

TAMIL NADU MINERALS LIMITED,

**No.31, KAMARAJAR SALAI,
CHEPAUK, CHENNAI – 600 005
PHONE : 28410382 / 28511972
FAX No.91 - 44 - 2858 7721 / 2858 5986 / 28524960**

**Web: www.taminggranites.com
E. Mail: tamin@taminggranites.com**

(Re. No.103/IU1/2018 dated:15.03.2018)

**PURCHASE OF CONSUMABLES FOR TAMIN GRAPHITE BENEFICIATION
PLANT, SIVAGANGAI**

(FOR THE FINANCIAL YEAR 2018-2019)

COST OF TENDER FORM Rs. 1,000/- (+) Rs.100/- extra through post

LAST DATE FOR ISSUE OF TENDER DOCUMENT

BY POST : 23.04.2018 upto 3.00 P.M.

IN PERSON : 26.04. 2018 Up to 5.00 P.M.

**LAST DATE FOR RECEIPT } : 27.04. 2018 AT 2.00 P.M
OF TENDER }**

**DATE AND TIME OF OPENING } Cover – I : 27.04.2018 at 3.00 P.M
OF TENDER } Cover – II : will be intimated later**

TAMIL NADU MINERALS LIMITED,

No. 31, KAMARAJAR SALAI, CHEPAUK, CHENNAI – 600 005

PHONE: 2841 0382 / 2851 1972

FAX No. 91 - 44 – 2858 7721 / 2858 5986 / 2852 4960

(Rc.No.103/IU1/2018 dated:15.03.2018)

**PURCHASE OF CONSUMABLES FOR
TAMIN GRAPHITE BENEFICIATION PLANT, SIVAGANGAI**

(COST OF TENDER FORM Rs. 1,000/- (+) Rs.100/- extra through post)

E. M. D. PARTICULARS

Sl.No	DESCRIPTION	QUANTITY IN MT / Nos.	E.M.D. AMOU NT (Rs)
1.	Sodium Silicate	60 MT	7,800
2.	Sodium Carbonate	40 MT	10,400
3.	MIBC Oil	2.850	5,900
4.	Grinding Media – Rods (63-65mm dia meter (X) 2200mm Length Rods & 50-55mm dia meter (X) 2200mm Length Rods.)	66.381	54,000
5.	Grinding Media Spherical Balls And Cylindrical Cylpes	50 MT	31,000
6.	Blow Bars	120 Nos.	6,000
7.	HDPE Bags (22"x29")	2,55,000 Nos.	28,800
8.	HDPE Bags (26"x32")	13,000 Nos.	1,900

TAMIL NADU MINERALS LIMITED,
No.31, Kamarajar Salai, Chepauk, Chennai-5

Tender No.103/ IU1/2018

Dated:15.03.2018

INSTRUCTIONS TO TENDERERS

SEALED TENDERS IN TWO COVERS SYSTEM FOR THE SUPPLY OF CONSUMABLES FOR TAMIL NADU GRAPHITE BENEFICIATION PLANT, SIVAGANGAI WILL BE RECEIVED BY THE GENERAL MANAGER (FINANCE) OR AN AUTHORISED OFFICER AT THE REGISTERED OFFICE OF THE COMPANY AT 2.00 P.M. ON 27.04.2018 AS PER THE FOLLOWING TERMS AND CONDITIONS:-

TENDER ADDRESS:

The tender should be addressed to :-

The GENERAL MANAGER (FINANCE),
(only by designation and not by name)
Tamil Nadu Minerals Limited,
No.31, Kamarajar Salai, Chepauk,
CHENNAI - 600 005.

2. ELIGIBILITY:

Manufacturers/producers or their authorized dealers / suppliers are qualified to participate in this tender. Any dealer or supplier other than those of a manufacturer or producer to supply goods should furnish along with tender, a letter in original from the manufacturer or producer agreeing to supply the required quantity of goods to such dealer or supplier firms.

3. QUOTATIONS:

3.1 Tenders should be submitted in "TWO COVER SYSTEM" viz. ENVELOPE-1 (Technical Bid) and ENVELOPE - 2 (Price Bid)

3.2 ENVELOPE - 1 (Technical Bid) :-

In the Envelope – 1, the following documents are to be enclosed :-

- (i) Demand Draft in favour of TAMIL NADU MINERALS LIMITED – payable at Chennai for Earnest Money Deposit as mentioned in Tender Notice (E.M.D.) and as per clause-5 of Tender Terms & Condition.
- (ii) If the Tender Document is downloaded from the website, Demand Draft for Rs.1,000/- (Rupees One thousand only) towards the cost of Tender Documents
- (iii) Annexure - I (Form for submitting Tender) duly filled in properly & exhaustively and signed by the Tenderer.
- (iv) Annexure - II (Status Report of the Tenderer) "Details of capability of the tenderer to undertake the tenders" duly filled in properly & exhaustively and signed by the Tenderer.
- (v) Valid Documents for Proof as a Manufacturer / Authorized Agent / Distributor.
- (vi) In case of SSI /NSI, Copy of SSI /NSI Certificate with current validity.

ENVELOPE - 2 (Price Bid) : -

3.3. In the Envelope - 2, the following documents are to be enclosed.

(i) Price bid (Quotation) in the Annexure – III duly filled in and signed with seal for each item separately

3.4. The Envelope - 1 and Envelope - 2 with the above described enclosures should be in separate covers, each should be superscribed with Tender Notice No., Name of this Tender & Due Date for opening of this Tender and separately sealed.

3.5. Then, the two covers (Envelopes 1 & 2) should be put into one common cover which also should be superscribed with Tender Notice No., Name of this Tender & Due Date for opening of this Tender and sealed and submitted.

3.6. The Price quotations (indicating clearly the duties, taxes, insurance and freight cost) shall be submitted in the form prescribed (Annexure – III) for the purpose or in true copies of the same but the original forms should be enclosed duly signed with seal.

3.7. Offers with vague terms and indefinite commitments such as Subject to availability of stock' or "Subject to prior sale", etc., will not be considered. The conditional offers will not be considered.

3.8. Offers from ready stock or for delivery within a very short period (or) as per the Tender Schedule will be preferred.

3.9 a. All the columns in the tender form shall be duly, properly and exhaustively filled in.

b. Rates shall be quoted in rupees and paise both in figures and in words.

c. Corrections if any, shall be attested.

3.10. The prices for the items tendered should be in rupees and paise and should specifically indicate all duties, taxes, insurance and transport cost for delivery to the address given below:-

The materials in Sl.No.1 to 8 shall be delivered to:

The Factory Manager
TAMIN Graphite Beneficiation Plant,
Senthi-Udayanathapuram,
Sekkanthi Post,
Sivagangai 623 560.
Phone No. 04575 – 237244

However, the rate of Duties, Taxes, etc., should be mentioned specifically. If any GST Tax declaration form is required, it should be specifically mentioned with the time limit for furnishing such declaration.

4. DUE DATE FOR RECEIPT OF TENDERS

4.1. Tenders shall be enclosed in a sealed envelope superscribed "Tender No.103/IU1/2018, Dated: .03.2018 due on .03.2018 for supply of "Consumables and HDPE Bags to TAMIN Graphite Beneficiation Plant, Sivagangai along with the name of the Tenderer and their full address.

4.2. The sealed cover should be enclosed in another cover noting therein the subject of the tender, tender reference number and due date of opening of the tender

4.3. As such the Tenders should be sent to the General Manager (Finance), Tamilnadu Minerals Ltd., Chennai – 5. (by designation and not by name).

4.4. Tenders should either be delivered in person at the Registered office of the TAMIL NADU MINERALS LIMITED, at No. 31, KAMARAJAR SALAI, CHEPAUK, CHENNAI-600 005 or sent by Registered Post / through Courier to the same address so as to reach well in advance of the closing date and time (i.e) 2.00 P.M on 27.04.2018.

4.5. The **Tender Cover – I (Technical Bid)** will be opened by the General Manager (Finance) or by an authorized committee on his behalf **at 3.00 P.M. on 27.04.2018** at the Registered Office of the Company, at Chennai-5 in the presence of such of those tenderers or their authorized representatives who may be present. It may be noted that tenders received after the due date and time either by hand or by post will not under any circumstances be accepted. The opening of Tender Cover – II (Price Bid) will be communicated to the tenderers participated, by post / fax / e.mail after having evaluated Envelope-I.

5. EARNEST MONEY DEPOSIT:

5.1. Tender should be accompanied by Demand Draft for the amount/s as specified in the Tender Notice drawn on any one of the Scheduled bank in favour of TAMIL NADU MINERALS LIMITED, payable at Chennai towards Earnest Money Deposit for the offering items as indicated below:

Sodium Silicate – Rs.7,800/- Sodium Carbonate – Rs.10,400/-, MIBC Oil – Rs.5,900/- Grinding Media Rods – Rs.54,000/- Grinding Media Spherical Balls and Cylindrical Cylpes – Rs.31,000/- Blow Bars – 6,000/- HDPE Bags(22"x29") – Rs.28,800/- and HDPE (26"x32") – Rs.1,900/-

5. 2. The Earnest Money Deposit of the unsuccessful tenderer will be refunded within a reasonable time, consistent with the rules and regulations of the Company and will bear no interest thereon till date of repayment.

5.3. Tenders without Earnest Money Deposit will be summarily rejected. If there is any exemption for payment for payment of EMD necessary copy of certificate issued by the competent authority and Government order thereof should be enclosed.

6. SECURITY DEPOSIT:

The successful tenderer will be required to deposit a Security equivalent to 5% of the value of the Tender accepted within fifteen days from the date of receipt of communication intimating the acceptance of the tender by means of D.D. drawn on any one of the Schedule Bank and payable in Chennai city in favour of Tamilnadu Minerals Limited, Chennai-600 005 or in the form of irrevocable Bank Guarantee valid for one year

7. FORFEITURE OF EMD:

7.1. If the accepted tenderer retracts / fails to remit the Security Deposit within the above said period after opening of the tender or fails to respond to call for negotiation of rates, terms and conditions, the Earnest Money Deposit already paid will be forfeited to the Tamil Nadu Minerals Limited and the tender will be held void.

7.2. If the tenderer fails to complete the order within the stipulated time, the EMD will be forfeited to TAMIN.

8. NO INTEREST ON E.M.D. & S.D.

No interest will be payable either on the Earnest Money Deposit mentioned in clause 5 above or on the Security Deposit mentioned in clause 6 above.

9. AGREEMENT:

Any offer of the total purchase value exceeds Rs. 10.00 lakhs which is accepted by Tamil Nadu Minerals Limited will constitute a contract between the parties, **the successful tenderer will be required to execute an agreement** in the prescribed form, embodying the terms and conditions for the execution of the tender within fifteen days from the date of receipt of intimation of acceptance of the tender. The agreement should be executed in the Non-judicial stamp paper valued not less than Rs. 50/- purchased within Tamilnadu state.

10. FORFEITURE OF S.D.

If the tenderer fails to act upon the tender or backs out after the tender is accepted, the Security Deposit mentioned in Clause 6 above will be forfeited by the Tamil Nadu Minerals Limited.

11. RIGHT OF ACCEPTANCE AND REJECTION OF TENDERS:

The Managing Director of the Company reserves the right of rejection of all or any of the tenders without assigning any reason whatsoever or to split up the tenders as deemed fit.

12. AWARD OF CONTRACT:

Award of contract will be made at sole and absolute discretion of the Tamil Nadu Minerals Limited which shall be final. No correspondence will be entertained with the unsuccessful tenderers.

13. GUARANTEE:

The Tenderers shall undertake to replace the supplied materials or any portion thereof which has been lost/damaged, while in transit due to faulty or improper packing or failure to obtain sufficient proof from the Railways/transport operators for having entrusted correct quantity ordered and dispatched by the tenderers which may ultimately result in non-delivery or short delivery and consequent non-recovery of shortage from the concerned transport operators. The Tenderers should also furnish a test certificate to the quality for each consignment and agree to replace the material which for any portion thereof may be found to be not useful for the purpose for which it was purchased, either due to defective manufacture or otherwise. Delivery of the full replacement of material should be effected free of cost at Company's unit in Sivagangai.

14. TEST CERTIFICATE:

The tenderers should furnish test certificate for the quality of the material in accordance with standards specified for the items of (1) Sodium Silicate, (2) Sodium Carbonate (3) MIBC Oil (4) Grinding Media Rods (5) Grinding Media Spherical Balls and Cylindrical Cylpes (6) Blow Bars (7) HDPE Bags(22"x29") and (8) HDPE (26"x32").

15. PRICE AND DELIVERY:

The price should be valid for a period of one year (i.e) for completion of the quantity ordered. No escalation of price will be allowed. The price shall also be kept valid for a period of six months beyond the above one year period. The consignment will be made as and when required by Factory Manager, Sivagangai which will be indicated in the Purchase Order.

16. PAYMENT:

100 % Payment will be made only on receipt of the material at site in good condition and as per the specification along with test certificate. The supply of claim bill should be sent directly to the Factory Manager, Sivagangai with the supply of material as per clause No.3.10.

17. ACCEPTANCE OF TENDER CONDITIONS:

The tenderer must state while sending the tender that he understands and accepts the above said conditions. Tenders without such acceptance will not be considered. The details for tenders should be written in ENGLISH only.

18. SPECIFICATION OF GOODS:

The specifications of the materials required are furnished in the Annexure-III.

19. CLEARANCE CERTIFICATE FOR GST:

Each tenderer shall enclose the copies of GST Registration Certificate obtained from the appropriate authorities in the form prescribed thereof.

20. VALIDITY OF OFFER:

The offer of the Tenderer/s should be valid for at least 90 days from the date of opening the Tender.

21. LIQUIDATED DAMAGES:

Liquidated Damages will be levied at the rate of 1% of the value for every one month delay beyond the delivery schedule period, subject to maximum of 6%

22. EVALUATION CRITERIA:

Tender will be evaluated based on the conformity to the technical specification and service backup of the tenderer in addition to the price.

23. ARBITRATION:

All disputes (or) differences and whatsoever arising between the parties to this document out of or relating to the construction, meaning and operation or effect of this contract or the breach thereby, shall be settled by arbitration in accordance with the Arbitration and Conciliation Act, 1996 and the award made in pursuance thereof shall be binding on the parties. The venue for holding the Arbitration is at Chennai only and the language in the Arbitration will be in English.

24. JURISDICTION:

The court situated within Chennai alone shall have jurisdiction to decide all disputes and claims that may arise between parties.

GENERAL MANAGER (FINANCE)

ANNEXURE-I
FORM FOR SUBMITTING TENDERS
(Tender Notice: 103/TU1/2018 Dated:15.03.2018)

**(THIS FORM SHOULD BE RETURNED DULY SIGNED ALONG WITH THE TENDER
EVEN IF QUOTATIONS ARE FURNISHED SEPARATELY FOR THE SAKE OF
CONVENIENCE)**

1. I/We hereby state that I/We have gone through the tender notice and all the instructions to the Tenderers which I/We fully understood and accordingly agree to abide by all the conditions and terms mentioned therein.
2. I/We hereby quote to supply the material _____ specified in the enclosed schedule in the manner in which and within the time specified as set-forth in the terms of agreement attached, at the rates given in the schedule. The quotations furnished in the schedule are subject to the conditions set-forth in the tender form received by me / us.
3. I/We hereby forward Rs.....(Rupees only) as Earnest Money Deposit and agree to have it forfeited to TAMIL NADU MINERALS LIMITED in case of my/our failure to undertake the contract for the items accepted by the GENERAL MANAGER (FINANCE), TAMIL NADU MINERALS LIMITED, 31, KAMARAJAR SALAI, CHEPAUK, CHENNAI-5.
4. I / We hereby certify that the price tendered by me/us, is to the best of my/our knowledge and belief, not more than the price which is permissible for me/us to charge on a private purchaser for the same items and descriptions of goods under the provisions of any law in force.
5. I/We hereby certify that our firm has not been banned by the Government on account of unfair business dealings with any Government Departments and Government undertaking.

SIGNATURE OF THE TENDERER :.....

Name of the signing person :

Status :

SEAL :

ANNEXURE – II**DETAILS OF CAPABILITY OF TENDERER TO UNDERTAKE THE TENDERS****(Tender Notice: 103/IU1/2018 Dated:15.03.2018)**

1	Name and full postal address of the tenderer with telephone nos. Fax Nos. e-mail nos. if any:	
2	Constitution of the company private limited Company/partnership / proprietorship concern:	
3	Are you manufacturer or authorized dealer/Supplier of dealer / Supplier, a letter from Original manufacturer has to be enclosed. Proof of document for manufacturer / dealer is to be enclosed:	
4	Your customers profile and annual capacity i.e. name of the major customer to whom you are supplying or supplied this material:	
5	Any literature / papers, which shall help us in assessing the credential of your company	
6	Financial status of company - Net worth: Audited accounts statements for 3 years.	
7	No. of years of experience in the manufacture and supply of above such items in India: (Proof of experience to be provided)	
8	Have you enclosed the copy of Sales Tax clearance, certificate the copy of GST Registration certificate / Factory license / certificate issued by Directorate of Industries:	
9	Any other relevant particulars:	

DECLARATION

I/We do hereby declare that the particulars furnished above are correct and I/We are ready to furnish any other details as may be required by Tamil Nadu Minerals Limited. I/We also declare that I/We will abide by the terms and conditions of the tender.

SIGNATURE WITH OFFICE SEAL

**Name and Designation of the]
authorized signatory]
Dated:**

ANNEXURE – III
(Not to be enclosed)

TAMILNADU MINERALS Ltd., GRAPHITE BENEFICIATION PLANT, SIVAGANGAI
REQUIREMENT OF CONSUMABLE CHEMICALS, & TOOLS
FOR THE YEAR 2018

(Tender Notice: 103/IU-1/2018 dated: .03.2018)

Sl. No.	Name of the Material	Quantity Required per Annum (in M. Tons)	Specification/s of the Required Materials
1	Sodium Silicate	60 M.T.	<p>Na₂O : 14 to 15 % SiO₂ : 28 to 30 % Ratio of Na₂O : SiO₂ = 1: 2 (+/- 0.1) (tolerance plus or minus 0.1) Total solids : 42 to 45 % Specific } Gravity } 50° Be Minimum</p> <p>Quality and Acceptance Clause:</p> <p>The sample will be drawn in each consignment by our lab personal in the presence of party's representative and the same will be tested in our laboratory for the above parameters. Based on the test results the material will be accepted or rejected. Our laboratory report is the final.</p> <p>Acceptance with Penalty Clause:</p> <p>The material should be in line with the above specifications for all elements. However, for reduction in percentage of Sodium and Silicate, the following penalty clause will be adopted.</p>

Acceptance with Penalty Clause for Sodium Silicate

Na ₂ O %	SiO ₂ %	Total Solids %	Specific Gravity	Penalty Acceptance
13.00 to 13.99	27.00 to 27.99	41 to 41.99	49 to 49.99	2 % Basic Price
12.00 to 12.99	26.00 to 26.99	40 to 40.99	48 to 48.99	3 % Basic Price
11.00 to 11.99	25.00 to 25.99	39 to 39.99	47 to 47.99	4 % Basic Price
10.00 to 10.99	24.00 to 24.99	38 to 38.99	46 to 46.99	5 % Basic Price

Below the above will be summarily rejected.

2.	Sodium Carbonate (Soda Ash - Light)	40 M.T	<p>SPECIFICATION – on DRY Basis</p> <p>a) Total Alkalinity as Na₂CO₃ Percent by Mass : 98.5 min.</p> <p>b) Matter insoluble in Water Percent by Mass : 0.15 max.</p> <p>c) Sulphates (as Na₂SO₄) Percent by Mass : 0.08 max.</p> <p>d) Chlorides (As NaCl) Percent by mass : 1.00 max.</p> <p>e) Iron (as Fe) Percent by mass : 0.007 max.</p> <p>f) Bulk Density : 500 to 750 g/l</p> <p>Quality and Acceptance Clause: Samples will be drawn in each consignment by our lab personal in the presence of party's representative and the same will be tested in our laboratory for the above parameters. Based on the test results the material will be accepted / rejected. Our laboratory report is the final.</p> <p>Acceptance with Penalty Clause: The material should be in line with the above specifications for all Elements. However, for reduction in percentage of total Alkalinity, the following penalty clause will be adopted.</p>	
			TOTAL ALKALINITY %	PENALTY ACCEPTANCE
3.	MIBC Oil	2.850 MT	<p>98.00 to 98.49 : 2 % Basic Price</p> <p>97.00 to 97.99 : 3 % Basic Price</p> <p>96.00 to 96.99 : 4 % Basic Price</p> <p>95.00 to 95.99 : 5 % Basic Price</p> <p>Below 95 % of Alkalinity will be summarily rejected</p> <p>Specifications: <u>Methyl Isobutyl Carbinol (MIBC)</u> (CH₃)₂CHCH₂CH(OH)CH₃ - 98% Relative Density - 0.806-0.809g / cm³ Boiling Degree - 128 – 133.. Molecular weight - 102 Appearance - Clear Liquid</p>	

Sl. No.	Name of the Material	Quantity Required per Annum (in M. Tons)	Specification/s of the Required Materials
4	Grinding Media Rods	66.381 M.Ts.	<p><u>In all consignments the supply should be:</u></p> <p>a) 25.426 MT quantity of 63 - 65mm dia meter (X) 2200mm Length Rods. and b) 40.955 MT quantity of 50 - 55mm dia meter (X) 2200mm Length Rods.</p> <p><u>SPECIFICATION:</u></p> <p>Rods should be in confirmation to En – 31, heat treated and straightened circular bars. Both ends should be machine cut to proper length of 2200mm. irrespective of diameter. The rods should match the following physical and chemical composition.</p> <p>A) Hardness of rods : 40 to 45 HRC. B) Straightness : 1/8" per ft. C) Tolerance in diameter : Plus or minus 0.5mm D) Tolerance in length : Plus or minus 10mm</p> <p><u>E) CHEMICAL COMPOSITION:</u></p> <p>i) Carbon (C) : 0.9 to 1.20 % ii) Manganese(Mn) : 0.30 to 0.75 % iii) Silicon (Si) : 0.10 to 0.35 % iv) Chromium (Cr) : 1.00 to 1.6 % v) Sulfur (S) : 0.05 % maximum vi) Phosphorus (P) : 0.05 % maximum</p> <p>F) The party should furnish the Test Certificate from any of the Government recognized laboratories for the supply of rods with respect to its chemical composition and hardness.</p> <p><u>G) Quality and Acceptance Clause:</u></p> <p>After the receipt of each consignment, the samples (one each size of Rod) will be drawn from the supplied lot and tested for hardness and chemical composition in any of the Government / Government recognized / reputed laboratories who have such testing facilities. Based on the test results the material will be accepted / rejected. The sample preparation and testing charges would be to the account of the supplier in case of variations/rejections.</p>

			<p>H) Acceptance with penalty Clause :</p> <p>1. Chemical Composition : Should be in line with the Chemical composition. However, the material will be acceptable with Chromium content upto 0.7% with penalty of 5% of basic price and less than 0.7% will be rejected.</p> <p>2. Hardness : The acceptable limit with penalty clause can be upto 35 HRC. For every reduction by ONE UNIT of HRC below 40, there would be reduction by 2.50% of basic value. The hardness below 35HRC would be rejected.</p>
5.	Grinding Media Spherical Balls and Cylindrical Cylpebs	50.000 M.T	<p>* 25.000 MTs - 25 mm dia hyper steel spherical balls and 25.000 MTs - 25 x 25 mm dia cylindrical (Cylpebs)</p> <ul style="list-style-type: none"> ❖ Hardness : 430 BHN ❖ CHEMICAL COMPOSITION ❖ Carbon (c) : 1.5 - 2.0 % ❖ Silicon (Si) : 1.0 % Maximum ❖ Manganese (Mn) : 0.90 - 1.60 % ❖ Chromium (Cr) : 1.00 - 2.00 % ❖ Sulphur (S) : 0.06% maximum ❖ Phosphorous (P) : 0.06% maximum ❖ Test certificate to be produced for each consignment supplied from any of the Government Recognized Laboratories with respect to chemical composition and hardness. ❖ Packing of spherical balls and cylpebs should be done in separate packings for easy demarcation / identification and for easy separation. Also supplied quantities of cylpebs and spherical balls should be indicated separately in the invoices. ❖ Quality and Acceptance Clause: After the receipt of each consignment, the samples (two cylpebs and two spherical balls) will be drawn from the supplied lot and tested for hardness (one cylpeb and one spherical ball) and chemical composition (turned out / drilled chips of one cylpeb and One spherical ball) from any one of the Government / Government recognized / reputed laboratories who have such testing facilities. Based on the test results the material would be accepted / rejected. The sample preparation And testing cost would be to the account of the supplier incase of variations / rejections.

			<p>❖ Acceptance with penalty Clause :</p> <p>1. Chemical composition : Should be in line with Chemical composition, However, the material will be acceptable with Chromium content upto 0.7% and below would be rejected. For every reduction of Chromium content by 0.7%, there would be a penalty of 3% of basic value.</p> <p>2) Hardness : The acceptable limit of hardness with penalty clause can be upto 370 BHN for every reduction by ONE UNIT of BHN below 400 BHN, there would be reduction by 0.40% of basic value. The hardness below 370 BHN would be rejected.</p>
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6.	Blow Bars	120 Nos.	<p>Specifications:</p> <p>a) Material : FEMO-I b) Hardness : 700 HV c) Weight : 35 Kgs (Tolerance: Plus or Minus 0.5 kg)</p> <p>Chemical Composition</p> <table border="1"> <tr> <td>a) Carbon (C)</td> <td>:</td> <td>3.60%</td> </tr> <tr> <td>b) Silicons (Si)</td> <td>:</td> <td>0.85%</td> </tr> <tr> <td>c) Manganese (Mn)</td> <td>:</td> <td>0.75%</td> </tr> <tr> <td>d) Sulphur (S)</td> <td>:</td> <td>0.017%</td> </tr> <tr> <td>e) Phosphorous (P)</td> <td>:</td> <td>0.29%</td> </tr> <tr> <td>f) Chromium (Cr)</td> <td>:</td> <td>15.45%</td> </tr> <tr> <td>g) Molybdenum (Mo)</td> <td>:</td> <td>3.11% (min)</td> </tr> </table> <p>Heat Treatment: Suitably heat treated to get the desired properties.</p> <p>The supplier should provide test certificate for each consignment from the Government/Government recognized for the supply of rods with respect to its chemical composition and hardness.</p> <p>Blow Bar should be manufactured as per drawings enclosed. Any deviation found while fitment will be rejected.</p>	a) Carbon (C)	:	3.60%	b) Silicons (Si)	:	0.85%	c) Manganese (Mn)	:	0.75%	d) Sulphur (S)	:	0.017%	e) Phosphorous (P)	:	0.29%	f) Chromium (Cr)	:	15.45%	g) Molybdenum (Mo)	:	3.11% (min)
a) Carbon (C)	:	3.60%																						
b) Silicons (Si)	:	0.85%																						
c) Manganese (Mn)	:	0.75%																						
d) Sulphur (S)	:	0.017%																						
e) Phosphorous (P)	:	0.29%																						
f) Chromium (Cr)	:	15.45%																						
g) Molybdenum (Mo)	:	3.11% (min)																						

ANNEXURE-IV
SCHEDULE FOR QUOTATION

(Tender Notice No.103/IU1/2018 Dated: .03.2018) For Sl.No.1 to 6 (*)

Sl. No.	Description of Material (Full Specification should be given)	Price (in figures & words) per M.T./ KG	Quantity to be supplied in M.T/ Kg
		Rs.	

(*) Separate annexure for each item to be enclosed

Packing & Forwarding charges :

Transport/Freight charges :

GST Taxes

Delivery price at Sivagangai :
(inclusive of GST, packing & forwarding, insurance & transport charges which are individually quoted above)

Minimum delivery period :

Validity of the offer :

(The offer should be valid for a minimum period of 90 days from the date of opening)

Station. . :

Date. . . :

Address.:

.

.

Telephone No. :

FAX No. :

E. Mail. :

SIGNATURE OF THE TENDERER :
NAME OF THE SIGNING PERSON :
STATUS :
SEAL :

ANNEXURE -V

SCHEDULE FOR QUOTATION

Re.No.103/IU1/2018

Dated: .03.2018

Sl No.	Name of the item	Size and specification	Tolerance	Qty. Required in Nos.	Rate
1.	HDPE BAGS	22" X 29" size HDPE bags with internal Lamination and TAMIN Logo in Green colour Print. Bag weight: 90Gram tolerance upto +5% Lining Thickness:0.04mm (Min) Thickness of bags:0.13mm (min)	The tolerance in measurement is outside Length +½" and out side Width +½".	2,55,000 Nos.	
2.	Total				
3.	Transport / Freight charges				
4.	Insurance charges				
5.	Other charges (Please specify) if any				
6.	GST Taxes				
7.	Total Price (F.O.R.TAMIN Sivagangai)				
8.	Grand Total				

SIGNATURE OF THE TENDERER

ANNEXURE -VI

PRICE BID-III

SCHEDULE FOR QUOTATION

Rc.No.103/IU1/2018

Dated: .03.2018

SI No.	Name of the item	Size and specification	Tolerance	Qty. Required in Nos.	Rate
1.	HDPE BAGS	26" x 32" size HDPE bags with internal Lamination and TAMIN Logo in Green colour print as per matter. Bag weight-110 Gram tolerance upto+5% Lining thickness.0.04mm (min) Thickness of bags:0.15mm (min)	The tolerance in measurement is outside Length +1/2"and out side Width +1/2"	13,000 Nos.	
2.	Total				
3.	Transport / Freight charges				
4.	Insurance charges				
5.	Other charges (Please specify) if any				
6.	GST Taxes				
7.	Total Price (F.O.R.TAMIN Sivagangai)				
8.	Grand Total				

SIGNATURE OF THE TENDERER

ANNEXURE - VIII

CHECK LIST

List of documents to be enclosed in cover-I

Sl. No.	Description	<i>Whether enclosed</i>
1.	EMD	Yes / No
2	Tender form fee / Cash receipt if downloaded	Yes / No
3	Annexure-I	Yes / No
4.	Annexure-II a) Copy of Manufacturer certificate b) Proof of documents for constitution of Company.	Yes / No Yes / No
5.	Annexure –IV alongwith specification of your material	Yes / No
6.	Sample bags each 2 Nos.	Yes / No

SIGNATURE OF THE TENDERER