

Tender Ref:TANCEM/MM/63/Hi-Chrome Grinding Media /ARYR/2010.

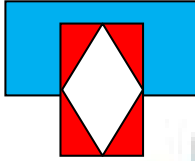
DT. 27-08-2010

TENDER FOR SUPPLY OF HI-CHROME GRINDING MEDIA TO ARIYALUR CEMENT UNIT

Ref:-TANCEM/MM/63/Hi-Chrome Grinding Media/ARYR/2010, DT. 27-8-2010

ADVERTISED ON : 27-08-2010

LAST DATE FOR SUBMISSION OF TENDER : 29-09-2010 UP TO 3.30 PM



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PART – A

TECHNICAL BID

1) PREAMBLE OF TENDER

TANCEM, a Public Sector Undertaking is having two cement units one at Alangulam and other one at Ariyalur. Both the Units employ ball mills for grinding limestone, cement, and coal. Hi -chrome grinding media balls of various sizes ranging from 40 mm to 90 mm are being used for cement grinding in both the Units. In addition 25 mm x 25 mm Cylpebs is also being used in the open circuit cement grinding mill at Alangulam Cement Unit. To meet the current requirement of both the Units, we propose to call for tender for the purchase of about 145 MTs of Hi-chrome grinding media.

Short Titles used in the Tender Document:

1	Bidder	Bidder means the party who makes a formal offer in pursuance of the Tender floated.
2	Successful Bidder	Successful Bidder means the Bidder who becomes successful through the Tender process.
3	Day	A day means a calendar day
4	SUPPLIER	SUPPLIER means the bidder who is entrusted the work of supplying Hi -chrome grinding media to Alangulam & Ariyalur cement units.
5	Cost	Cost means the total cost to be incurred by the Supplier towards the entire scope of the work.

Applicability of Tamil Nadu Transparency in Tender Act, 1998

This Tender will be governed by the Tamil Nadu Transparency in Tender Act, 1998 and The Tamil Nadu Transparency in Tender Rules, 2000 as amended from time to time.

(<http://www.tn.gov.in/gorders/>)

2- CHECK LIST

Bidder to fill in the check list given below (State Yes / No for each item)		
1.	Whether the Technical Bid and Price Bid are submitted in separate covers and both the covers enclosed in a common envelope.	
2.	Whether envelope A contains:	
	a) Earnest Money Deposit (EMD) amount	
	b) Pre-Qualification details as laid down in the Tender under Eligibility Criteria.	
	c) Technical Bid in the original Tender document and other supportive documents	
	d) The profile of the Company - Annexure - I	
	e) Letter of Authorisation for signing the Tender document.- Annexure - II	
	f) The filled up and signed Technical Specification - Annexure - III	
	g) Audited Annual report for the previous two years	
	h) Certificate of incorporation of the company	
	i) Whether all the pages of the tender documents including of Annexures signed with official seal.	
3	Whether Envelope-B contains: Filled up and signed Price Bid documents in the price bid form in full, with price details - Annexure - IV.	
NOTE: Please ensure all the relevant boxes are marked YES/NO against each column.		
IMPORTANT NOTE: Bidders must ensure that all the required documents indicated in the Tender document are submitted without fail. Bids received without supporting documents for the various requirements mentioned in the tender document are liable to be rejected at the initial stage itself.		

3) SALIENT FEATURES OF THE TENDER

Tender for of supply of Hi-chrome grinding media to Ariyalur Cement unit.		
1	a) Tender inviting Authority b) Designation and Address	The Manager (Materials) TAMIL NADU CEMENTS CORPORATION LTD., L.L.A BUILDING , SECOND FLOOR, 735, ANNA SALAI, CHENNAI – 600 002. TAMIL NADU, INDIA.
2	a) Name of the Work	Supply of Hi - Chrome grinding media to Ariyalur cement unit, Ariyalur Dt.
	b) Tender reference	TANCEM/MM/63/Hi-Chrome Grinding Media/ARYR/2010; Dt-27-08-2010
	c) Place of Supply	Ariyalur cement Unit, Ariyalur, Ariyalur Dt, Tamilnadu.
	d) Period of completion	One year from the date of finalization of Tender.
3	a) Tender documents available place and due date for obtaining tender	On all working days from 27-08-2010 a) To 28-09-2010 (up to 4.00 PM) & b) Up to 3.00PM on 29-09-2010 from the address mentioned in by paying the cost of tender document (1).Alternatively, Tender documents can be downloaded free of cost from www.tancem.com however the necessary drawings shall be obtained either from the factory during visit or shall be obtained from Corporate Office on request.
	b) Cost of Tender Document	Rs. 500/- per Tender Document inclusive of Taxes or Documents can be downloaded free of cost..
4	Earnest Money Deposit (EMD)	Rs.25,000/-(Rupees Twenty Five Thousand Only) - by Demand Draft or Banker's cheque or irrevocable B.G.
5	Due Date, Time and Place of Submission of Tender	Up to 3.30 pm , on 29-09-2010 at the address mentioned in (1)
6	Date, Time and Place of Opening of Technical Bid-A	On 29-09-2010 at 4 PM at 2 nd Floor ,Tamil Nadu Cements Corporation Limited,735 Anna salai,Chennai-2

7 Other important criteria specified by the Tender Inviting Authority:

Eligibility Criteria:

1. Manufacturing Facilities

- Bidder should have own manufacturing unit with a production capacity of not less than 200 MT/month.
- Bidder should have supplied atleast 150 MTs of Hi-chrome grinding media balls per month to any two cement units and should have a supply experience of not less than 5 years.
- Bidder should have Medium Frequency Induction furnace with solid-state control for casting of Grinding media balls.
- Bidders should have Electric or oil fired furnace fitted with thermo couples for heat treatment of grinding media.
- Bidder should have Suitable Quenching facility.

2. Testing Facilities

- Bidder should have optical emission vacuum spectrometer with computer control for checking chemical composition.
- Bidder should have metallurgical microscope with facilities for resolution at high magnification (upto 500 X) and Photomicrographs for assessing the austenite level.
- Bidder should have rock well hardness testing machine.
- Bidder should have ultrasonic testing facility for crack detection.

3. Bidder should have annual turn over of minimum 12 crores for the last two financial years.

4. The suppliers who have not supplied atleast 80 % of the ordered quantities in our earlier orders during the last two years will not be considered and their offers will be rejected

5. Two cover System will be followed and the Bidders are required to submit Technical bid and Price bid in separate covers and both of these covers should be enclosed in another cover.

4) GENERAL INSTRUCTIONS

4.1 The Bidders are requested to examine the instructions, terms & conditions and specifications given in the Tender. Failure to furnish all required information in every respect will be at the Bidder's risk and may result in the rejection of their bid.

4.2 Clarifications in the Tender

a) A prospective Bidder requiring any clarification in the Tender may address the Tender Inviting Authority by letter or by Fax. TANCEM will respond in writing to any request for clarification in the Tender.

b) The responses to the clarifications will also be notified in TANCEM's website www.tancem.com

4.3) Amendments to the Tender

a) TANCEM may amend the Tender Conditions upto 3 days prior to the time fixed for opening of the Tender.

b) Also, amendment to the tender may be given in response to clarifications by prospective Bidders solely at the discretion of TANCEM.

c) Such amendments will be notified on TANCEM's website.

d) TANCEM at its discretion may or may not extend the due date and time for the submission of bids on account of amendments.

e) All the Bidders must periodically browse TANCEM website www.tancem.com till the closing date of this Tender for any amendments or corrigendum issued in connection with this Tender. TANCEM will not be responsible for any misinterpretation of the provisions of this tender document on account of the Bidders' failure to update the bid documents based on changes announced through the website.

4.4 Language of the Bid

The bid prepared by the Bidder as well as all correspondence and documents relating to the bid shall be written in English language only.

4.5) **The tender should be addressed to:**

**The Manager (Materials),
TAMIL NADU CEMENTS CORPORATION LTD.,
L.L.A BUILDING , SECOND FLOOR,
735, ANNA SALAI, CHENNAI – 600 002. TAMIL NADU , INDIA
Phone: +91-44-28525461 / 71
Fax:+91-44-28523991 www.tancem.com
Email: materials@tancem.com**

4.6) Any offer made in response to this tender when accepted by TANCEM will constitute a contract between the parties.

4.7) **CORPORATION NOT BOUND BY ANY PERSONAL REPRESENTATION**

The supplier shall not be entitled to any increase in the rates or any other right or claim whatsoever by any reason or any representation, explanation or statement or alleged representation, promise or guarantee given or alleged to have been given to him by any person of the Corporation.

4.8) **MEMBERS OF THE CORPORATION NOT INDIVIDUALLY LIABLE**

No Director or official or Employee of the Corporation shall, in any way, be personally bound or liable for his / her acts or obligations of the Corporation under the contract or answerable for any default or omission in the observance or performance of any acts, matters or things which are herein contained.

5) TENDER COST AND EMD:

5.1) Cost of Tender Document:

- a) The cost of Tender document is Rs.500/- (Rupees Five Hundred only) inclusive of Tax. The Tender document is not transferable to any other Bidder.
- b) The Tender document cost may be paid either by Cash or Demand Draft in favour of "Tamil Nadu Cements Corporation Ltd", payable at Chennai.
- c) Tender **documents can be downloaded free of cost from www.tancem.com** however the necessary drawings shall be obtained either from the factory during visit or shall be obtained from Corporate Office on request.

5.2) EMD Amount and Mode of Submission:

- a) An EMD amount of **Rs.25,000** (Rupees Twenty Five Thousand only) should be paid along with Technical Bid by way of Demand Draft / Banker's cheque /irrevocable B.G.(B.G with a validity of 9 months) drawn in favour of "Tamil Nadu cements corporation Ltd" payable at Chennai. The EMD amount of the unsuccessful Bidders will be returned after the acceptance of the successful Tenders within a reasonable time.
- b) The EMD amount held by TANCEM till it is returned to the unsuccessful Bidders will not earn any interest thereof.
- c) The EMD amount held by TANCEM till it is returned to the unsuccessful Bidders will not earn any interest thereof.
- d) Any bid not secured with the EMD amount will be rejected by TANCEM as non-responsive.
- e) The EMD amount shall be forfeited:

If a Bidder withdraws the bid during the period of bid validity specified in the tender (or) in the case of the Successful Bidders, if the Bidder fails to sign the contract or to remit Security Deposit.

5.3) Cost of bidding:

The Bidder shall bear all costs associated with the preparation and submission of their bid and the buyer will in no case be responsible or liable for these costs, regardless of the conduct or outcome of the bidding process.

6) ELIGIBILITY CRITERIA:

The Bidders should meet the following Eligibility Criteria for bidding the tender and the proof for the Eligibility should be provided in the Technical Bid.

Sno	Minimum Eligibility Criteria	Proof to be submitted for fulfilling the Eligibility
1.	Manufacturing Facilities	
a)	Bidder should have own manufacturing unit with a production capacity of not less than 200 MT/month.	Bidder should provide the Documentary evidence. Details such as no. of furnaces and capacity.
b)	Bidder should have supplied atleast 150 MTs of Hi-chrome grinding media balls per month to any two cement units or any other major heavy Industries and should have a supply experience of not less than 5 years.	Bidder should provide the Documentary evidence. (Any one) Purchase Orders Satisfactory supply Completion Certificate Performance Certificate
c)	Bidder should have Medium frequency Induction furnace with solid-state control for casting of Grinding media balls.	Bidder should provide the Documentary evidence.
d)	Bidders should have Electric or oil fired furnace fitted with thermo couples for heat treatment of Grinding media.	Bidder should provide the Documentary evidence.
e)	Bidder should have Suitable Quenching facility.	Bidder should provide the Documentary evidence indicating the type of quenching done.
2.	TESTING FACILITY:	
a)	Bidder should have optical emission vacuum spectrometer with computer control for checking chemical composition.	Bidder should provide the Documentary evidence.
b)	Bidder should have metallurgical microscope with facilities for resolution at high magnification (upto 500 X) and Photomicrographs for assessing the austenite level.	Bidder should provide the Documentary evidence.
c)	Bidder should have rock well hardness testing machine.	Bidder should provide the Documentary evidence.
d)	Bidder should have ultrasonic testing facility for crack detection.	Bidder should provide the Documentary evidence.
e)	Bidder should have annual turn over of minimum 12 Crores for the last two financial years.	Bidder should enclose the Audited Balance Sheets for the last two audited years

7) DETAILS OF TECHNICAL SPECIFICATION & TESTING REQUIREMENT

7.1 Name of the Work

TENDER FOR SUPPLY OF HI-CHROME GRINDING MEDIA BALLS TO ARIYALUR CEMENT UNIT.

7.2 Description of material to be ground

Name of the material	Bond Index	Litre Weight
Clinker at Ariyalur	11 to 13	1.25 to 1.35 Kg/Litre

7.3 Details of Quantity to be supplied

ARIYALUR:		MTs.
1	80 mm Ø Balls	30.000
2	70 mm Ø Balls	30.000
3	60 mm Ø Balls	30.000
4	50 mm Ø Balls	30.000
5	40 mm Ø Balls	25.000
Total		145.000

7.4 PERIOD OF SUPPLY

The supply shall be effected for a period of 12 months from the date of issue of work order and delivery schedule will be issued to the successful bidder from the respective units.



8) SUBMISSION OF TENDER:

Two cover system will be followed:

8.1 General Instructions:

- a) The Tender proposes two stage Bid system viz. **(1) Technical Bid** and **(2) Price Bid**. The first stage enables TANCEM to know whether the Bidder is technically competent and capable of executing the order. Only those who qualify in the first stage would be eligible to take part in the second stage viz. Price Bid. The Price Bid of Bidders who failed in the first stage will not be opened.
- b) The bids should be submitted in two envelopes viz.
Envelope-A: Technical Bid / PART - A
Envelope-B: Price Bid / PART - B
- a) Both the covers must be sealed separately and superscribed with Tender number, due date and Name of the Envelope on the respective covers. These two covers should be enclosed in a separate cover and addressed to the Tender Inviting Authority.

8.2 Details to be furnished in the Envelope-A Technical Bid:

- a) Crossed Demand Draft / Bankers' cheque/irrevocable bank guarantee towards EMD Amount However, the EMD instrument should be enclosed only in the Envelope-A.
- b) Certificates of proof to show successful execution of similar type of supply earlier.
- c) Profile of the Company -Annexure-I
- d) Authorisation letter (Annexure-II) from the Competent Authority of the Company to sign this Tender document. Documents received without such authorisation will not be considered for further processing.
- e) The Bidder should furnish the location with addresses and license details of their manufacturing unit.
- f) The Bidder shall furnish as part of the bid, documents establishing the Bidders eligibility to bid and its qualifications to perform the Contract if their bid is accepted.

- g) All the required documents for Eligibility Criteria as per SI no.6 of the tender document and other documents wherever insisted in the Tender.
- h) The Bidder should have the financial, technical and manufacturing capability necessary to perform the contract.
- i) The documentary evidence of the Bidder's qualifications shall be established to the satisfaction of TANCEM.

8.3 Signing of Bids:

- a) The bids shall be typed or written in indelible ink and shall be signed by the Bidder or a person or persons duly authorised to bind the Bidder to the Contract. **Bidders are requested to sign each and every page of the tender document including Annexure(s) attached thereto.**
- b) Any alterations, erasures shall be treated valid only if they are authenticated by full signature by the person or persons authorised to sign the bid. Tender documents should be free from over writing.

8.4 Details to be furnished in the Envelope-B Price Bid:

- a) Prices must be quoted only in the price bid Form (Please see the "**PART-B-PRICE BID**"). The Price should also include Charges for Transport, Insurance and other applicable taxes.

8.5 Mode of Submission:

- a) Both the Envelopes viz. **Envelope-A** and **Envelope-B** must be put in a single cover sealed and must be superscribed "**Tender for the Supply of Hi-Chrome Grinding Media**". It shall be addressed to The Manager (Materials), Tamil Nadu cements corporation Ltd., 735 Anna Salai, Chennai-2.
- b) The Tender must be dropped in the Tender box kept at Tamil Nadu cements corporation Ltd., 735 Anna Salai, Chennai-2, on or before the due date/time.
- c) Alternatively, the Tenders must reach TANCEM on or before the due date and time by registered post/courier. TANCEM will not be liable or responsible for Postal/Courier delay, if any.
- d) The Tenders received after Due Date and Time or Unsealed or Incomplete shape or Tenders submitted by Facsimiles (FAX) or by Electronic mail will be summarily rejected.
- b) A Bid once submitted shall not be permitted to be altered or amended.

8.6 FORCE MAJEURE CONDITIONS:

If at times during the continuance of the Agreement/Contract, it becomes impossible by reason of war or war-like operations, epidemical sickness, pestilence, earthquake, fire, storm or floods, the supplier shall during the continuance of such contingencies not be bound to execute the contract as per the agreement/contract. The work shall be resumed immediately after the contingency/cies has / have ceased or otherwise determined and the Successful Bidder's obligations shall continue to be in force for correspondingly extended period after the resumption of execution. The Successful Bidder shall however inform the Corporation by registered post about such Act duly certified by the Local Chamber of Commerce at the beginning and end of the above causes of delay within 10 (ten) days of occurrence and cessation of such Force Majeure conditions.

In the event of delay lasting over one month, if arising out of cause of Force Majeure, the Corporation reserves the right to cancel the contract without any compensation. Only events of Force Majeure which affects the order progressing at the time of its occurrence shall be taken into cognizance. The Corporation shall not be liable to pay extra costs due to delayed supplies made under Force Majeure.

8.7 Service of Notice:

Any notice hereunder may be served on the Successful Bidder by Registered Post at his last known address. Proof of issue of any such notice should be conclusive of the Successful Bidder having been duly informed.

9) OPENING OF TENDERS:

9.1 Tender opening:

- a) Tenders will be opened at the prescribed date and time in the presence of Bidders or their representatives who choose to be present. The representatives of Bidders must bring the authorisation letter from the bidding companies for attending the Tender opening. Not more than two representatives for each Bidder would be allowed to take part during the bid opening process.
- b) Envelope-A containing Technical Bid would be opened first. Eligibility Criteria such as payment of EMD and compliance with pre-qualification conditions will be checked. The supporting documents would be cross checked wherever required.

- c) Only the Technical Bid will be opened on the due date.
- d) The date, time and venue of opening the Price Bid will be intimated separately.
- c) Tenders non compliant with any of the tender terms will not be considered for the next stage i.e. for opening of the Price Bid.

9.2 Period of Validity of Bids:

- a) Bids shall remain valid for a period of 180 days after the last date for bid submission mentioned in the Tender. If the bid validity is shorter than 180 days, the bid will be rejected as non-responsive.
- b) In exceptional circumstances, the Purchaser may solicit the Bidder's consent for an extension of the period of validity. The request and the responses thereto shall be made in writing. If EMD is provided in the form of B.G., it shall also be suitably extended.

10 TENDER BID EVALUATION CRITERIA:

The evaluation of Tenders will be done by TANCEM as detailed below:

10.1 Technical Bid Evaluatiuon:

Bidders will be eligible for further processing only if they fulfill the following criteria:

- a) Submission of EMD
- b) Compliance with the eligibility Criteria indicated in SI No 6 and submission of necessary proof.

The Tenders, which do not conform to the Tender conditions or Tenders from Companies without adequate capabilities for supply shall be rejected. The Eligible Bidders alone will be considered for further evaluation.

10.2 PRICE BID EVALUATION:

Opening of Envelope-B Price Bid:

Bidders who are qualified in Technical Bid (Envelope-A) only will be called for Price Bid opening. The technically qualified Bidders alone will be informed of the date and time of opening of the Price Bid and their Price Bids alone will be opened on the due date and time in the presence of the Bidders or their authorised representatives who choose to be present. The decision of TANCEM will be final in this regard.

Determination of the Lowest Evaluated Rate:

The price bid evaluation shall include central excise duty and sales tax as a part of a price along with the quoted price/ value as detailed below (as per Tamil Nadu Transparency in Tender Act)

- a) In evaluation of the value of all the items which are subjected to excise duty if any the value shall be determined inclusive of such excise duty.
- a) In respect of sales tax, Where all the Bidders are from within the State of Tamil Nadu or where all the Bidders are from outside the State of Tamil Nadu, Tamil Nadu Value Added Tax will be included for the evaluation purpose.
- d) Where the Bidders are from the State of Tamil Nadu as well as from outside the State of Tamil Nadu, the Tamil Nadu Value Added Tax shall be excluded, but Central Sales tax (CST) shall be included for evaluation of the price.
- e) Lowest Bidder will be arrived for the total value. Freight, Insurance and packing charges if any, will be added in determining the total value.
- d) The price will be adjusted and the L1 rate will be arrived at as illustrated below:

11) NEGOTIATION:

TANCEM reserves the right to negotiate with the lowest evaluated rate for further reduction of rate, strictly according to the Tamil Nadu Transparency in Tender Rules 2000.

12) SPECIAL TERMS:

The Bidder supplying the materials must assure same performance results or better results as compared to the technical specification.

13) ACCEPTANCE OF TENDER:

- a) The final acceptance of the Tender is entirely vested with TANCEM, which reserves the right to accept or reject any or all of the Tenders in full or in part.
- b) After acceptance of the Tender by TANCEM, the Bidder shall have no right to withdraw his Tender or claim higher rate. The Tender accepting authority may also reject all the Tenders for reasons such as changes in the scope of procurement,

lack of anticipated financial resources, court orders, accidents or calamities and other unforeseen circumstances.

- c) After acceptance of the Tender, TANCEM would issue Letter of Acceptance (LOA) only to the Successful Bidder(s).
- d) **The delivery period accepted will be counted from the date of issue of the "Purchase Order".**

14) PAYMENT OF SECURITY DEPOSIT:

- a) The Successful Bidders will be required to remit the Security Deposit equivalent to 5% (five percent) of the contract **on the acceptance of order**. Since the EMD amount will be adjusted towards the Security Deposit to be paid, the Successful Bidder shall remit the balance Security Deposit amount due. The SD should be paid by way of Demand Draft payable in **favour of Tamil Nadu Cements Corporation Limited payable at Chennai** or in the form of unconditional irrevocable **Bank Guarantee**, which is valid for 30 months from the date of acceptance of order.
- b) In case, the Successful Bidder pays the Security Deposit by way of Demand Draft, the Security Deposit will be released to the successful Bidder only after 6 months from the date of supply of last consignment and supply of entire quantity ordered for.

15 PURCHASE ORDER:

15.1 PURCHASE ORDER:

- a) **Purchase Order** for the Supply of Hi Chrome Grinding Media Balls will be issued to the successful Bidder by TANCEM, CO for Ariyalur cement works after issue of LOA.
- b) The entire supply should be completed as per the time schedule mentioned in the Purchase Order or as given by the unit concerned.

15.2 RATES & STATIONARY LEVIES:

Rate quoted by the tenderer should be firm during the contract period under normal condition. Any change in statutory levies like ED & Tax will be on buyer's account. However If the tenderer claims any revision of price in respect of Chromium and Heavy melting scrap , the price variation clause will be applicable as per clause 20 of the tender condition.

16) BILLING:

The Successful Bidder shall raise the invoice for the supplies to the respective consignees (Alangulam /Ariyalur works).

17) ACTIVITIES DURING SUPPLY & DELIVERY:

17.1 Pre-despatch inspection of Materials:

a) The Supply items shall be inspected/witnessed the test, at the manufacturers works by TANCEM officials. For the purpose, the supplier shall inform TANCEM CORPORATE OFFICE / RESPECTIVE WORKS 21 days in advance of the readiness of the Grinding Media ordered for inspection / witnessing and shall provide adequate facilities for the same. However this inspection shall in no way absolve the supplier of his overall responsibility of workmanship, quality and performance guarantee offered by the supplier. All dispatch documents shall accompany test certificate if any, issued by the Quality Assurance Authority of the Supplier.

b) The Physical and chemical composition of the materials on receipt of the Factory / site will be strictly inspected as per IS 6079/80 in the Regional testing Laboratories, Government of Tamilnadu. The payment will be made only after satisfactory testing report obtained by the Inspection Agency. The supplier shall have to replace the materials, if any, found defective at site on free of cost basis.

17.2 PACKING:

All the supply materials shall be adequately packed to protect from all damages, rust, etc. during transit and all packing and forwarding charges are to be borne by the supplier.

18) PERFORMANCE GUARANTY:

- a) The tenderer should guarantee the performance of the supplied material for a period of 4 months from the date of charging in the respective mills /compartments or 6 months from the date of receipt of material.
- b) However the maximun permissible breakage of 3% will not be covered in the performance guarantee.

19) PAYMENT TERMS:

- a) 90% Payment shall be made on acceptance of the materials and document at site within 15 days and balance 10% will be made within 30 days after acceptance of the materials.
- b) In case of failure to meet the quality standards prescribed in IS 6079/1980, the entire consignment will be rejected and the supplier shall have to replace the rejected quantity.
- c) No advance payment will be made or no letter of credit will be opened at any time.

20) PRICE VARIATION CLAUSE:

The Price variation clause will be applied for any charge / revision in the price of H.M.S pertaining to the supplied quantity during the contract period and it will be calculated as below.

$$P_1 = P + [S_1 - S] * 0.8 + (F_1 - F) * 0.21]$$

- P = The landed cost PMT of material as per work order.
- P₁ = The landed cost of material PMT of a consignment on application of Price Variation Clause.
- S = The price of Heavy Melting Scrap PMT as published in Mineral and Metals Review (Weekly) in the month preceding last date for Tender submission.
- S₁ = The price of Heavy Melting Scrap PMT as published in Mineral and Metals Review (Weekly) in the month preceding date of dispatch.
- F = The Price of Ferro Chrome PMT as published in Mineral and Metals Review (Weekly) in the month preceding last date for Tender submission.
- F₁ = The Price of Ferro Chrome PMT as published in Mineral and Metals Review (Weekly) in the month preceding date of dispatch.

21) PENALTY CLAUSE:

- a) **Forfeiture of EMD/SD:** If the Successful Bidder fails to act according to the Tender conditions or withdraws the offer after their Tender has been accepted, their EMD/SD will be forfeited by TANCEM.
- b) If the accepted Bidder fails to remit the SD within the above said period, then the EMD remitted by him will be forfeited to TANCEM and their Tender will be held void. TANCEM will have the right to divert the order to other Bidders.
- c) Penalty for Late delivery:
L.D. at 0.5% on the total value of the defaulted quantity will be levied for every week's delay subject to a maximum of 5% of the value of the defaulted quantity. TANCEM would have a right to cancel the Order partially or in full and place order with another Bidder if the supply is delayed beyond 30 days after the delivery date. The additional cost would be recovered from the Bidder who failed to complete the supply in time. This would be without prejudice to the levy of LD Charges.
- d) Violation of Terms & Conditions:
For any other violations in the terms and conditions, besides blacklisting the Bidders, recovery of cost plus 100% penalty and forfeiture of Security Deposit may be imposed.

22) RELEASE OF EMD:

The EMD amount paid by the Successful Bidder will be adjusted towards part of Security Deposit payable by him. The EMD amount of the unsuccessful Bidder will be refunded after finalisation and issue of firm Purchase Order to the Successful Bidder.

23) RELEASE OF SD:

The Security Deposit will be refunded to the Successful Bidder only after 6 months from the date of supply of last consignment and completion of supply of entire quantity ordered for.

24. ANNEXURE-I

PROFILE OF THE BIDDING ORGANISATION

The Bidder shall furnish the following details without fail:

- 1) Name of the Organisation
- 2) Nature of the Organisation: PSU/Public Ltd/Private Ltd
- 3) Year of Incorporation (enclose copy of Certificate of incorporation)
- 4) Address of the Registered Office with phone, fax & email address.
- 5) Audited annual reports for the last two years (enclose copy of the same along with Technical Bid).
- 6) Sales Tax registration number such as TIN number and CST number and enclose a copy of PAN attested by the Company secretary or Managing Director or auditor.
- 7) Manufacturing / machineries of the bidder, pamphlets/leaflets or CD confirming the same.

Note: The Bidder must enclose documentary proof for the above details without fail.

25. ANNEXURE -II

FORMAT FOR AUTHORISATION LETTER

To

The Manager (Materials),
Tamil Nadu Cements Corporation Limited,
735, Anna Salai,
Chennai - 600 002.

We hereby authorise
to submit a Bid on our behalf and subsequently negotiate with the Buyer against Tender Ref.: TANCEM/MM/63/Hi-Chrome Grinding Media/ARYR/2010 dt. 27-08-2010. We understand that this Authorisation letter is only for the purpose of enabling the authorized person to sign the Tender Document for submission and subsequently negotiate with the Buyer on behalf of the Company / Manufacturer and that TANCEM will enter into a contract only with the Manufacturer.

(Signature for and on behalf of the Company)

Signature of the Authorised person:

Attestation

(Signature for and on behalf of the Company)

Place:

Date :

Note:-

Competent Authority of the Manufacturer should issue letter of Authorisation.

ANNEXURE – III
26) TECHNICAL SPECIFICATION
MATERIAL IS 6079/1980 (Hi-Chrome Steel quality)

Sno	Description	TANCEM REQUIREMENT	TENDERER'S OFFER
1)	Chromium content	a) Not less than 16% for sizes 90 mm dia to 60 mm dia. b) Not less than 11% for sizes 50 mm dia and below.	
2)	Carbon content	a) 2.1% to 3.2% for sizes 90mm dia to 60mm dia. b) 2.5% to 3.5% for sizes 50 mm dia & below	
3)	Hardness	a) 59 RC to 63 RC for sizes 90 mm dia to 60 mm dia (630 BHN to 690 BHN) b) 63 RC to 68 RC for sizes 50 mm dia to 17 mm dia (735 BHN to 775 BHN)	
4)	Retained Austenite	a) Retained Austenite upto 5% for sizes 90 mm dia to 60 mm dia b) Retained Austenite upto 12% for sizes 50 mm dia to 17 mm dia (The supplier should have the measurement facility to calculate percentage (%) Retained Austenite)	
5)	Tolerance	As per IS 6079/80	

DETAILS OF TREATMENT

Sno	Description	TANCEM REQUIREMENT	TENDERER'S OFFER
1)	Type of Quenching	: Oil / Air	
2)	Heat Treatment	: Special	
3)	Primary Carbide	: Should be totally eliminated	
4)	% of secondary carbides	: 20% to 40%	
5)	% of retained austenite	: Around 3% to withstand high impact load.	
6)	Breakage condition	a) 3% Breakage Normal b) 3% to 5% breakage proportionate free replacement c) More than 5% entire lot has to be replaced free of charge	
7)	Sulphur and Phosphorus	: Should be less than 0.05%	
8)	Sample testing	: Ultrasonic testing to be done on balls	

27- ANNEXURE - IV

CERTIFICATE

Certified that that offer is in total conformity with tender terms and specification without any deviation, whatsoever.

Signature of the Tenderer :

Full Name :

Designation :

Seal of the Company :

TANCEM

28)PART-B (PRICE BID)**ANNEXURE - V****SUPPLY OF HI-CHROME GRINDING MEDIA FOR ARIYALUR CEMENT WORKS****MATERIAL IS-6079/1980 (Hi-Chrome Steel quality)**

S. N.	Description	Qty (MT)	Basic Price Per MT	E.D @ % Per MT	Cess @ % Per MT	TN VAT/ C.S.T @ % Per MT	Insurance Charges in Per MT	Freight Charges per MT	F.O.R Landed Price per MT
			Rs. P	Rs. P	Rs. P	Rs. P	Rs. P	Rs. P	Rs. P
1.	80 mm Ø Balls	30.000							
2.	70 mm Ø Balls	30.000							
3.	60 mm Ø Balls	30.000							
4.	50 mm Ø Balls	30.000							
5.	40 mm Ø Balls	25.000							
	TOTAL	145.000							
Total landed cost in words.....									