQUIVALENT CALCIUM OXIDE	: 71.9% MIN.
SILICA	: 0.5% MAX.
IRON ALUMINA	: 0.3% MAX.
MAGNESIA	: TRACE
FITNESS	: 100% through 300 mesh

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TESTING OF HYDRATED LIME :

1. Each and every consignment should be got tested by any one of the Government approved independent analytical laboratory or TWAD Board state level testing laboratory based in India for qualification as good grade lime. This good grade makes this lime (CaO) quality for water treatment resulting in potable water. The test result have the following analysis report.

DETERMINATION OF AVAILABLE LIME (as (CaO))

9.0. Two methods have been prescribed for the determination of available lime for routine analysis the iodine method prescribed in 9.1 may be used but in case of dispute the sugar method prescribed in 9.2 shall be used.

9. 1. Iodine method

9.1 - 1. Reagents

9. 1. 1. 1. Standard Sodium Thiosulphate solution, 0. 1 N, recently standardized

9.1.1.2. Standard Iodine solution

10. 1 N, Recently standardized against standard sodium, Thiosulphate solution.

9.1.1.3. Starch Indicator solution.

Triturate 5 g of starch and 0.01.g of mercuric iodide with 30 ml of cold water and slowly pour it, with stirring, into 1 litre of boiling water. Boil for Three minutes, allow the solution to cool and decant off the Supernatant clear liquid.

9.1.2 Procedure

Take 1 g of material accurately weighed, in a glass - stoppered Conical Flask and add about 30 ml of boiling water, shake for 5 to 10 minutes. Cool the solution and add an amount of iodine solution sufficient to provide an excess of about 5 ml and stir occasionally until the lime has gone in solution. In any insoluble silica present is easily distinguished from the milky -appearing lime. When the solution of the lime is complete (about 10 minutes are required) dilute the solution in a volumetric Flask to 500 ml. pipette out 25 ml of the solution and titrate the excess iodine with standard sodium thiosulphate solution, adding starch indicator towards the end of the titration. Carry out a blank determination using the same amount of iodine solution as with the sample.

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9.1.3. Calculation

$$\text{Available lime (as CaO) percent by mass} = \frac{56.08(VI - V2) N}{M}$$

Where

V = Volume in ml of standard sodium thiosulphate solution used in the blank.

V2 = Volume in ml of standard Sodium thiosulphate used with material

N = Normality of standard thiosulphate solution, and M = Mass in g, of the material taken for the test.

9.2 Sugar method

9.2.1 Reagents.

9.2. 1.1. Rectified spirit, see IS 323: 1959

9.2-1.2. Standard Hydrochloric acid, 0. 1 N,

9.2.1.3. Standard sodium Hydroxide solution. 0.1 N

9.2.1.4 Sugar solution approximately 15 percent in Carbon dioxide free water

9.2.1.5 Phenolphthalein Indicator solution. Dissolve 0.5 g of Phenolphthalein in 100 ml of rectified spirit.

9.2.2. Procedure Weigh accurately about 1g of finely powdered material into a 500 ml volumetric; flask and wet it with the minimum amount of rectified spirit. shake with about 400ml of sugar solution for three hours and dilute to the mark. Filter through a coarse dry filter paper (Whatman No. 40 or its equivalent) into a dry flask. Discard the first 25ml of the filtrate , pipette out 50ml from the filtrate into another flask, add 50ml of standard hydrochloric acid and titrate with standard sodium hydroxide solution using phenolphthalein as indicator.

9.2.2. 1. Run a blank using 50ml of sugar solution and 50 ml of standard hydrochloric acid.

9.2.3. Calculation

$$\text{Available lime (as CaO) percent by mass} = \frac{28.04 (A-B) N}{M}$$

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TAMIL NADU WATER SUPPLY AND DRAINAGE BOARD.
INVITATION FOR BIDS
ANNUAL RATE CONTRACT

Tender Notice No.3-1(Second Call)/DOII/F.Hydrated Lime/2010/Dt.16.08.2010

For an on behalf of Tamil Nadu Water Supply and Drainage Board, sealed bids are invited for the following works for fixing the Annual Rate Contract (One Cover)

Sl. No.	Description of work	Bid security	Cost of Bid document	Period of sale and contact person	Last date & time for submission of bids & place	Date & time of Opening of tender schedule
1	2	3	4	5	6	7
1	Supply and delivery of Hydrated lime Ca (OH) ₂ of purity 90% and above conforming to the IS 1514 / 1990 to Hosur Water Treatment Plant at Kelavarapalli Dam, Hosur under Annual Maintenance of Hosur Sipcot CWSS	Rs.44000/- (Rupees Forty Four thousand only)	Rs.1040/- (1000+40) by csh / DD in favour of contact person.	From 19.08.2010 to 30.08.2010 upto 5.45PM Executive Engineer, RWS Division, 28-A, West Link Co-operative Colony Road, Krishnagiri 635001 Ph.No.04343 - 236267	Upto 3.00PM on 31.08.2010, O/o the Superintending Engineer, TWAD Board, 43-C, Pennagaram Road, Dharmapuri, Tamil Nadu State Ph.No. 04342 – 263124	At 3.30PM on 31.08.2010

If bid documents are required by post an amount of Rs.250/- to be paid additionally and in such cases the Board will not be responsible for the delay or loss during transit. The undersigned reserves the right to reject any or all bids without assigning any reasons therefor. The bid documents can also be had from the Executive Engineer, RWS Division, 28 A, West Link Co-operative Colony , Krishnagiri remitting the cost of the documents in the form of Demand Draft in favour of the Executive Engineer, RWS Division, Krishnagiri.

The bid document can also be freely down loaded from the web site www.twadboard.com/tenders. The eligibility criteria and other terms and conditions as per bid document will be followed strictly.

Please visit our web site www.twadboard.com/tenders for further details.

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Superinending Engineer, TWAD,
Dharmapuri Circle, Dharmapuri.

To

All Manufacturers/Suppliers under Certificate of Posting.
Copy submitted to the Managing Director, TWAD, Chennai for favour of kind information.
Copy submitted to the Engineering Director, TWAD Board, Chennai for favour of kind information.
Copy submitted to the Chief Engineer, Northern Region, Vellore for favour of kind information.
Copy to the Executive Engineers of this Circle for wide publicity.
Copy to the Chief Vigilance Officer, Vigilance Cell, TWAD, Head Office, Chennai.
Copy to SE's table, DSE/DO
Spare copy 5 nos.

Sd/--
Superinending Engineer, TWAD,
Dharmapuri Circle, Dharmapuri.