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Steel Authority of India Limited, Rourkela Steel Plant, Rourkela, (A Govt. Of India Undertaking), Marketing Department

SYNOPSIS OF CATALOGUE

FANumber	MKTG/FA/IA/19-20 (39000129)	Reference
FA Date	24-02-2020	Auction website – www.metaljunction.com Please select Client “RSP” after Submitting your User ID
Auction Start Time	12.30 Hours	
Item Description	SCRAP/OLD/USED/OBS/SCRAP IDLE ASSET	Annexure-A
Quantity & No. of Lots	1 Lot (DISMANTLING AND DISPOSAL OF IDLE ASSETS AT JAGDISHPUR SAIL UNIT) on “As Is Where Is” and “No Complaints” Basis	Annexure-A
EMD Amount & Last date of Submission	Rs.50,00,000/- to be submitted for one time participation for all lots of this Forward Auction. Last Date for Submission of EMD Deposit Details by 5.00PM on Dt.10-02-2019 . EMD will be adjusted into Security Deposit in case of award of sale.	Annexure-E Clause- 4
Taxes and Duties	GST & Other taxes and duties as applicable on the date of dispatch shall be applicable.	Annexure-E Clause- 5
Bidding	Bid to be submitted for Full Lot EXCLUSIVE OF ALL TAXES AND DUTIES. Bid to remain valid for 180 working days from the next date of auction	Annexure-E Clause- 3
Security Deposit (SD)	5 % (FIVE PERCENT) of basic Sale Value to be deposited in 10 working days from the issue of Acceptance of Bid. FAILURE TO MAKE PAYMENT OF SECURITY DEPOSIT WITHIN THE SCHEDULED DATE TO RESULT IN FORFEITURE OF EMD AND CANCELLATION OF SALE.	Annexure-E Clause-6
Payment Date/Schedule	Full payment towards each installment will include Sale Value along with taxes and duties. Number of installments will be as applicable for Sale Value DELIVERY ORDER FOR DELIVERY WILL BE ISSUED AFTER RECEIPT OF FULL PAYMENT WITH TAXES & DUTIES.	Annexure-E Clause- 6,7,8 & 9
Validity & Delivery Time	As per Clause 10 of Annexure E	Annexure-E Clause-10
Penalty For Late Payment	Extension of maximum of 7 working days shall be considered with penalty @ 1% of balance payment provided written request is received within due date of payment. FAILURE TO MAKE PAYMENT EVEN WITHIN THE EXTENSION PERIOD TO RESULT IN FORFEITURE OF SECURITY DEPOSIT .	Annexure-E Clause-6.4
Ground Rent For Delay in Lifting	1% per week or part thereof.	Annexure-E Clause- 11.1 & 11.2
MODE OF AUCTION	ENGLISH AUCTION: (NO-TIE)	
Special Remarks	1. All customers kindly furnish their GST No. & PAN before making payment or lifting/dispatches Please go through all the Annexures. Customers may inspect the material offered for sale and satisfy themselves before participating in Auction. Sale is on As Is Where Is and No Complaint basis.	
Contact Persons(SAIL-RSP)	Mrs. Madhavi Kumar, GM(IC), Mktg. (0661-2447044) Mr. Asish Anand Singh, Sr. Manager (JSU), Ph-9792395017	
Contact Persons(MJ)	Mr. Suranjan Mallick (Mjunction, Kolkata) Ph-8336925957 Mr. Subrata Bhattacharyya (Mjunction, Kolkata) Ph-8584008277 Mr. Arijit Ghosh (Mjunction, Rourkela) Ph.-9875630811 Mr. Indranil Dutta (Mjunction, Rourkela) Ph.-8637286949	



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Documents & EMD Submission Date & Time:	<ol style="list-style-type: none">1. Last Date for Submission of EMD Deposit Details by 17:00 HRS on Dt.10-02-20192. PLEASE SUBMIT NOTARISED DOCUMENTS AS PER ELIGIBILITY CRITERIA IN ANNEXRE G BY 11-02-2020, 17:00 HRS TO MJUNCTION ROURKELA BRANCH IN SEALED ENVELOPE FOR CONSIDERATION.3. Submission of Dismantling cost in sealed cover by techno-commercial eligible bidders in 22-02-2020, at 17:00 Hours.4. EMD will be opened first and if the same is found to be in order the other documents related to eligibility criteria will be considered only the parties fulfilling the eligibility criteria will be qualified to participate in OLFA in 24-02-2020
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Steel Authority of India Limited, Rourkela Steel Plant, Rourkela, (A Govt. Of India Undertaking), Marketing Department

On Behalf of
STEEL AUTHORITY OF INDIA LIMITED, ROURKELA STEEL PLANT, ROURKELA
(A GOVT. OF INDIA UNDERTAKING), MARKETING DEPARTMENT

Mjunction Services Ltd is conducting the sale of the following items through Internet –
www.metaljunction.com

Subject:

Forward Auction of SCRAP/OLD/USED/OBS/SCRAP IDLE ASSET on **Dt. 24-02-2020 at 12.30 Hours**
Vide, Forward Auction No. MKTG/FA/IA/19-20 (39000129), Lot No : 24000049,
Material Code (SAP) : 11672 0000 0000 0000 0 (SCRAP/OLD/USED/OBS/SCRAP IDLE ASSET) Qty
: 1 (ONE) LOT

Bids are invited by the General Manager (Marketing), Steel Authority of India Limited, Rourkela Steel Plant, Rourkela for sale of the following items on "As is where is" and "No complaints" basis from prospective bidders for sale of Idle Assets of RSP. The details of the items available are given in Annexure – A.

Contents

1. Notice for Forward Auction of DISMANTLING AND DISPOSAL OF IDLE ASSETS AT JAGDISHPUR SAIL UNIT
2. Annexure B, Letter of Interest
3. Annexure C, General Rules And Regulation Governing Conduct Of Online Auctions On The "Service Provider" Platform
4. Annexure D, Definition of Key Terms of FA.
5. Annexure E, Special Commercial Terms & Conditions for Sale of materials (**JAGDISHPUR SAIL UNIT**).
6. Annexure F, General Terms and Conditions for sale of Idle Assets (**JAGDISHPUR SAIL UNIT**) through FA.
7. Annexure G, **Eligibility Criteria and Special Technical Terms & Conditions And Drawings of JAGDISHPUR SAIL UNIT**



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Steel Authority of India Limited, Rourkela Steel Plant, Rourkela, (A Govt. Of India Undertaking), Marketing Department

NOTICE FOR FORWARD AUCTION OF DISMANTLING AND DISPOSAL OF IDLE ASSETS AT JAGDISHPUR SAIL UNIT

Ref.No. MKTG/FA/IA/19-20 (39000129) LotNo: 24000049

Dt.20-01-2020

- 1) Items as per details given in Auction Schedule (**Annexure-A**) are available for sale on “as is where is” & “No Complaints” basis through Online Forward Auction process to be held on **Dt.24-02-2020 @ 12.30 Hours**

The salient terms & conditions are as follows:

- ✓ **Earnest Money Deposit: (EMD):Rs.50,00,000/-**. However, PSUs / Government undertakings shall be exempted from submission of EMD.
- ✓ Rate of Taxes Duties to be applicable over and above Bid value: GST (SGST, CGST OR IGST @ 18%) TCS: @ 1%. Rates of taxes and Excise duties as applicable on the date of dispatch shall be applicable.
- ✓ **Payment Terms:** The Buyer will be required to deposit the Security Deposit upon issue of Acceptance of Bid by SAIL, RSP within the schedule. After issue of Sale Order, total Payment towards sale value plus taxes and duties is to be made as per schedule mentioned in Clause-7 of Annexure-E. Delivery order for delivery will be issued after receipt of full payment with taxes & duties as per schedule mentioned in Clause-7 of Annexure-E Payment for each installment shall include applicable taxes & duties.
- ✓ **Dismantling and Delivery / Lifting of material:** To be arranged by Buyer at their cost. Delivery will be allowed after issue of Delivery Order.
- ✓ **Delivery Period:** As per clause 9 of Annexure E. Delivery Order to be issued after receipt of all installments / full sale value plus taxes and duties.
- ✓ **Validity of Bid:** 180 working days from the next date following the date of closure of Forward Auction.
- ✓ **Scope of Work:** Any item not appearing in the Annexure-A is excluded from scope of sale. Detailed scope as per **Annexure -G**
- ✓ **Sale is on "As is Where is" and "No complaint" Basis.** Bidders in their own interest are advised to inspect the materials and satisfy themselves prior to participating in the Forward Auction. Dimensions wherever given are only indicative in nature.

Customers intending to participate in the auction shall have to submit the following latest by 5.00 PM on or before Dt.10-02-2019

- Earnest Money Deposit (EMD)
 - Notice for Forward Auction of DISMANTLING AND DISPOSAL OF IDLE ASSETS AT JAGDISHPUR SAIL UNIT) signed & stamped by them
 - A letter of interest in the format given at “**Annexure – B**”, mentioning the UTR No or Instrument No as per the mode of payment signed & stamped by them,
 - “General Rules & Regulations governing conduct of Online Auction on the Service Provider Platform” (**Annexure-C**) signed & stamped by them,
 - “Definition of Key Terms”, (**Annexure-D**) and “Special Terms & Conditions for Sale of Materials” (**Annexure-E**) duly signed on each page signed & stamped by them,
 - General terms & conditions of Sale of materials by FA from Marketing Department (**Annexure F**) signed & stamped by them and
 - Eligibility Criteria and Special Technical Terms & Conditions And Drawings (**Annexure-G**), and
 - Notarised copy of all the documents pertaining to eligibility criteria needs to be submitted by **5:00 PM on 11-02-2020**
- 3) Earnest Money Deposit (EMD) shall be deposited in favour of **SAIL_RSP**, through any of the modes as mentioned in **Annexure-E (Clause-4)**. However, **PSUs / Govt. undertakings shall be exempted from submission of EMD.**
- 4) Payment of EMD by Cash, Cheque, CDR or any other form is not acceptable. It is not possible to adjust EMD from any other sum of money due from the Rourkela Steel plant; on account of pending bills, security deposit or EMD paid towards another Auction
- 5) Earnest Money Deposit (EMD) or Security Deposit amount deposited shall not accrue any interest.



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- 6) The Service provider M/s mjunction services will provide a "user ID" and a "Password" to each individual customer, who submit required EMD and the documents stated above, to enable them to participate in the dynamic auctioning process of the lots, to be conducted in the Website [www.metaljunction.com]. Before actual participation, the customers may obtain necessary help from the Service provider so as to enable themselves to participate in the Online Auction process without any difficulty.
- 7) **Final Bidding shall be on LOT basis, i.e., (Rs per LOT exclusive of all taxes and Duties).** The purchaser shall pay all Duties, Taxes and Levies as applicable at the time delivery as extra.
- 8) Final Bids given by the successful bidders in the Online Auction process shall be kept valid for **180** working days from the next date following the date of closure of Forward Auction for the acceptance by the Management.
- 9) SAIL, RSP reserves the right to accept or reject any or all the bids or to apportion the materials in any manner deemed fit and this decision shall be final.
- 10) In case the bids given by the customers in on-line auction process are not acceptable, the EMD shall be refunded.
- 11) **Acceptance of Bid** shall be issued to the successful bidder / purchaser whose bids are acceptable to RSP.
- 12) Payment Terms will be inter alia, as per Clause 6,7,8 & 9 of Annexure E & Clause 12-15 of Annexure-F.
- 13) **Delivery Order will be issued on receipt of Full Payment including duties, taxes & levies as applicable.**
- 14) In the event of failure on part of the Purchaser to furnish the Security Deposit within the time mentioned in the Acceptance of Bid, SAIL, RSP may at its discretion, cancel the sale without issuing any prior notice to the Purchaser and the Earnest Money Deposit shall stand forfeited. In the event of such default, the bidder will be **debarred** from participation in future auctions/forward auctions/tenders for a period of **three months**.
- 15) **Payment terms, Penalty** for delayed payment, Issue of **dispatch advice**, **Lifting** of materials from the yard, **Ground Rent, Forfeiture of EMD/SD** etc. shall be governed by the **"Special Terms & Conditions for Sale of Materials"**. (Annexure-E & F).
- 16) **Payment of Security Deposit and the Sale Value shall be only in the form of RTGS/NEFT in the designated account of SAIL-RSP, details clause 6.2 of Annexure E.**
- 17) Purchaser will have to lift the entire materials from the lot site on "As is where is" and "No complaint" basis as per **clause 7-9 of the Special Terms & Conditions for Sale of Materials (Annexure-E)** which may be referred & **clause 20.0 of General terms & Conditions for sale of Idle Assets through Forward Auction by Marketing Department of SAIL/RSP (Annexure F)**. Purchasers will have to make their **own arrangement** for dismantling /collection / removal and transportation of the materials purchased by them from the site / Stores.
- 18) If for any reasons beyond the control of SAIL, RSP, all the materials offered through the online Auction process or part thereof **cannot be delivered**, the liability of RSP will be limited only to the extent of **refund of the proportionate amount** paid by the purchaser as applicable for the quantity not delivered. The decision of SAIL, RSP will be final in this regard. **[Clauses 17.0 & 18.0 of Annexure F may kindly be referred to.]**
- 19) **Inspection of Plants / Equipment / Stores**
Prospective Bidders shall be allowed to inspect the materials / lots at site / stores / yard, the indicative locations of which are given in Annexure A during working hours from **9.00AM to 5.00 PM** excluding the Holidays, with prior appointment. Necessary entry passes may be obtained from CISF against application made through DGM/IC (Marketing), Auction & Disposal.



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Customers may please contact at the following no. for any assistance on inspection, gate pass issue- Ms. Madhavi Kumar, DGM, Mktg. (0661-2447044), Ph: 0661-2446030

- 20) For sale through On-line auction process, actual users or traders would have to submit the appropriate Sales Tax Declaration Forms. Applicability of Sales Tax and the concessions to the actual users or traders would be as per prevalent rule. Tax at full rate will be charged if appropriate form is not submitted. The present rate of taxes is as follows:

TAXES & DUTIES

GST (SGST, CGST OR IGST @ 18%) ; TCS 1.0%

20) AUCTION START TIME:12.30 Hours on 24-02-2020.



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EMD = Rs.50,00,000/-

NOTE:

1. **THE EQUIPMENT HAS BEEN DECLARED IDLE AFTER PROLONGED USE.**
2. Sale is on " As is where is " and "No complaint" basis and availability of all parts cannot be ensured by RSP. Bidders to inspect the equipments before bidding in Forward Auction.
3. Sale on single Lot Basis. Bidders to quote accordingly.
4. Dismantling to be arranged by bidder at their own cost for removal of materials.
5. **Taxes & Duties** : Mentioned against item, GST (SGST, CGST OR IGST @ 18%) and TCS @ 1% and ET: Mentioned against item shall be payable extra if applicable.
6. **a) Responsibility of Contractor / Purchaser :**
 - i) Materials for making scaffolding platforms/ ramps, if required.
 - ii) All consumables like Oxygen, industrial gas, welding electrodes, welding rods, filler rods etc.
 - iii) All necessary tools & tackles, cranes, hand winches, wire ropes, rope pulleys, other rigging items, welding machine, cables, gas cutting and welding set, paint.
 - iv) Safety appliances and clothing for their working personnel.
 - v) Transport for disposal of materials.
- b)** As per safety rules and regulations, all the tools & tackles, winches being used by the contractor, should be tested and certified by a competent authority.
- c)** The working area should be barricaded with tapes and the contractor shall arrange the same.
- d)** The removal of scraps/ debris shall be done on regular basis.
- e)** Working at the site shall be done from 6 AM to 6 PM only.

For details bidder may refer Annexure-G

**STEEL AUTHORITY OF INDIA LIMITED
ROURKELA STEEL PLANT
ROURKELA-769011
MARKETING DEPARTMENT**

Sub: Sale of Idle Asset through ONLINE FORWARD AUCTION

REF.No.: MKT/FA/IA/19-20 (39000129)

Date: 20.01.2020

The following materials are available for sale through Online Forward Auction to be conducted on 24.02.2020

SI No.	Product Code Lot Number	Product Description Additional Info	Qty/Unit	Location	No.of Instal ments
1	116720000000000000 24000049	SCRAP/OLD/USED/OBS/SCRAP IDLE ASSET	1.00 LOT	4320-V010 IA-V010-01	03

The rates of Taxes & Duties applicable on this lot are as follows. However the Taxes & Duties prevailing on the date of dispatch shall be applicable

GST: As applicable TCS :1 %

SI No	Equipment Details / Broad Specification	Qty	Unit	Remarks
1	DISMANTLING AND DISPOSAL OF IDLE ASSETS	1.000	LOT	
	AT JAGDISHPUR SAIL UNIT			
	APPROXIMATE WEIGHT- 23261 T			
	LOCATION: JAGDISHPUR, AMETHI DIST, UP			
	GST (SGST & CGST OR IGST) + TCS			
	AS APPLICABLE			
	FOR DETAILED SCOPE OF WORK, TECHNICAL & COMMERCIAL TERMS & CONDITIONS PLEASE REFER ANNEXURE E,F AND G			
	FOR DETAILED LIST OF ASSET PLEASE REFER ANNEXURE-I OF FA TERMS AND CONDITIONS.			
	BIDDERS TO SUBMIT DOCUMENTS PERTAINING TO ELLIGIBILITY CRIETERIA AS PER ANNEXURE G BY 11.02.2020 BY 17:00HRS			
	DISMANTLING COST TO BE SUBMITTED IN SEALED COVER BY 22.02.2020 BY 17:00HRS			
	DATE OF AUCTION 24.02.2020			
	ONLY FIRMS FOUND ELLIGIBLE AS PER DOCUMENTS SUBMITTED WILL BE ALLOWED TO PARTICIPATE IN FORWARD AUCTION			

Terms & Conditions :

The bidders must quote their rate on per unit basis exclusive of GST and other charges. Price should be quoted both in words and figures.

All other terms and conditions shall be as per our general terms and conditions of sale through online forward auction.

1. Parties are requested to furnish their bank account details i.e. Their bank account number, bank name & address. Parties may also give their e-mail address along with the letter of interest to m/s. Mjunction services limited. The above details are necessary in case of refunds etc.

2. Parties are also requested to furnish their GSTIN numbers alongwith the letter of interest to m/s. Mjunction services limited. The above details are of utmost importance.

3. PAN number is to be provided by the customers. In case PAN is not available for any customer, Rs.10,000/- extra shall be payable along with value of material, which will be kept as additional security and shall be refunded as & when PAN no. is submitted by the customer.

Cc to : 1. Notice board of RSP Marketing Department : all valued customers are requested to contact m/s Mjunction services Ltd., Rourkela/ Kolkata offices for further details.

DGM, Marketing



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ANNEXURE-B

LETTER OF INTEREST

To,
General Manager, (Mktg)
Steel Authority of India Limited
Rourkela Steel Plant

Dear Sir,

1. We _____ having RSP Party Code _____ are interested in participating in the online auction: **MKTG/IA/19-20 (39000129)** to be held on **24-02-2020** for **Sale DISMANTLING AND DISPOSAL OF IDLE ASSETS AT JAGDISHPUR SAIL UNIT**
2. We are hereby submitting an EMD of **Rs.50,00,000**

Account No.	10607498956
A/C type	C/C
Bank Name	State Bank of India
Branch	Commercial Branch, Rourkela
IFSC Code	SBIN 0009678

Please Note – Participation to E-Auction is subject to realization of EMD submitted by the customers, through RTGS/NEFT to SAIL-RSP by 17:00 Hours on Dt.-10-02-2019.

3. We agree to abide by all the instruction contained in the above indicated online forward auction notice, “ SAIL – FA1 – General Terms & Conditions Of Sale from Plants / Units of SAIL for sale through Online Auction / Forward Auction (FA)” available on SAIL / metaljunction’s website and your General and special Terms & Conditions of sale of materials.
4. I / We understand that my / our bid in an e-selling event would be construed as my / our acceptance to the “ SAIL – FA1 – General Terms & Conditions Of Sale from Plants / Units of SAIL for sale through Online Auction / Forward Auction (FA)” available on SAIL / munction’s website and the general Rules and Regulations governing conduct of online Forward Auctions (Annexure C). I / We understand that if our bid is accepted by the munction, and approved by SAIL, I/We are obliged to complete the transaction.
5. I/We agree that we have been provided training by mjunction in order to participate in Online Forward Auctions.
6. I / We request mjunction to allot User – id and Password to me / us and activate the same to participate in the above mentioned online forward auction.
7. I / we agree that I / we shall change the Password on receipt by me / us and keep it confidential. I / We agree that mjunction shall not be held responsible in any way for any losses that may be suffered by me / us as a result of disclosure of the Password to any other person by me.
8. I / We understand that my / our inability to participate in an e-selling event due to disruption of my / our internet services, or due to bandwidth problems with my / our local internet are beyond the control of the mjunction.



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9. In the event of any failure on our part to comply with all or any of the Terms & Conditions regarding the online forward auction. I / We irrevocably agree for the forfeiture of our earnest money deposit and security deposit (if applicable).

10. We are providing the following details to you:-

- | | |
|---|-----|
| a) Name of the contact person on our behalf | : - |
| b) Our contact Telephone No | : - |
| c) Our contact FAX No | : - |
| d) Our contact E-Mail particular | : - |
| e) BankName | : - |
| f) Branch Name & Address | : - |
| g) Branch Telephone no | : - |
| h) 9 digit code number of the branch | : - |
| i) Account type | : - |
| j) Ledger No / Ledger folio no | : - |
| k) Account no | : - |
| l) Other documents required by the plant / Unit, if any | : - |
| m) Permanent Account Number (PAN) | : - |
| n) TIN/SRINNo. | |

All the above details given by us are correct and accurate. We also declare that we undertake to accept all terms and conditions mentioned herein *in toto* without any modification or exception.

Address:

For M/s._

Yours faithfully

Signature of Authorised Person :

Name of the person signing :

(With Company's Seal.)

Consignee address :



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ANNEXURE-C

GENERAL RULES AND REGULATION GOVERNING CONDUCT OF ONLINE AUCTIONS ON THE “SERVICE PROVIDER” PLATFORM

INTRODUCTION:

This Online Forward Auction is being conducted for Rourkela Steel plant, Steel Authority of India (hereinafter referred as the “Client”) on the Auction Platform of mjunction services ltd (hereinafter referred as “Service Provider”).

The General Rules and Regulations provided herein govern the conduct of on line Forward Auctions arranged by “Service provider” on its Auction Platform. These rules cover the **roles and responsibilities** of the parties in the online Forward Auctions on the Auction Platform. **Acceptance in-toto to these General Rules and Regulations governing conduct of online auctions and Terms and Conditions for Sale of Materials by auction of Rourkela Steel Plant is a pre-requisite for securing participation in the online auctions.**

The key terms pertaining to the online Forward Auctions are provided in the “Annexure-D”. Prospective bidders are advised to read through the same.

ROLE OF “SERVICE PROVIDER”

1. “Service Provider” is the agency (operator) primarily providing the service of the Forward auction to the “client”.
2. Finalization of the auction items in consultation with the client.
3. Defining of bidding rules for each auction in consultation with the client.
 - a. Enhancing bidder awareness of and comfort with the auction mechanism and bidding rules.
 - b. Input of the Auction items and defining the bidding rule in the auction engine.
 - c. Enlarging the customer base by introducing new bidders.
 - d. Collection of proof of EMD Submission and all necessary documents from the willing bidders and forwarding the same to the Client.
 - e. Providing access to the approved bidders to participate in the Auction.
 - f. Summarizing the Auction proceedings and communicate the outcome to the Client.

The responsibility of fulfillment of the contract rests between the bidders and the client and the responsibility of the “Service Provider” shall be restricted to the extent of the services provided by them.

ROLE OF BIDDER

The role of the bidder is outlined below:

1. The bidder would participate in the auction with the aim of bidding to secure the auctioned item in the auction
2. The bidder would be provided access to the Auction through an “User ID” protected by a “Password”. The bidder needs to ensure that the “User ID” and “Password” is not revealed to unauthorized persons. Bidders are also requested to change the password allocated to them by the “Service Provider” to keep their confidentiality. However it would be bidder’s sole responsibility to ensure the security and privacy of the same and he/they would not hold the “Client” / “Service Provider” responsible in any manner whatsoever for any misuse of these user IDs and/or Password. Access to the auction mechanism shall be provided to all the approved bidders subsequent to obtaining their written consent to the General Rules & Regulations and the Letter of Interest. Payment of Earnest Money Deposit (EMD) as decided by the client before the start of the Forward auction will be one of the necessary conditions for participating in the auction.
3. Bidders hereby confirm that they shall commit to lift the item (being bid for) at the price entered by them in the auction engine AND at the terms and conditions specified herein by the Client. All Prices entered shall be legally binding on the bidders. Bidders are strongly advised to exercise due diligence while placing bids. Failure to honor the bids placed during online bidding shall render the bidders liable for penal action as deemed fit by “Client” / “Service Provider”.
4. In the event of winning an allotment in the auction mechanism, the bidder shall commit to fulfill outlined obligations under the contract.
5. The bidders shall bid on the terms specified by the client & place their bid in the auction engine in the manner specified by “Service Provider”. The bidders shall not stipulate any conditions on their own unless the terms of the client (the client’s terms & conditions) expressly permit such conditions being stipulated by the bidder. Bids entered with conditions attached shall be considered Conditional bids & “service provider” retains the right of rejecting these bids even without intimating the client.



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BIDDING RULES

The Bidding Rules refer to the information and terms defined specifically for a particular auction. The purpose of the Bidding rules is to provide approved bidders with the information and terms specific to the auction in which they are bidding. This would include:

- Definition of the unit bidding
- Start Time and duration of the auction
- Any extension of the duration of the auction in the event of bids being received towards the end of the pre-specified duration
- Start Bid Price
- Specified Unit for Bidding
- Price Increments and any reduction in the price increment in the auction in the event of inactivity
- Other attributes (informational/non-negotiable in nature)

While it shall be the endeavor of “Service Provider” to specify these rules at the earliest for each online auction, the “Service Provider” shall retain the right to delay the announcement of these biddings rules or modify rules specified earlier at the time of the online bidding. These details would be available to the bidders on the Auction Engine at the time of bidding.

Participation in the auction process presumes complete awareness and understanding of the bidding rules.

CONDUCT OF THE AUCTION:

Only those bidders who have been approved by the “Client” and handed over stamped and manually signed “General Rules and Regulations governing conduct of online auction along with Letter of Interest, required EMD amount and other necessary documents to the “Client”/ “Service Provider” prior to the start of online auction will be given “Login ID” and “PASSWORD” to enable them view and participate in online auction.

The Auction shall be conducted on pre-specified date. The Key Terms pertaining to the conduct of Auction such as “**START TIME**”, “**DURATION**”, “**END TIME**” & “**AUTO EXTENSION FACILITY**” Shall be specified separately for each Auction.

“Service provider” retains the right to cancel or reschedule the auction, with the approval of the Competent Authority of the Client, on any of the following reasons:

- The number of confirmed bidders is deemed insufficient to conduct the auction
- Some of the confirmed bidders are unable to access the module due to infrastructure problems such as sustained power failure or telecommunication breakdown.
- There are no bids, which are equal to or below Start Bid Price.
- Any other reason which in the opinion of “Service Provider” / “Client” requires such action to be initiated.

The duration of auction may also vary from the pre-specified period of time either on account of termination of the auction by “Service Provider” on the advice of the Client

Or

In case of situations where it is felt that continuance of the auction proceedings is prejudicial to the smooth conduct and / or the integrity of the auction process.

Or

Due to Auto Extension during the Auction, duration may increase from specified period.



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In the event of any problems being faced in the smooth conduct of the auction, “Service Provider” with the approval of the Competent Authority of the Client, shall have the right to undertake one or more of the following steps:

- Cancellation/ premature termination of the auction with/ without a subsequent rerun of the auction on a mutually decided date
- Cancellation of a bid
- Locking / deactivate a bidder’s account (suspension of operations in the account), etc.

In case of failure of net connection, bidder will give his best price to the “Service Provider”. “Service Provider” will bid on behalf of the bidder with the minimum increment until the bid price reaches the best price offered by the bidder, by proxy bidding mechanism.

The best price communicated by the bidder will have to be authenticated by written confirmation or fax to the “Service Provider” and will be kept confidential between the “Service Provider” and the bidder. Bidder will be bound by the price offered.

LIABILITY OF “SERVICE PROVIDER”

“Service Provider” shall not be liable to the client/ bidders participating in the auction or any other person(s) for:

- Any breach of contract by any of the parties in the fulfillment of the underlying contract.
- Any delays in initiating the online auction or postponement / cancellation of the online auction proceedings due to any problem with the hardware / software / infrastructure facilities or any other shortcomings.

While, reasonable care and diligence will be taken by “Service Provider” in discharge of its responsibilities such as design of the online bid, communication of bid details and rules, guidance to client/ bidders in accessing the Auction Engine and placing bids, etc. the bidders shall specifically indemnify “Service Provider” from all liabilities for any shortcomings on these aspects. It is clearly understood that these activities are undertaken by “Service Provider” to assist the bidders in participation but the ultimate responsibility on all these counts lies totally with the bidders.

RIGHT OF THE CLIENT:

The Client reserves the right to partially or totally accept or reject any / all bids placed in the Online Auction without assigning any reason whatsoever. The decision of the client would be final and binding on the bidder in any such case.

CONFIDENTIALITY CLAUSE:

“Service Provider” undertakes to handle any sensitive information provided by the client or confirmed bidders for the auctions conducted with utmost trust and confidentiality.

JURISDICTION

Any disputes relating to the online auction module shall be subject to the sole jurisdiction of Court of Law having jurisdictions over the Plant from where the materials are being sold.

Signed in acceptance of the above terms and conditions

Name:

Signature

Designation of signatory

Date

Place

Telephone / FAX no. _____



सेल SAIL

Steel Authority of India Limited, Rourkela Steel Plant, Rourkela, (A Govt. Of India Undertaking), Marketing Department

ANNEXURE-D

DEFINITION OF KEY TERMS

Auction.

Auction refers to a forum where the requirement for one/more lots of an item is stated and the participants (bidders) are required to bid down the price to be selected to supply the requirement.

Online Auctions.

Online auctions refer to those auctions conducted through the internet with the bidders (from one or more locations) simultaneously bidding to be selected for supplying the item/s on auction. In other words, the venue for the auction is on an Internet website/ platform. The "Service Provider's" website assigned by "Service Provider" would constitute venue for the purpose of the online auction.

Award at the Auction.

In a single winner format, only one bidder (normally the bidder who quotes the highest price) is awarded all the units of the item being auctioned. The bidder quoting the highest price is normally allotted the item.

Client.

Client is the individual/business entity who has contracted "Service Provider" to conduct such auction. In case of auction, the purpose would be the genuine intent to sell the selected item/s (Lot) to the bidders desiring to buy these items from the Client.

Bidder.

Bidder is the individual/business entity participating in the auction, intending to buy the item/s from the Client. To become a Bidder in the auction, a business entity has to secure client approval for participation and also provide written assent to the General Rules and Regulations

Auction Engine.

Auction Engine refers to the software that encapsulates the entire auction environment, processing logic and information flows. "Service Provider" is the sole owner of the auction engine and retains exclusive right over the utilisation of the same.

Timings of the Online Bid.

All the timings of the Online Bid shall be based on the time indicated by the Server hosting the Auction Engine. It shall be the endeavour of "Service Provider" to ensure that the Server Time reflects as closely as possible the Indian Standard Time (IST) i.e. GMT + 0530 hrs. However, in the event of any deviations between the Server Time and the Indian Standard Time, the functioning of the Auction Engine (launch, operation, and closure) would be guided by the Server Time. Bidders are advised to refresh both the windows of the Auction Module check the exact Server Time (displayed in both the windows).

Preview Time.

Preview Time refers to the period of time that is provided prior to the commencement of bidding. This is to facilitate approved participants to view the auction details such as item specifications, bidding details and bidding rules. The purpose is also to familiarize participants with the functionality and screens of the auction mechanism. It is not mandatory for "Service Provider" to provide Preview Time.

Start Time.

Start time refers to the time of commencement of the conduct of the online auction. It signals the commencement of the Price Discovery process through competitive bidding.

Duration of the Auction.

It refers to the length of time the price discovery process is allowed to continue by accepting bids from competing bidders. The duration of the auction would normally be for a pre-specified period of time. However, the bidding rules may state the conditions when the pre-specified duration may be curtailed/ extended. The conditions include:

- Curtailment of auction duration in the event of no bids for a specified period of time (Inactivity Time)
- Automatic extension in the event of bids being entered towards the end of the scheduled duration to facilitate the other bidders to view and react to the bid.

Auto Extension of the Auction Timings.

In the event of bids in the last few minutes of the scheduled bid time, the Bid Timings are automatically extended for a specified period from each such bid. Such Auto Extension shall continue until no bids are placed for the specified period (Engine remains inactive for the specified period). The Inactivity Time for Auto Extension purpose is normally X minutes. "Service Provider" however retains the right to change the same. The Inactivity Time applicable for the particular Online Bid shall be visible to the bidders under the Bidding Rules module on the engine.

End of the Auction.

End of the Auction refers to the termination of the auction proceedings signaling an end to the price discovery process.

Auction Report.

"Service Provider" would provide an Auction Report to the Client containing a summary of the auction proceedings and outcome. The Auction Report would constitute the official communication from "Service Provider" to the client about the outcome of the Auction.

1. Introduction

Bids are invited on website HYPERLINK <https://auction.metaljunction.com> for the sale of materials/items as per detailed list of items included in the Annexure A available at the above web site on "As is where is" and "No complaint" basis.

2. Scope of WORK: Any item not appearing in Annexure A is excluded from scope of sale- Detailed scope of work as per technical specification at Annexure G.

Dismantling and removal of various items of equipments, listed in Annexure A on "AS is where is" basis

Dismantling will be allowed during day light time.

Loading will be allowed during general shift only. Loading will have to be completed by 4 PM positively.

3. Submission of Bids: Bidding shall be in Rs for the whole LOT, excluding all taxes and duties. (Net Value i.e. total Material Value - Dismantling cost)

The per Ton rate for the material will be derived by dividing the total Material Value (Net Value + Dismantling Cost) by the approximate weight provided in the specifications. This per ton rate will be applicable in case of any quantity deviations as per clause 18 of Annexure F. The material will be supplied to the H1 bidder on actual weighment basis at JSU.

Example: If the total material quantity declared in the FA notice is 20000 T. The H1 bidder quotes Net Value of Rs 10,00,00,000 in the OLFA and Dismantling cost of Rs 2,00,00,000 in the sealed envelope (refer point 23 below), then the total Sale order value i.e. material value is Rs 12,00,00,000 (Net Value + Dismantling cost). Now the per ton rate comes out to be Rs 6000/T (Rs.12Cr/20000T).

So if the actual material quantity is 18000 T then CMO-JSU to refund the Material Value for 2000 T @ Rs 6000/T as calculated above. Similarly if the actual material quantity is 22000T then the H1 bidder will have to deposit Material value for the extra 2000T @ Rs.6000/T as calculated above.

4. Earnest Money Deposit (EMD)

Customers willing to participate in auction of any or all lots should submit an EMD of Rs.50,00,000/- (Rupees fifty lakh only) in favor of SAIL RSP in the following account :

- Account No. - 10607498956
- A/C type - C/C
- Bank - State Bank of India
- Branch - Commercial Branch, Rourkela
- NEFT/IFSC Code - SBIN 0009678

Bidder to send Email /Letter to RSP confirming the UTR No/Transaction code mentioning the amount transferred.

Please Note - Participation to E-Auction is subject to realization of EMD submitted by the customers to their respective virtual account number of Mjunction Services Limited prior to auction.

It is not possible to adjust EMD from any other sum of money due from the plant, on account of pending bills security deposit or EMD paid towards another tender.

5. Taxes & Duties

Taxes, duties and levies as applicable on the date of dispatch of material, shall be charged Extra:

GST:

- For the purposes of levy and imposition of GST, the expressions shall have the following meanings:
 - GST - means any tax imposed on the supply of goods and /or services under GST Law.
 - Cess - means any applicable cess, existing or future on the supply of Goods and Services as per Goods and Services Tax (Compensation to States) Act,2017.
 - GST Law - means IGST Act 2017, CGST Act 2017, UTGST Act, 2017 and SGST Act, 2017 and all related ancillary Rules and Notifications issued in this regard from time to time.
- The amount of GST as applicable/assessed for the supplied under sale offer shall be paid in advance by the customer in addition to the basic price quoted for the lot.
- The applicability of GST on the supplies is determined on the basis of nature of transactions. For instance, goods loaded on board for movement outside (ship to) the State of U.P. would attract CGST and SGST if the customer (Bill to) is located in the state of U.P. Similarly IGST would be chargeable if the customer (Bill to) is located outside the State of U.P. even if the goods are loaded on board for movement within (ship to) the State of U.P. Chargeability of IGST or CGST & SGST would depend upon the declaration (Bill to & ship to) as made by the Customer. Suitable undertaking has to be provided by the Customer in this regard.

- In the event of any dispute with regard to levy of GST on account of any non-compliance of GST Laws by the Customer and GST Authorities levying any additional tax/charges, the Customer shall indemnify SAIL-JSU/RSP, in respect of all claims of tax, penalty and /or interest, loss, damages, costs, expenses and liability that may arise due to such non-compliance, SAIL-JSU/RSP, at its discretion, may also with hold/recover such disputed amount from the outstanding credit balance of the Customer.
- SAIL-JSU/RSP shall provide such information and documents as may reasonably be required by the Customer to enable the Customer to claim input tax credit under the GST law.

Other Taxes/duties/levies/charges:

- The liability on account of imposition or levy of any new or existing taxes/duties/levies/charges and /or increase in rate of taxes/duties/levies/charges as levied by local/State/Central Govt concerning or in relation to the material covered under the Sale Order is entirely on customer and SAIL-JSU/RSP shall not bear any liability or responsibility in this regard.
- The GST Number of CMO-JSU is :09AAACS7062F5Z8

6. SECURITY DEPOSIT (S.D) AND BANK GUARANTEE:

6.1 Successful bidder will have to deposit S.D. @5% of the total sale value, exclusive of all GST and other charges as applicable for the total lot quantity awarded to them in the F.A., within 10 (Ten) working days from the day following the date of issue of Acceptance of Bid

6.2 Payments shall be received only through RTGS/NEFT in favor of SAIL RSP as per details given below:

- Account No. - 10607498956
- A/C type - C/C
- Bank - State Bank of India
- Branch - Commercial Branch, Rourkela
- NEFT/IFSC Code - SBIN 0009678

6.3 In case of failure of the purchaser to deposit the S.D. and / or first installment of payment as specified in "Acceptance of Bid" / "Acceptance Letter"/"Sale Order", SAIL (RSP) may at its discretion cancel the sale and forfeit the EMD / S.D. without issuing any prior notice to the Buyer. The bidders who back out will be debarred from participation in future forward auction[s] of SAIL (RSP) for a period of one (1) months.

6.4 In addition to SD, the H1 bidder shall submit a BG operable at Rourkela for 5% of basic contract value, valid for an initial period of 1 year, which may be extended till completion of the contract.

7. Payment:

Payment of the total SO value including GST and other taxes and duties shall be in the Favor of CMO-JSU Payments shall be received only through RTGS/NEFT as per details given below:

- Account No. - 11022401440
- A/C type - C/C
- Bank - State Bank of India
- Branch - SME Division, Main Branch, The Mall, Kanpur
- NEFT/IFSC Code - SBIN0000107

- For total sale value up to Rs 10 lakhs, payment of balance amount shall be made within 15 working days from the next date following the date of Sale Order.
- For total sale value above Rs 10 lakhs and up to Rs 60 lakhs, three equal installments may be paid at intervals of 15 working days from the next date following the date of Sale Order.
- For total sale value above Rs. 60 lakhs, first installment shall be 34% of the total sale value and shall be paid within 15 working days from the date following the date of Sale Order. The balance payment is to be made in maximum 2 installments of 33% each, at an interval of 30 working days from the next date following the due date of 1st installment.
- Payment shall include all taxes and duties.
- All days mentioned above are working days. The office holidays" list of CMO-JSU shall be final and binding for all purposes. No interim extension of payment dates would be considered by RSP hereafter, except in case of force majeure circumstances and Bandh/ Strike at Jagdishpur only, and that too, only when such an eventuality takes place on the last date of payment.

8. Extension of date of payment:

- The 1st installment is to be paid within 15 working days of issue of Sale Order. In case of delay in deposit of any installment, extension of maximum of 7 working days shall be considered with late deposit charge @ 1% of balance due, provided a written request is received within the original due date. If payment of any installment is delayed beyond this extension of 7 working days period, SAIL, RSP shall have the option to forfeit the SD and put the items for Forward Auction again. In case, any installment is paid with late deposit charge, it is to be noted that the due dates of payment for the subsequent installments shall remain unchanged.
 - Payment towards the value of the materials including taxes and levies etc, as applicable shall be accepted as per clause 7 mentioned above
 - Dismantling will be allowed only after receipt of 1st installment of payment as mentioned in the "Acceptance Letter" / "Sale Order"
 - For dismantling cost the H1 bidder will raise GST invoice on CMO-JSU
9. **Delivery Order (D.O.)** will be issued only after receiving full sale value of Lot along with applicable Taxes, Duties and any other levies.

10. Contract Validity:

This Contract shall be valid for the period as specified below, from the date of issue of Sale Order and it includes all activities involving completion of dismantling operations and lifting of equipments / materials.

Sale order Value	Contract Validity in working days
Upto Rs. 10 Lakhs	60
Above Rs. 10 Lakhs to Rs. 20 Lakhs	75
Above Rs. 20 Lakhs to Rs. 30 Lakhs	90
Above Rs. 30 Lakhs to Rs. 40 Lakhs	105
Above Rs. 40 Lakhs to Rs. 50 Lakhs	120
Above Rs. 50 Lakhs to Rs. 60 Lakhs	135
Above Rs. 60 Lakhs	210

11. Ground Rent:

- 11.1 In case material is not removed within contract validity, extension of time shall be considered with payment of ground rent @ 1% per week or part thereof of proportionate value of un-lifted material subject to a maximum limit of 4 weeks. After expiry of the period of lifting on payment of ground rent, the un-lifted materials shall be treated as abandoned goods and RSP shall be free to dispose it otherwise.
- 11.2 If any materials for which release order is issued and could not be delivered to the purchaser by JSU either in full or in part due to any reasons attributable to SAIL/JSU/RSP, RSP may extend the date fixed for removal of the material for a further period without charging ground rent. However, such extension, if granted, will not entitle the Purchaser to make any claim on SAIL-JSU/RSP due to delay in lifting of material.

12. Safety and Statutory Regulations:

- The Bidder shall strictly adhere to and comply with the safety rules of Jagdishpur SAIL Unit, regarding the equipment and personnel protection. Prior to commencing any work at site, the Successful Bidder shall obtain clearance from JSU and shall abide by all the safety rules and regulations of the plant and applicable statutory requirements. Safety is of prime importance. Any failure to adhere to safety rules/ norms may make successful bidder liable to pecuniary penalty at the discretion of JSU.
- Special care should be taken while dismantling and handling the equipments in view of the adjacent areas being operative. Dismantling shall be carried out by experienced and skilled workmen. For details please refer to Annexure G

13. Lifting of Material:

The purchaser shall lift the material after issuance of Delivery Order subject to permission from JSU. For the purpose of dismantling the structure and lifting the material, the Purchaser will engage their own labor and transport at their own cost and risk within the prescribed limit of time as per permission of JSU depending upon the condition prevailing in the area. The purchaser shall be dismantling and lifting the material from the area as may be earmarked / demarcated by JSU from time to time which shall be final and binding on them and they shall observe the rules and regulations and working hours as may be

MICU [Signature] N [Signature]

fixed by JSU. The purchaser shall lift the materials only after fulfilling the condition of advance payment in full and after obtaining the Release Order issued by the competent authority of CMO-JSU. The purchaser shall follow the procedure for taking the materials out of the premises of JSU within the time allowed in this behalf. The purchaser should note that no lifting of material will be allowed on weekly holidays and / or closed holidays observed by JSU. The purchaser shall not segregate the material at the site allotted. It will be the discretion of the authorized representative of JSU to advise the Purchaser in which manner the materials shall be lifted.

14. Cutting / dismantling of the materials may be allowed to facilitate loading of materials into the trucks / trailer etc. Cranes required for loading will have to be brought by the purchaser at their own cost. However, before doing so, necessary permission from SAIL, JSU has to be obtained, and if felt necessary by JSU, the entire job or any part of it has to be done under the supervision of the representative of JSU.
15. RSP reserves the right to reject any or all the offers or foreclose the contract at any time due to administrative reasons.
16. The Forward Auction being on "AS IS WHERE IS" and "NO COMPLAINTS" basis, no guarantee regarding material quality / quantity / chemical Analysis and its usage is given by RSP.

17. STORAGE, PACKING AND TRANSPORTATION

Adequate storage area is available in each bay / plant site for the storage and packing of the dis-mantled equipment. Packing shall be done in the presence of authorized JSU personnel and the material shall be transported out of the plant only against the "Material Pass" / "Dispatch Advice" issued by SAIL, JSU against each consignment.

18. HANDING OVER THE SITE TO RSP

The purchaser shall clear the debris, scrap and unwanted materials from the site to a place within the plant premises, as assigned by JSU. The cover plates and slabs over the cable and pipe channels removed for dismantling purpose shall be replaced. All supports, structures and connections, if any, of power, water, compressed air etc., shall be removed. The site shall be handed over to JSU in a tidy and neat condition.

19. CO-ORDINATING OFFICER:

For the convenience of the purchaser, JSU shall designate a Technical Officer for co-ordination with other Agencies of SAIL, and superintendence of site work.

In case of any ambiguity / clarification or doubt / dispute with regard to specifications, scope, quantity and other terms and conditions of the sale through Forward Auction, decision of HOD (Marketing,) RSP, shall be final and binding.

20. The bidder who agrees to all terms and conditions of the FA may take part in the online event. Taking part in the online event shall itself construe that the bidder accepts all the terms and conditions of the Forward Auction.
21. In case of conflict, the terms and conditions indicated in the "Special Commercial/Technical- included in Annexure E and G" shall prevail over the general terms & conditions, detailed in annexure F.
22. Important: Submission of Catalogue: This catalogue is to be submitted along with the requisite EMD with all Pages duly signed by the bidder latest by 5.00 PM one day before FA date to the office of M/s. Mjunction Services Ltd, ROURKELA.

23. Additional Terms for bidders for DISMANTLING and DISPOSAL of Idle Assets of Jagdishpur SAIL Unit

Sequence of events:

<u>Event</u>	<u>Date</u>
Submission of EMD of Rs 50,00,000	10.02.2020
Submission of documents for eligibility criteria	11.02.2020
Opening of offers in MM TO cell	12.02.2020
Submission of Dismantling cost in sealed cover by eligible bidders	22.02.2020
Online Forward Auction	24.02.2020

1. All eligible bidders to submit Dismantling Cost, excluding GST in sealed Cover prior to Online FA date, which will be opened after Bidding. The Sealed Envelope with dismantling should have FA No MKTG/FA/IA/19-20 () DISMANTLING COST for Idle Asset of JSU subscribed on top and is to be addressed to:

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Mjunction,
4th Floor, Administrative Building,
Marketing Department, Rourkela Steel Plant,
Rourkela-769011.

2. In the Online Forward Auction Bidders to quote for NET VALUE (i.e. Material Value Less Dismantling Cost submitted). H1 Bidder shall be decided on this Net Value. For e.g. If material value is Rs. 100 and dismantling cost is Rs. 10 then bidder to quote Rs. 90 (Net of 100-10) in OLFA.
3. Highest among the Net Value received shall be the H1 bidder.
4. After Auction, dismantling cost, already submitted to SAIL RSP in sealed cover prior to Auction shall be opened for all bidders.
5. Material Cost shall be derived by adding dismantling cost already received by us, in sealed envelope. For Example

	A	B	C (A+B)
SL No.	Net Value (vide OLFA Results)	Dismantling Cost (in Sealed Envelope)	Material Value (Calculation)
1	80	20	100
2	75	125	200
3	78	72	150

*Considering point no 3 above, H1 bidder in this example will be the bidder at SL No. 1, with the highest Net Cost of Rs. 80

6. On award to H1 Bidder, Sale Order for material at the Material Cost calculated at Column C above shall be issued and a separate Service PO for Dismantling at the dismantling cost as given in sealed envelope (column B) shall be issued separately.
7. The above type of transactions envisages both purchase (services/dismantling) & sales activity, with single H-1 bidder, necessity of both such transactions is to take care of GST compliance.

Payment by customer will be made as per payment Terms & conditions as stated hereunder:

- For total sale value above Rs. 60 lakhs, first installment shall be 34% of the total sale value and shall be paid within 15 working days from the date following the date of Sale Order. The balance payment is to be made in maximum 2 installments of 33% each, at an interval of 30 working days from the next date following the due date of 1st installment. Payment shall include all taxes and duties.
- Dismantling will be allowed only after receipt of 1st installment of payment by CMO-JSU as mentioned in the "Acceptance Letter"/ "Sale Order"
- Delivery Order (D.O.) will be issued by CMO-JSU, only after receiving the Net H1 price quoted by the party through Forward Auction along with applicable Taxes and Duties and after Release Order is issued.
- The H1 party will raise Tax Invoice on CMO-JSU, towards RA bill for dismantling cost which will be processed by CMO-JSU and subsequent Release Order will be released till it reaches the Original Sale Order Value (i.e. Rs 100 in our example).
- No payment against this dismantling invoice raised shall be made to the customer. However the payable amount shall be adjusted with the balance unpaid Sale Order Value. (i.e. Rs 20 in above example). This process shall continue till the entire amount of dismantling cost is adjusted.
- On completion of DO and subsequent DA being raised by JSU, GST invoice will be raised by CMO-JSU/JSU on the H1 party towards the material value. TCS @1% shall be charged in the invoice and all statutory compliance relating to TCS shall be discharged.

For the case of Understanding & applicability of above, the process shall be as follows:

1. H1 BIDDER: with Rs 100 Material Cost & Rs 10 Dismantling Cost, Net Cost Rs 90.
2. S.O. for Material to be issued for Rs 100 & SERVICE P.O. to be issued for Rs.10 i.e dismantling charges. (taxes and Duties extra)
3. Payment as per payment schedule will be received from the party on net amount i.e Rs 90. (taxes and Duties extra)
4. In case of delay in payment, penalty charges will be charged on amount due as per payment schedule (not more than net amount of Rs 90 in our example).
5. In case of delay in lifting of material, ground rent will be charged on the material value not lifted after contract validity is over (i.e. SO value - value of DO issued for which material has been lifted)
6. As and when Dismantling Invoice by H1 Bidder is given to CMO-JSU, the same shall be processed by CMO-JSU wherein no payment shall be made and only Credit entry shall be passed to the customer account in favor of the particular SO, so that RO qty/ value is enhanced till complete SO Value is reached (in our case Rs 100).



General Terms & Conditions of Sale of Idle Assets through Forward Auction by Marketing Department (RSP/SAIL)

1. The following terms of expressions, as used herein and in the appertaining Tender documents including Notice for Forward Auction of Idle assets, Instructions to bidders, Special Terms and Conditions, Letter of Interest, General rules and Regulations of Forward Auction, Definition of Key Terms of Forward Auction, Auction Schedule (Scope of work, payment Terms, Taxes and duties etc), Annexure, Appendices shall have the meaning defined hereunder.

1.1 "SAIL" shall mean "Steel Authority of India Limited" incorporated under the Companies Act, 1956 and having its registered office at Ispat Bhavan, Lodi Road, New Delhi- 110003, India and having their Rourkela Steel Plant at Rourkela, which term or expression unless excluded by or repugnant to the context shall include its successors and permitted assigns. SAIL, RSP shall mean Rourkela Steel Plant, hereinafter called the "Company".

1.2 Rourkela Steel Plant (hereinafter referred as RSP)" shall mean the plant/unit of SAIL at Rourkela, Orissa, India, and the owner.

1.3 "Bidder" shall mean the person (individual), firm, corporation, business entity participating in the auction and shall include his/its/their heirs, executors, administrators, successors and assigns.

1.4 "Purchaser or Buyer" shall mean the successful bidder whose bid has been accepted under Forward auction by SAIL/RSP and shall include his/its/their heirs, executors, administrators, successors and assigns approved by SAIL/RSP.

1.5 "The Contract" shall mean and include the Notice for Forward Auction of Idle assets, Instructions to bidders, Letter of Interest, General Rules and Regulations of Forward Auction, Definition of Key Terms of Forward Auction, Auction Schedule (Scope of work, payment Terms, Taxes and duties etc), General Terms and Conditions of Sale of Idle assets through Forward Auction by Marketing Department, RSP, Special Terms & Conditions, Annexure, Appendices, Acceptance Letter/Sale Order along with subsequent amendments, if any and other documents issued by SAIL pertaining to the referred forward auction.

1.6 "Weight" shall mean the calculation of a load. It is to be stated in Metric Tonnes (1 Metric Ton=1000 Kgs) and/or in Kgs.

1.7 "Time" shall be reckoned by months, days, and hours, the period of a month being equivalent to a calendar month, according to a Gregorian calendar. Period of a month shall be equivalent to 30 days.

1.8 "CISF" shall mean "Central Industrial Security Force" or any other security Agency appointed by SAIL in its plant/UNITS.

1.9 "Auction" refers to the forum where requirement for one/more lots/items is stated and the participants (bidders) are required to bid up the price to be selected to purchase the requirement.

1.10 "Online Auctions" refer to those auctions conducted through the Internet with the bidders (from one or more locations) simultaneously bidding to be selected for selling the item/s on auction. In other words, the venue for the auction is on an Internet website/ platform.

1.11 Award at the Auction: Subject to acceptance by SAIL, RSP, in a single winner format, the bidder who quotes the highest price is awarded all the UNITS of the item being auctioned.

1.12 "Cluster" refers to the combination of more than one lot/items of either dissimilar /similar nature in terms of composition or extent of availability of material with different degrees of usage by the plant.

1.13 "Letter of Interest" is the undertaking to be submitted by each intending bidder duly completed and signed by him, accompanied with other documents authenticating the bidder's status and forwarding the Earnest Money Deposit to the Service Provider/Auctioneer appointed by SAIL/RSP in the Notice for Forward Auction, to conduct the forward auction. Submission of the "Letter of Intent" by the bidder will imply that the bidder intends to participate in the forward auction and has gone through all terms and conditions of sale and different Annexure etc and fully accepts the same without any reservation and will adhere to the same while bidding, if the bidder succeeds in the bid and acceptance letter is issued to him, and during execution of the contract.

1.14 "Persons" shall include firms, companies, corporations, associations or body of individuals whether incorporated or not. Words importing masculine gender or singular number shall also include feminine gender and plural numbers and vice versa where the contract so requires or permits.

1.15 Jagdishpur SAIL Unit (hereinafter referred as JSU)" shall mean the plant/unit of SAIL at Jagdishpur, U.P, India, and the owner. Central Marketing Organization of SAIL located at Jagdishpur is hereinafter referred as CMO-JSU

2. TERMS AND CONDITIONS OF SALE ON "AS IS WHERE IS" AND "NO COMPLAINT" BASIS:

Bids are accepted on the assumption that the bidders have inspected the materials and have known what they are bidding for, whether they have first inspected the materials or not and the principle of "Caveat Emptor" shall apply to the sale. The sale is on the basis of "AS IS WHERE IS". No guarantee whatsoever regarding quality, description, present or future conditions of the material at the time of supply and / or its fitness for any specific purpose can be given. The materials will be lifted from the site of storage with all faults, errors in description or otherwise if any quantity, quality, size, measurement, marks and number is stated in the FA documents, the same are approximate and no warrantee or guarantee shall be implied. The bidders are advised to inspect the materials before offering their price.

3. The sale is exclusively meant for the materials stated in the notice for Forward Auction and specifically precludes any other items found along with the material described above or found in the vicinity or its area which in the opinion of JSU, do not form part of the items to be sold. The decision of JSU and its authorized representative will be final in this regard.

4. No firm / person who is banned by SAIL, RSP or by any other unit of SAIL shall be allowed to participate in Forward Auction. If at any time it is detected that any such person / firm has participated in Forward Auction or purchased a lot, his bid will stand cancelled and the entire deposit with SAIL CMO-JSU/RSP against this contract, shall be forfeited.

5. The Bidders must submit their firm details in the letter of interest submitted to the service provider M/s mjunction services with respect to GST No & Permanent Account Number and provide necessary attested copies of the same. Similarly, the bidder is also required to furnish information about its firm's status and submit necessary documents viz: Memorandum of Association, Article of Association, Partnership Deed, Proprietorship etc. failing which the bid is liable to be rejected.

5.1 Submission of Bids in the Online Forward Auction will mean that the bidder has gone through the terms & conditions and the same are accepted by him in totality.

5.2 SAIL, RSP reserves the right to dispose off any items by other means even after inviting offer / bids for sale of such materials by forward auction / tender

6. **VALIDITY OF BIDS:** The Quotation / BID shall remain valid for 180 working days from the date of the Forward Auction.

- In case the date of Forward Auction becomes a holiday, the Auction will be held on the next working day.
- RSP reserves the right to accept or reject any or all the Catalogue Offers / Letter of Interest without assigning any reason thereof at any stage.

7. CONDITIONAL OFFERS:

(a) Conditional CATALOGUE OFFERS / Letter of Interest will not be considered.

(b) LATE SUBMISSION OF EMD: Late submission of EMD will not be considered and it will not be accepted after closing hours.

8. ACCEPTANCE OF OFFER:

8.1 Once the bid quoted by a bidder is found acceptable, an "Acceptance of Bid" will be issued to the successful bidder by SAIL RSP through Registered Post / Courier. This will indicate the total amount of security deposit, amount of EMD already submitted which shall be converted / adjusted towards SD, the balance amount of SD and the time (normally 10 working days) within which the balance amount of SD, is to be deposited etc.

8.2 After completion of internal formalities like site inspection etc at JSU, the "Acceptance Letter" along with Sale Order shall be issued by RSP to the successful bidder by registered post / courier. This will indicate the: - description of goods, quantity, accepted rates, sale value, total amount of security deposit, date of payment of the 1st installment, subsequent installments, etc.

8.3 RSP, at its discretion, can award the contract to a successful bidder for full or part quantity of the material or can divide the offered quantity between one or more purchasers.

9. SECURITY DEPOSIT & BANK GUARANTEE:

9.1 RSP shall adjust the Earnest Money Deposit deposited by the purchaser, against Security Deposit on issuance of Acceptance of Bid. The balance amount towards S.D. shall be paid by the purchaser within the time stipulated in the Acceptance of Bid. The Security Deposit is to be deposited as per Clause 6 of Annexure E. The Security Deposit shall be for the due and faithful

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performance of the Contract and shall remain binding notwithstanding such variations, alterations, or extensions of time as may be made, given, conceded or agreed to between the buyer and SAIL.

9.2 The security deposit will be refunded after receipt of Delivery Completion Report to be signed by both the parties (SAIL, JSU as well as the Purchaser) and is subject to satisfactory execution and completion of lifting of materials strictly in accordance with the terms & conditions of this Forward Auction sale. SAIL will be entitled to recover from the Security Deposit all money due to it, concerning the sale. Security Deposit shall not accrue any interest.

9.3 In the event of failure on part of the Purchaser to furnish the Security Deposit within the time mentioned in the Acceptance of Bid, SAIL/RSP may at its discretion, cancel the Acceptance of Bid without issuing any prior notice to the Purchaser and his Earnest money shall stand forfeited. The Purchaser due to such default shall be debarred from participation in future auctions/forward auctions / tenders of SAIL RSP for a period of one month.

9.4 In addition to SD, the H1 bidder shall submit a BG operable at Rourkela for 5% of basic contract value, valid for an initial period of 1 year, which may be extended till completion of the contract.

10. SALE ORDER:

10.1 After the Security Deposit is received in full by SAIL and internal formalities like site inspection etc. are over; RSP shall issue the Acceptance Letter along with Sale Order as mentioned at Para 8.0 above, which will be dispatched by registered post / courier. The Sale order shall indicate the description of goods, quantity, accepted rates, sale value, security deposit received and the time within which to make the payment for balance installments, delivery period, etc.

11. CONTRACT VALIDITY:

The contract will be valid for a specified period to be reckoned from the date of issuance of Acceptance letter and as indicated in the Acceptance letter / Sale Order and / or its subsequent amendments. The purchaser should complete the execution of the contract within validity date of the contract, failing which ground rent will be levied at a rate specified herein.

12. PAYMENT:

12.1 On receipt of Acceptance Letter / Sale Order, the Purchaser shall deposit the amount as per details indicated therein as per Clause 6 of Annexure E. Adjustments of payments from any other payment due to the Purchaser will not be entertained.

13.0 TAXES AND DUTIES:

GST: For the purposes of levy and imposition of GST, the expressions shall have the following meanings:

- a. GST - means any tax imposed on the supply of goods and /or services under GST Law.
- b. Cess - means any applicable cess, existing or future on the supply of Goods and Services as per Goods and Services Tax (Compensation to States) Act, 2017.
- c. GST Law - means IGST Act 2017, CGST Act 2017, UTGST Act, 2017 and SGST Act, 2017 and all related ancillary Rules and Notifications issued in this regard from time to time.

- The amount of GST as applicable/assessed for the supplied under sale offer shall be paid in advance by the customer in addition to the basic price quoted against each material.
- The applicability of GST on the supplies is determined on the basis of nature of transactions. For instance, goods loaded on board for movement outside (ship to) the State of U.P. would attract CGST and SGST if the customer (Bill to) is located in the state of U.P.. Similarly IGST would be chargeable if the customer (Bill to) is located outside the State of U.P. even if the goods are loaded on board for movement within (ship to) the State of U.P. Chargeability of IGST or CGST & SGST would depend upon the declaration (Bill to & ship to) as made by the Customer. Suitable undertaking has to be provided by the Customer in this regard.
- In the event of any dispute with regard to levy of GST on account of any non-compliance of GST Laws by the Customer and GST Authorities levying any additional tax/charges, the Customer shall indemnify SAIL-JSU/RSP in respect of all claims of tax, penalty and /or interest, loss, damages, costs, expenses and liability that may arise due to such non-compliance, SAIL-JSU/RSP, at its discretion, may also with hold/recover such disputed amount from the outstanding credit balance of the Customer.
- SAIL-JSU/RSP shall provide such information and documents as may reasonably be required by the Customer to enable the Customer to claim input tax credit under the GST law.

Other Taxes/duties/levies/charges:

- The liability on account of imposition or levy of any new or existing taxes/duties/levies/charges and /or increase in rate of taxes/duties/levies/charges as levied by local/State/Central Govt concerning or in relation to the material covered under the Sale Order is entirely on customer and SAIL-JSU/RSP shall not bear any liability or responsibility in this regard.
- The GST Number of CMO-JSU is :09AAACS7062F5Z8



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14. EXTENSION OF DATE OF PAYMENT:

14.1 1st installment dues shall be deposited within 15days from the date of issue of Acceptance Letter or as specified in the Acceptance Letter. Similarly, other installment(s) shall be paid as per the schedule in the Sale Order.

14.2 Amount due under an installment has to be paid within the scheduled / stipulated date in the Acceptance Letter / Sale Order. Or in case the amount paid in part and a request is made for extension of time for payment of the balance amount, such request may be allowed subject to an extension of 7working days from the due date for which the late deposit charge @ 1% per week or part thereof will be charged against the defaulted amount.

14.3 In the event any due date of payment / installment falls on Sunday or CMO-JSU office holiday, the payment shall be made on the next working day without late charges.

15. FAILURE TO MAKE PAYMENT:

In the event of failure of the Purchaser to deposit the installment dues within the scheduled date or by the date for which extension is permitted as per clause 14.2, the Purchaser shall be liable for forfeiture of his Security Deposit and the Acceptance Letter / Sale Order, as the case maybe, maybe terminated without any further reference to the Purchaser. The purchaser, in such event will be debarred for a period of 1 months from participating in the Forward Auctions / Tenders of RSP.

16. DELIVERY ORDER

16.1 On receipt of full installment payment from the purchaser, CMO-JSU will issue a "Delivery Order" which will enable the purchaser to take delivery of the materials from the site. The Purchaser will remove the goods sold from the site after dismantling, wherever required.

16.2 ACCEPTANCE LETTER and SALE ORDER, as the case maybe, is not transferable nor can the same be assigned to any other person /s.

16.3 The Purchaser who signed the FA notice/ Letter of Interest is required to sign the Delivery Order for taking delivery. If the purchaser desires to take delivery through his authorized representative, he must authorize by a letter of authority, which shall be presented to the appropriate authority of JSU. The letter of authority shall bear the specimen signature of the Authorized Representative duly attested by the bidder / purchaser. SAIL, JSU may at its discretion decline to act on any such authority and it shall be in all cases for the purchaser to satisfy the SAIL/JSU that the authority is genuine. Delivery by party will be at the purchaser's sole responsibility and risk and no claim shall lie against SAIL-JSU/RSP on any accounts whatever, if delivery is effected to wrong person(s).

17. DELIVERY AND REMOVAL OF GOODS:

17.1 Delivery of the material will be effected "In situ" by SAIL, JSU. Time is the essence of the contract. The goods sold will be removed by the Purchaser from the site within the date specified in the Delivery Order. The Purchaser will take delivery of the materials during working hours on all working days on presentation of the Delivery Order to the Officer-in-charge / Co-ordinating Officer / Technical Officer representing the custodian of the goods sold from the site / Disposal yard / stores who may suspend the delivery for a particular period of time for want of any clarifications or other technical / operational reasons. The purchasers will make their own arrangements for collection / removal and will not be entitled to claim any facilities or assistance for the transport / removal of the goods / lots from the plant premises. SAIL, JSU may, subject to availability, extend at its discretion certain facilities such as crane, compressed air etc. on chargeable basis for handling the lot. The fact that such application has been made to JSU or any delay on the part of JSU to grant such facilities does not entitle the purchaser for any extension of delivery date.

17.2 It will be the sole responsibility of the Purchaser to ensure the removal of the materials within the stipulated period which is firm and shall not be deferred on the grounds of availability or otherwise of labour, truck and such other factors as climatic conditions and transport etc.

18. SHORTAGE / EXCESS OF GOODS

- Where the goods are sold in lots and not in number or UNITS, and reference to quantity, quality, size, measurement, number and weight in the notice or other documents shall not be a point of dispute and the purchaser shall have no claim against SAIL-JSU/RSP for refund of whole or any of the purchaser's money or for loss of profit, interest, damages or otherwise.
- Where the materials are sold by weight or in number and the Purchaser fails to obtain delivery of the whole or portion of the goods sold, no claim shall be entertained but he shall be refunded the amount of sale value proportionate to the

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undelivered quantity. The decision of RSP for arriving at the proportionate amount shall be final and binding on the Purchaser. He shall not be entitled to claim any damages, loss or profit interest or compensation on any account due to such short delivery.

- However, if the quantity after lifting of this stipulated quantity is found to be in excess of the quantity indicated in the Release Order, SAIL, RSP may at its discretion offer the surplus quantity to the Purchaser at a price not less than the price at which the contract is awarded and on the same terms and conditions. The Purchaser will be allowed to lift the material only after he has deposited the sale value and other charges / taxes etc. of the materials. In case such surplus quantity is offered to the Purchaser, he shall be bound to make payment for the additional quantity and would lift the same within the time specified for the purpose.
- RSP also has the right either to recover the additional sale value and cost from the Security Deposit or demand the buyer to remit the additional amount due and obtain a valid receipt before allowing removal of the excess quantity. However, no request from the Purchaser to adjust such amount from the Security Deposit or any other sum payable to the Purchaser shall be entertained by SAIL.

19. WITHDRAWAL OF GOODS FROM SALE

19.1 RSP reserves the rights to withdraw at any stage any items and/or any quantity of the materials by number, description or weight without assigning any reason thereof to the purchaser. Pro-rata sale value for the materials withdrawn, if any, paid by the purchaser, will be refunded without interest. Pro-rata sale value will be based on the value taken into consideration for calculation of Reserve Price. Decision of RSP for arriving at pro-rata sale value/proportionate amount shall be final & binding on the purchaser and will not be a point of dispute. Purchaser shall not have any claim or damages, loss of profit interest or compensation on any account due to such short delivery/withdrawal.

19.2 SAIL, RSP reserves the right to dispose off any items by other means even after inviting offer / bids for sale of such materials by Forward Auction / Tender.

20. GROUND RENT:

In case material is not removed within contract validity period, extension of time up to a maximum period of 4 weeks shall be considered with payment of ground rent @ 1% per week or part thereof of proportionate value of unlifted material.

21. LIFTING OF MATERIAL:

21.1 The full quantity of goods covered by Delivery Order shall be collected and removed by the Purchaser on AS IS WHERE IS and NO COMPLAINT basis in wet, dry or oily conditions, with faults or errors in description, without any sorting, segregation or rejection.

21.2 The Purchaser shall ascertain the convenience and obtain the clearance from the concerned department of SAIL, JSU for bringing his containers, Lorries / Trailers etc and for taking delivery of goods. Labour required for weighing and loading into Lorries / Trailers, will have to be arranged by the Purchaser at his cost.

21.3 No Pick & Choose, cutting, cleaning or breaking of goods will be permitted unless specified. The successful bidder shall lift the quantity for which payment has been received subject to permission by JSU. For the purpose of dismantling the structure and lifting the material, the purchaser will engage their own labour and transport at their own cost and risk from the area allotted to them within the prescribed limit of time as per permission of JSU. The purchaser shall be dismantling and lifting of the material from the area as may be earmarked / demarcated by JSU from time to time which shall be final and binding on them and they shall observe the rules and regulations and working hours as may be fixed by JSU. The purchaser shall lift the materials only after fulfilling the condition of advance payment and after obtaining the Release Order issued by the competent authority of CMO-JSU.

The purchaser shall follow the procedure for taking the materials out of the premises of the owner as prevailing in the area within the time allowed in this regard. The purchaser should note that no lifting of material would be allowed on weekly holidays and/or closed holidays observed by the owner (JSU). The purchaser shall not segregate the Forward auction material at the site allotted. In case the purchaser engages / indulges in such segregation, the owner reserves the right to cancel the said lots in favor of the said bidders in addition to forfeiting the Earnest Money/ Security Deposit deposited by the said purchaser. While taking delivery of the material it will be the discretion of the authorized representative of JSU to direct the purchaser in which manner the materials shall be lifted.

21.4 Cutting / dismantling of the materials may be allowed to facilitate loading of materials into the trucks / trailers etc. Cranes required for loading will have to be brought by the purchaser at their own cost. However, before doing so, necessary permission from JSU has to be obtained by the purchaser and if felt necessary by JSU the entire job or any part of it has to be done under the supervision of the representative of JSU.

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22. STORAGE, PACKING AND TRANSPORT

Adequate storage area is available at each site for the storage and packing of the dismantled equipment. Packing shall be done in the presence of authorized JSU personnel and the material shall be transported out of the plant only against the "Material Pass"/ Dispatch Advice issued by JSU against each consignment.

23. HANDING OVER THE SITE TO JSU:

23.1 To facilitate smooth & uninterrupted Plant operation and dismantling / transportation, the site of dismantling / adjacent areas / storage areas shall be cleared of debris, scrap, unwanted material from time to time. It will be the purchasers' responsibility to arrange removal of such material to the place within the Plant premises as assigned by JSU. SAIL, JSU/RSP reserves the right to suspend / cancel the sale / stop delivery of the material, if the purchaser fails to clear the site when called upon to do so, if such failure is deemed by the executing agency to be the cause of obstruction / hindrance to un-interrupted and safe working and / or delivery of material. Such stoppage / suspension will not entitle the Purchaser to claim any extension of delivery / completion / contract validity date and the Purchaser will have no claim against SAIL-JSU/RSP for the Purchaser's money, or for loss or profit, damages, interest or otherwise.

23.2 On completion of site work, the purchaser shall dispose off the debris, scrap and unwanted materials from the site to a place within the plant premises, as assigned by JSU. The cover plates and slabs over the cable and pipe channels removed for dismantling purpose shall be replaced. All supports and structures and connection, if any, of Power, water, compressed air etc., shall be restored. The site shall be handed over to JSU in a tidy and workman like manner.

24.0 In case of any ambiguity / clarification or doubt / dispute with regard to specification, scope, Quantity and other terms and conditions of the sale through Forward Auction, decision of HOD (Marketing) RSP, shall be final and binding.

25. RE-SALE:

Re-sale will not be recognized by SAIL. Sale orders will be made out only in the name of the actual purchasers.

26. CUSTODY AND PRESERVATION OF GOODS AFTER SALE

The materials shall remain in every respect at the risk of the purchaser from the date the Acceptance Letter / Sale Order is issued to the purchaser. SAIL-JSU/RSP shall not be under any liability for the safe custody or preservation of goods thereof from that date.

27. ABANDONED GOODS:

27.1 The purchaser must effect complete removal of the material from the site within the date specified in the release order issued by CMO-JSU. In case the materials are not removed in full within the specified date, delivery order for the left over quantity will be treated as CANCELLED. The materials / quantities left over will be treated as ABANDONED GOODS at the risk and cost of the purchaser. RSP will have full right on such abandoned goods and will be entitled to resale or dispose off the same in any manner it deems fit without any reference to the purchaser. The purchaser will have no claim on materials treated as ABANDONED GOODS. In addition to forfeiting such ABANDONED GOODS, the Security Deposit / initial deposit and the price proportionate to the value of the unlifted goods, if any, paid by the purchaser, will also stand forfeited. The purchaser shall further be held liable for all commission and other charges and losses suffered by SAIL-JSU/RSP, which may be used for and recovered in a Court of Law or from any other money due to the Purchaser.

27.2 EXTENSION OF DELIVERY DATE WITH GROUND RENT:

Notwithstanding the above conditions, RSP may, on consideration of merit of the case, allow extension of the removal date up to a maximum period of 4 weeks by charging ground rent equivalent to 1% of the value of the left over materials per week or part thereof. If the purchaser fails to remove the full material within the extended delivery date, the material so left over will be treated as ABANDONED GOODS and will be dealt with as stipulated in Para (a) above.

27.3 EXTENSION OF DELIVERY DATE WITHOUT GROUND RENT:

If any materials for which release order is issued and could not be delivered to the purchaser by SAIL-JSU either in full or in part due to any reasons attributable to SAIL/JSU, RSP may extend the date fixed for removal of the material for a further period without charging ground rent. However, such extension, if granted, will not entitle the Purchaser to make any claim on SAIL-JSU/RSP due to delay in lifting of material.

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28. DAMAGE TO PLANT PROPERTIES

The purchaser shall be fully responsible for any loss/damages that may be done to premises, equipments, machinery and other installations of the Jagdishpur SAIL Unit in course of removing/lifting the lots purchased by them, and the purchaser is fully liable to reimburse to SAIL, CMO-JSU, and the cost of such damages. SAIL fully reserves the right to recover the cost of such damages from any sum due to the purchaser.

29. ENTRY PASSES TO PLANT

Admit/Arca/Gate passes are issued to one representative of the purchaser by the Commandant, CISF, Jagdishpur Steel Unit, on the recommendation of the officer of JSU. While applying for such entry passes, the purchaser should submit an undertaking certifying that the particulars of the persons (applied for passes) are correct & there is no crime/criminal cases either pending or contemplated against each to the best of their knowledge. The purchasers shall be responsible for the conduct of the persons inside the plant premises. The purchasers and their workers should not move about freely in the plant/mines areas other than those they are authorized to visit. Free movement of purchasers and their workers/representatives on the strength of the admit passes issued for a particular area/place is against security rules and contravention of Public Security Act. Purchasers are advised to enforce this requirement strictly and restrict the movement in the places/area specified in the admit passes. Non-observance of precautions and with these rules under the Security Act is punishable and will entail prosecution under the public security act, which may please be noted and also notified to the staff of the purchaser and his workers. In case of necessity to proceed to an area other than the noted area in the admit passes, it is invariably necessary to get new area added in the admit passes by the office of issue. Any breach in the enforcement of the safe custody and improper use of the passes would entail termination of the sale at any stage at the risk and cost of the purchaser.

The Purchaser will ensure that all admit/ entry passes issued to him/ his representative, labour or workmen engaged by his subcontractors are surrendered to the issuing authority after completion of the execution of sale. The Purchaser will be fully responsible for any misuse of such passes. The passes so issued should be produced on demand to the CISF or the Executing Agency or any officer representing the Company.

30. COMPLIANCE OF LABOUR LAWS/SAFETY RULES:

30.1 During the period the purchaser's workers are employed within the Jagdishpur Steel Unit premises, the labour laws and rules, Factory Acts and Rules and Jagdishpur Unit (JSU) Safety/Security rules as applicable will govern them. It shall be the responsibility of the purchaser to see that the statutory provisions are complied with fully. The H1 bidder will need to ensure ECIS, EPF and Labor License registration. Also Police Verification of the laborers employed will need to be done. The purchaser needs to take care of Insurance for Workmen Compensation and Group Personal Accident (GPA) Insurance for its officers.

30.2 In the event of any violation of the rules / norms, if JSU suffered loss or is saddled with any liability due to breach of contract, the purchaser shall make good the loss and shall be liable for payment of Compensation/Damages and shall indemnify SAIL-JSU/RSP against any claim/order/direction of any court/statutory authority, subject to realization of total compensation that may be quantified, SAIL shall recover/withhold ad hoc amount on the aforesaid score. In this regard the purchaser needs to submit an indemnity bond, indemnifying SAIL as a whole.

30.3 The purchaser shall provide and ensure proper use of safety appliances by his personnel. He shall be liable for any damages or compensation payable in respect of or in consequence of any accident or injury of the personnel employed by the purchaser or his sub-contractor. The purchaser shall at all times indemnify SAIL against all claims, or compensation under the provision of Workman's Compensation Act, 1923 or any other Law for the time being in force.

30.4 The purchaser shall arrange for necessary manpower and transport/handling equipment. He shall also be responsible for the safe and good conduct of his personnel. He and his personnel/ workmen engaged by him directly or under sub-contract shall not at any time be regarded as the employee of SAIL. The purchaser has to get himself registered with the local labour commissioner and obtain license for their subcontractor under Contract Labour Regulation & Abolition (Act) 1970.

30.5 Indemnification of SAIL by the purchase. It shall be the responsibility of the purchaser for effecting necessary insurance under the Workmen's Compensation Act, 1923, Third Party Liability Insurance or any other insurance in accordance with the relevant laws and regulations, at his own cost.

30.6 SAIL shall not be responsible for any damage to the trucks/trailers/other handling equipments etc. suffered by the purchaser while executing the contract. The purchaser in his own interest shall obtain suitable and sufficient cover from underwriters and the Company shall entertain no claim/correspondence on this account.

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30.7 The purchaser shall conform in all respects with the provisions of any statute, ordinance or laws and the rules, regulations, bye laws of any local or other duly constituted authority which may be applicable in carrying out the contract. The purchaser shall assume responsibility for and shall indemnify and save SAIL-JSU/RSP & the Company of all liabilities, claims, costs, expenses, attorney's fees and Court Costs, which are or may be required with respect to any breach of any statute, ordinance, laws, rules, and regulations or for which the purchaser has assumed responsibility under the Contract.

30.8 The purchaser shall be fully responsible, in case any personnel employed by / accompanying him or his representative is apprehended in a theft case or any unauthorized act or movement of goods or in any activity not authorized by JSU and which is punishable under law.

30.9 If the purchaser/or his representative or the labour engaged by him, is found indulging in any unfair practice within the plant premises during lifting of the material, the entire deposit of the purchaser will be forfeited & the purchaser will be banned from having business dealings with the Auctioneer and / or SAIL RSP for a period to be decided by RSP.

30.10 The purchaser has to submit DLC Registration Certificate and has to complete the internal formalities for Safety Protocol where his representative shall be a signatory. After signing this Safety Protocol, purchaser has to submit a request letter for dismantling of the equipments

31. SAFETY NORMS (TO BE STRICTLY ADHERED)

31.1 Safety training will be imparted to the employees engaged by the purchaser or his agent by the Safety Engineering Department of JSU. No employee of the purchaser or his agent should be engaged in any job/activity related to the sale/purchase of assets without undergoing safety training by the Safety Engg Depts., JSU. The Purchaser should submit safety training application to the concerned officer at JSU which shall be forwarded to the Safety Department(JSU) as per procedure for arranging safety training

31.2 A separately designated Safety Supervisor should be appointed by the Purchaser to coordinate with concerned agencies during dismantling, loading/unloading jobs. He will be responsible for continuous safety supervision till completion of sale.

31.3 The purchaser must strictly adhere to the safety protocol drawn up, duly approved by an officer in the rank of GM of concerned department & signed by his safety supervisor, Technical officer/co-coordinating officer of owner department, & representatives of other related agencies

31.4 The plan for dismantling/disposal prepared on the basis of sale order should be submitted by the Purchaser to the Technical officer of the department before starting dismantling work.

31.5 The approach and methodology of any gas-cutting job must be discussed by the safety supervisor nominated by the purchaser with the technical officer/coordinator of the concerned department and such job started after obtaining the latter's approval.

31.6 The plan for cutting and welding jobs should be intimated by the purchaser two days in advance to the Technical officer of the department so that he can undertake essential steps for adhering to safety procedures and give safety clearance in time.

31.7 The Purchaser will ensure that daily site clearance in writing is obtained from the Technical officer of the owning department before starting the job.

31.8 The purchaser should get safety permits issued. This will be arranged by the technical officer after necessary tests. Gas cutting and welding jobs should be done by the purchaser after obtaining safety permits.

31.9 The safety permit should be renewed on daily basis as long as cutting job continues to be ensured by the purchaser and the Technical officer of the concerned department.

31.10 Gas cutting and welding is to be carried out by competent persons engaged by the purchaser after getting safety permit from the concerned department.

31.11 Dumping of material from height is prohibited. Material should be lowered after cordoning the area by using red flags.

31.12 The purchaser will ensure regular supervision through his safety supervisor on all safety aspects of job with assistance of the Technical officer and Safety department. Regular site inspection will be done by the concerned department and safety-engineering department for identifying unsafe conditions/unsafe acts or any other safety violation. Purchaser will take immediate steps to remove such unsafe conditions and stop unsafe acts, if detected and take adequate safety measures.

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31.13 Safety department will communicate safety violations if any on regular basis to Marketing department. Safety violations will be communicated to the purchaser by the Marketing department and purchaser will be liable for penal actions.

31.14 The purchaser will be issued a warning letter on first time violation not amounting to any injury to personnel or machineries or resulting in any accident out of such negligence. Thereafter, the purchaser will be liable for penalty payment for similar safety norm violation amounting to Rs 3000/- for the second instance, Rs 5000/- for the third instance and Rs 10,000/- for the fourth and subsequent instances. In case of any major accident, penalty will be decided jointly by RSP and JSU and may attract forfeiture of security deposit. In case of repeated and continuous safety violation, despite warning/levy of penalty or other penal action taken against the purchaser by JSU/RSP, SAIL will reserve the right to stop the dismantling or other jobs related to sale with immediate effect and foreclose the contract for sale without any further reference to the purchaser and the previous warnings/ penal actions taken/ penalties levied will be deemed sufficient notice to the purchaser for effecting such foreclosure of contract in the interest of safety.

31.15 Notwithstanding the above, the purchaser will be fully responsible for the safety of the contractor / worker engaged for the job by him

32. RECOVERY OF DUES

Any sum of money due and payable to the purchaser (including security deposit returnable to him under the contract) may be appropriated by RSP/JSU, or Government or any other person or persons including other Steel plants under SAIL and adjusted against any claim of Government or such other person or persons including other Steel Plants under SAIL for the payment of the sum of money arising out of or under any other contract / tender / FA made by the purchaser / tenderer / bidder with RSP/JSU or Government or such other persons or person including other Steel Plants under the SAIL.

33. PAYMENT OF INTEREST

No interest will be paid on the amount paid by the purchaser and subsequently found re-fundable under any of the condition mentioned herein.

34. ILLEGAL GRATIFICATION

Any bribes, commission, gifts or advantage given, promised or offered by or on behalf of the bidder / purchaser or his partner, agent or servant or any one on their behalf to any officer, servant, Representative or agent of the company, CISF, or any person on their behalf in relation to the obtaining or to the execution of this or any other contract with the company (SAIL) for showing or for bearing to show favour or disfavour to any person in relation to this or any other contract as aforesaid, shall subject the Purchaser/Bidder to the cancellation of the bid/contract & also to the payment of any loss or damage resulting from any such cancellation to the like extent.

35.0 CONCILIATION

Notwithstanding the provision for resolution of difference and disputes through Arbitration, the parties may refer the dispute/difference to conciliator to explore possibility of an amicable settlement before resorting to Arbitration. On request of either side conciliator may be appointed in the same manner like that of Arbitrator.

36. ARBITRATION

- "In the event of any dispute or difference arising under or out of contract, the same shall be referred to the sole arbitration of any person nominated by the CEO, SAIL, Rourkela Steel Plant (RSP) which expression shall mean and include the Chief Executive of Rourkela Steel Plant by whatever name designated. It is further agreed as a term of this agreement that in the event the appointed Arbitrator to whom the dispute and differences has been originally referred is transferred or becomes unwilling or is otherwise becoming unable to act or becomes incapable of acting as such, CEO shall be entitled to appoint any person afresh to act as Arbitrator in accordance with this Agreement and such Arbitrator shall be entitled to proceed with the reference from the stage at which it was left by the previous Arbitrator. The award of such Arbitrator shall be final and binding on the parties to this Agreement.
- It is also a term of the agreement that the Authority to appoint/nominate Arbitrator(s) under this agreement vests exclusively in the CEO and no person other than the Arbitrator nominated by the CEO would be competent to act as Arbitrator under this agreement.
- Subject to the aforesaid, the provision of Indian Arbitration and Conciliation Act, 1996 and the rules made thereunder or thereto by statutory modification or modifications thereof shall govern all such arbitration proceedings and shall be deemed to have been incorporated in this Contract.

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- Supply of materials, chattels, etc., or any work under the contract shall, if reasonably possible, continue during the Arbitration proceedings and no payment due to or payable by Purchaser/contractor shall be withheld on account of such proceedings. The cost of the Arbitration Proceeding shall be equally borne by the parties to the Agreement.
- All sittings of the Arbitrator shall take place at (place of the plant/unit awarding the contract). It is a term of this agreement that notwithstanding the manner in which the agreement has been reached, this agreement shall be deemed to have been formed entirely at place of the plant/unit awarding the contract). All kinds of Legal proceedings under the Indian Arbitration and conciliation Act and all other laws governing this agreement and matter/disputes arising thereunder, shall be cognizable and triable only in the appropriate Court exercising territorial jurisdiction over Rourkela Steel Plant.

37. PLACE FOR LEGAL PROCEEDINGS :

The Contract shall be deemed to have been entered into by Rourkela Steel Plant and all cause of action therefore be deemed to have been arisen at Rourkela irrespective of the location of the Head or Branch Offices of SAIL or the Purchaser/Contractor. All kinds of legal proceedings against SAIL, Purchaser/Contractor in any matter arising out of the contract shall be triable only by the appropriate Court exercising territorial jurisdiction over Rourkela Steel Plant, Dist.Sundargarh, Odisha.

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ANNEXURE G: Eligibility Criteria and Special Technical Terms & Conditions for dismantling and disposal of JSU IDLE ASSETS

CONTENTS - CHAPTERS

Chapter No.	Description
1	ELIGIBILITY CRITERIA for Dismantling & Disposal of Idle Asset of Jagdishpur SAIL Unit
2	Plant Location and Infrastructural Facilities
3	Existing Technological Facilities and its Present Status
4	Existing Service Facilities and its Present Status
5	General Procedures / Instructions for Dismantling of Plant & Machinery
	Annexure I –List of assets

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1. ELIGIBILITY CRITERIA for Dismantling & Disposal of Idle Asset of Jagdishpur SAIL Unit .

Bidder should fulfill the following eligibility criteria:

1. The bidder (sole or consortium) should have carried out Dismantling / Erection of any unit / structure in Steel Plant / Power Plant/ Metal Industry/ Oil and Gas Industry in India, with experience of dismantling minimum 8000 T in a single order, in the past 10years, as on the date of Notice .

Copies of following documents as evidence of compliance against the above job shall be submitted by the bidder in support of the above.

- (i) Work order or any other letter of award of work or contract document or purchase order issued by the client.
 - (ii) Commissioning Certificate or Performance Certificate or Job Completion Certificate or Final acceptance Certificate for the same job as above, issued by the client with details of total tonnage dismantled.
2. In case the bidder is in a consortium (having maximum 3 parties allowed), wherein one or more of the consortium members, either individually or together, fulfill the criteria of para-1 above, the responsibility of dismantling & disposal work should be taken up by the respective members in the responsibility matrix .




Copies of the following documents showing experience as per the responsibility matrix for each member of the consortium for the above job, as applicable, should be submitted by the bidder in support of the above ;

- (i) Memorandum of Agreement and Responsibility Matrix.
 - (ii) Work order or any other letter of award of work or contract document or purchase order issued by the client .
 - (iii) Commissioning Certificate or Performance Certificate or Completion Certificate or Final acceptance Certificate issued by the client.
3. The average annual turnover of the bidder(s) during the last three consecutive financial years ending 31st March 2019 should be at least Rs. 75 Crore (rupees Seventy Five Crore Only).

In case bidder being consortium, the average annual financial turnover of each individual member of the consortium during the last three consecutive financial years ending 31st March 2019 should not be less than Rs. 20 Crore (rupees Twenty Crore Only). However, the total annual financial turnover of the consortium (taken together for all the consortium members-maximum members 3 allowed) during the last three consecutive financial years ending 31st March 2019 should not be less than Rs. 75 Crore (rupees Seventy Five Crore Only).

Copies of following documents as evidence of financial compliance shall be submitted by the bidder

1. Bidder to submit audited Profit and Loss account and balance sheet statement for the three financial years. In case of consortium the same needs to be submitted for all the members.
 2. The bidder also needs to submit solvency certificate from their bank for Rs 100 Crs.
 3. Copy of GST registration certificate and proof of latest GST return filled.
4. All documents submitted shall be notarized.

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2. PLANT LOCATION AND INFRASTRUCTURAL FACILITIES

a. Plant location

SAIL, Jagdishpur erstwhile M/s Malvika Steel Ltd. is located in Jagdishpur Industrial Area of Uttar Pradesh State Industrial Development Corporation (UPSIDC) in the Amethi district, U.P. Nearest major cities are Lucknow and Sultanpur and are about 76 km and 78 km respectively. Nearest town is Jagdishpur which is 9 km.

Total site area of about 740 acre is bounded by Sindurwa distributary on the north west and north, Sobhminor canal (which cuts across the site) on the east and Northern Railway BG line on the south. The terrain of the land is almost flat, but the shape of the plot is irregular due to the existing physical features.

Infrastructural facilities

Water supply

The main source of water for the plant is river Gomti flowing at a distance of about 15 km to the north east of the plant site. Gomti river is a perennial water body. At Sathin ghat of Gomti river near Sathin village, an intake point has been identified and area for same was acquired by the plant. A part of civil work of intake well is already completed. At a distance of about 2 km towards east of intake well about 6 acre of area had been procured for setting up water treatment plant. It has been reported that there was a planning to connect water treatment plant to intake well through openly laid MS pipes and then steel plant to water treatment plant through underground cemented pipes and both type of the pipes were procured. The planning was evident through presence of civil support structure for carrying water through MS pipeline for about 0.5 km from intake well at an interval of about 10 m. Though MS pipes were not found at site but cemented pipes, about 1m in dia. and 1000 in Nos., were found to be laid all along the road connecting sathin village to NH-56 at a distance of about 10 km. It has also been reported that right of way is to be acquired for laying the pipeline.

It is noteworthy to mention here that another water supply underground pipeline of M/s Indo-Gulf fertilizers (India) Limited (IGFL) is presently laid parallel to the path planned for erstwhile M/s Malvika Steel Limited. The plant location of IGFL is about 2 km from the steel plant location and the intake well are also very much nearby. The path selected for laying pipeline is completely agricultural land but after laying the pipeline agriculture can be resumed as it was observed with the IGFL pipeline.

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Power

Erstwhile M/s Malvika Steel Ltd. had developed one substation for 220/33 kV power connection. The plant was connected with 33 kV substation of UPSIB near the site to cater the load requirement of the existing blast furnaces and their allied facilities during 1997-98 and it was reported that 220 kV line connection was under progress before closure of plant. It was also evident from provision for 220kV substation. The substation consists of 2x 40 MW transformers and required auxiliary equipments. There are no wire/cables of any kind nor any panels in the yard. Only insulators are still standing at its place. The control room building is totally empty.

There had been provision of DG power supply. There was one DG building comprising three DG sets each of 2.6 MW capacity. All the smaller parts of the DG sets were stolen and only skeleton is left. The control room is also left with only control panel bodies.

Railways

The site is well connected by railways. The Lucknow-Sultanpur BG section of Northern Railway runs across the site dividing total site area into township area and plant proper area in such a way that railway line is on the southern side of plant proper area. The Sindurwa railway station is adjacent to the site in the south-east side. Railway siding is provided from above railway station to the plant. At present, the plant boundary and railway station are separated by a gate over railway line siding. Railway line siding is in good condition except it is broken at two/three places within plant premises.

Road

National highway and state highway- National highway No. 56 passes adjacent to southern side of the site parallel to 1 km distant railway line as mentioned above. State highway No. 34 passes by the western side of the site and cuts NH-56 near the entrance of the side of the township from national highway and cuts railway line near entrance side of plant proper.

In-plant roads- Erstwhile M/s Malvika Steel Limited have developed few roads within plant proper and township. But as on date, roads in the plant proper are almost non-existent whereas 'Pakka' road in the township is damaged. Only one road connecting the new rolling mill complex is maintained.

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Township

A township with guest house, school, health center, police station, temple and other social amenities was under development at the time of closure of the plant. At present, the township is in poor and untidy condition. There are number of buildings of various floor levels and different area. Except few buildings the doors and windows of all the buildings were stolen.

3. EXISTING TECHNOLOGICAL FACILITIES AND ITS PRESENT STATUS

a. General

In pursuit of an ambitious plan to install a BF-BOF route based integrated steel plant, erstwhile M/s Malvika Steel Limited had set up and operated an ironmaking complex comprising two 350 m³ blast furnaces, two pig casting machines (one of 1200 t/d capacity and the other of 1280 t/d capacity), raw material handling and storage facilities and associated auxiliary facilities in 1995/96 for production of foundry grade pig iron for sale in the market under stage-I of the project. As they embarked on stage-II of the project comprising downstream facilities like steelmaking, ladle refining, continuous casting and rolling mill, they had to suspend the work of procurement and installation during late 1998 / early 1999 due to cost and time overruns, fund crunch and other commercial reasons. Since then the plant facilities were left without any maintenance and protection. As a result heavy loss was incurred on equipments, all control units, small weight machineries, plant vehicles, buildings, etc.

As on date, the following technological facilities are present in damaged/ partly damaged/ incomplete conditions.

Table 03.01

List of envisaged/existing technological facilities (of erstwhile M/s Malvika Steel Ltd)

Sl. No.	Technological area	Facilities
1.	Ironmaking	Sinter plant Blast furnace Pig casting machine
2.	Steelmaking	Hot metal mixer Basic oxygen converter Ladle refining station
3.	Casting	Billet caster

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Sinter plant

One 56 m² sinter plant had been envisaged by erstwhile MSL. But on site observation indicate that work for setting up sinter plant would have just started at the time of closure of steel plant as any kind of civil or structural was not found for sinter machine nor any kind of equipment was seen anywhere else in the plant related to sinter plant. Only few bins were erected on structural support. Presently it is in heavily damaged condition due to weathering.

The area identified as Sinter Plant has only one partially erected structural bay with few bunkers erected and few bunkers scattered on the ground. This has been identified as partly erected Proportioning building of the Sinter plant which is presently in dilapidated condition. Except the above, no other civil/structural/equipment work was observed at site which indicates that the 56 m² sinter plant envisaged by erstwhile MSL was not erected at the time of closure of the steel plant.



Sinter Plant Area

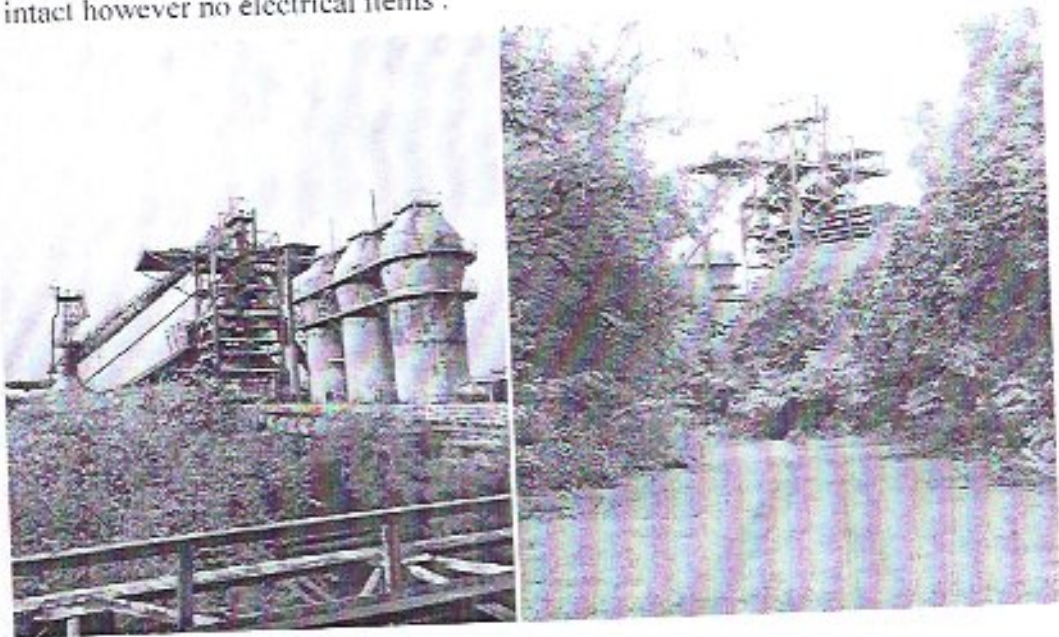
Blast furnace complex

M/s Malvika Steel Limited (MSL) had set up and operated an Iron making complex consisting of two 350 m³ blast furnace, two pig casting machines (each of capacity approx 1200 t/day), raw material handling and storage facilities and associated auxiliary facilities in 1995/96 for production of foundry grade pig iron for sale in the market under stage-I of the project. Blast furnaces and Pig Casting Machines were the only technological units that were ever operated in erstwhile MSL. Blast furnace complex comprises two blast furnace of 350 m³ each with separate cast house, Stoves, gas cleaning plant and stock house for each furnace. Waste gas chimney and BF gas flare stack is common for both the furnace.

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BF#2
Blast Furnace proper

Blast furnace shell for BF# 2 was found intact and rusted at major portion. Tuyere and Tuyere cooler were found missing. Blow pipes were dismantled and lying on the cast house. Top Charging System is of double bell system which is completely in damaged condition. Furnace Bleeder valves, Pressure equalising valve and relief valve were found installed in BF#2 but in rusted condition. Blast furnaces were having stove coolers from Hearth up to middle stack. The condition of the staves cannot be judged due to inaccessibility. Throat armour plates were installed but most of the plates were damaged. Blast furnace was designed with four offtake, two uptake and one downcommer which were found installed at its position. Outrigger crane was found installed. Structural frame was intact however no electrical items .



Cast House

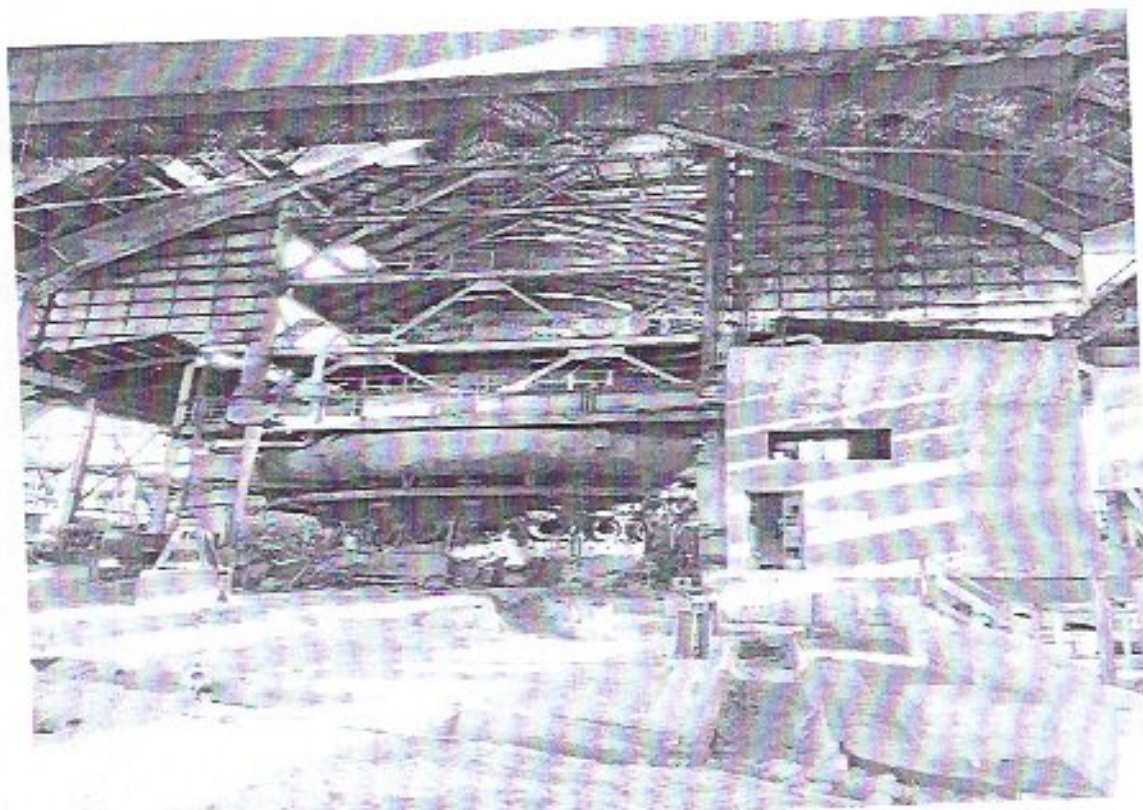
Blast furnace is provided with single cast house with one tap hole and open runner system. Both the mud gun and drill machine were found in damaged condition. Steel shell of runners was present however refractory lining was completely damaged.

Cast house building is of steel construction of size approx (30 m x 20m x 24m height) with EOT crane. The capacity of EOT crane was not visible from cast house floor. No electrical equipment can be seen from below, however structural girder and frame was available at its place.

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Hot Blast Stoves

Hot Blast Stove complex consisting of 3 internal combustion type stoves and chimney (Common for Stove complex 1 and Stove complex 2) were installed at site for catering Hot Blast to Blast Furnace. Pipeline for waste gas main, Hot Blast main, Bustle main, Combustion Air main, BF gas main, gas bleeder pipe and back draft pipe were found in installed condition. Hydraulic cylinders and electrical actuators in most of the valves seen were missing. Due to inaccessibility at site, combustion air fan area could not be visited.

Dust Catcher and GCP

Dust catcher and GCP were found installed however due to inaccessibility at site, the GCP area could not be visited.

Pig Casting Machine (Common for BF 1 and BF 2)

Two number of double strand pig casting machine were found at site for casting of hot metal to pig iron. The PCM machine was installed on civil columns with structural shed. Sprocket was found both at pouring and discharge end but in completely rusted condition. Motor and gearbox were found missing. No rollers were found, only some small piece of chain links were lying there.

Pouring end building/LRS shop was made up of structural steel of size approx 90 m length, 20 m span and 25 m height. Two numbers EOT crane girder were found installed but any electrical items could not be seen from below. In Pig yard two number of magnetic crane were found. Only structural girder was there and no electrical items were found. Eight (8) number of wagons were found in the discharge end building.

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Pig Casting Machine Area

Ladles

Eight numbers of Hot metal open top ladle along with car were found inside the Pouring end/LRS shop. Two numbers Locomotive frame completely damaged condition was lying near PCM.

BF#1:

Blast Furnace proper

BF 1 platforms were inaccessible due to presence of bushes and porcupines in that area, so the weight of equipments, as available in BF 2 have been assumed for BF 1. Since no drawings/documents was available, the weight of equipments has been assessed based on our experience and standard weight of equipments of similar capacity MECON designed blast furnace.

Blast furnace shell for BF#1 was found intact and rusted at major portion. Tuyere and Tuyere cooler were found missing. Blow pipes were not erected. Blast furnaces were having stove coolers from Hearth up to middle stack. The condition of the staves cannot be judged due to inaccessibility. Blast furnace was designed with four off-take, two uptake and one down-comer which were found installed at its position.

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Cast House

Cast house for BF# 1 was found similar to BF # 2.

Hot Blast Stove complex

Hot Blast Stove complex for BF # 1 was found similar to BF#2

Dust Catcher and GCP

Dust catcher and GCP platforms were inaccessible due to presence of large bushes so the area could not be visited.

Dust catcher and GCP for BF#1 was found similar to BF#2

STEEL MAKING SHOP (SMS)

Introduction

The Steel Melt Shop of SAIL Jagdishpur Unit (erstwhile M/s Malvika Steel Ltd.) was envisaged under Phase-II expansion with the following Steel Making and Casting Facilities with auxiliaries:

- Basic Oxygen Converters, 2 x 55 t
- Hot Metal Mixer, 1 x 600 t
- Ladle Refining Furnace, 1 no.
- Argon Rinsing Stations, 2nos
- Continuous Casting Plant, 2 x 4 Strand Billet Casters

The approx. production capacity of SMS shop was envisaged as 7,55,000 TPA of Liquid Steel and 7,36,000 TPA of Crude Steel in the form of Cast Billets for the downstream bar and rod mill and for sale as semis.

During the site visit, it has been observed that the SMS shop with auxiliary facilities have been partially erected in the year 1995-96. After passing 23 years i.e. in 2019, the equipment has been rusted and facilities are damaged and mostly become the scrap. The project was abandoned in mid-way due to project time and cost overruns.

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The existing SMS shop consists of following six (6) bays & other ancillary structures

- Billet Bay (AB bay)
- Continuous Casting Bay (BC bay)
- Steel Receiving Bay (CD bay)
- Furnace Bay (DE bay)
- Charging Bay (EF bay)
- Ladle Maintenance Bay (EF bay)
- Slag Yard Bay (KL Bay)

Other Structures

- Ferro Alloy Building
- Material Receipt Section
- Billet Charging Bay

DETAILS OF FACILITIES IN STEEL MAKING SHOP:

A. Billet Bay (AB Bay):

In AB bay (building size approx. 258 m x 36 m x 16 m) was initially planned for billet storage yard. The cooling bed for the caster has been erected partially and found rusty at the site.

As informed by SAIL JSU officials, that a new project for TMT Bar Rolling Mills Plant cum Crash Barrier Plant and Sheet Corrugation Machine was installed and could be located in AB and partly in BC bays and therefore the structures is not to be considered as idle assets evaluation. The cranes required for the project have been installed and running in same bays.



Caster Cooling Bed

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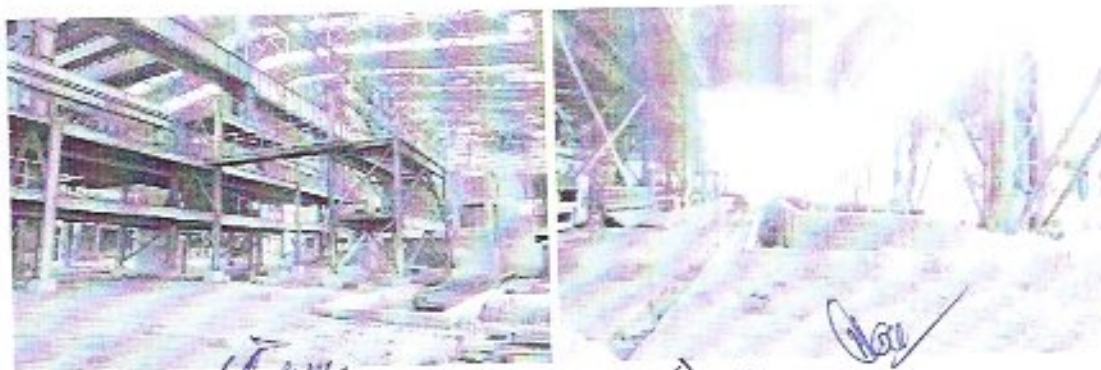


AB bay used in the Billet Storage and Reheating Furnace for Billets

B. Continuous Casting Bay (BC Bay):

In BC bay (building size approx. 258 m x 27 m x 21 m) was initially planned for billet caster. The mechanical equipment for the caster has been erected partially.

In the CCP shop, only the main casting platform with tundish car support structure and part of the run out roller table and turn-over cooling bed could be located. Critical equipments / facilities for 2x4 strand billet casters such as ladle turret, mould, roller apron, tundish cars, tundish pre-heaters have not been erected and could not be located at site and storage area / stores. However, civil foundations for the 2nd 1x4 strand billet caster proper, run out and discharge area equipments and scale flume could be located at site indicating that construction work was on progress at the time of closure of the project. BC bay (building size approx. 120 m x 30 m x 15 m) is also used for facilities for TMT Bar Rolling Mills Plant cum Crash Barrier Plant.



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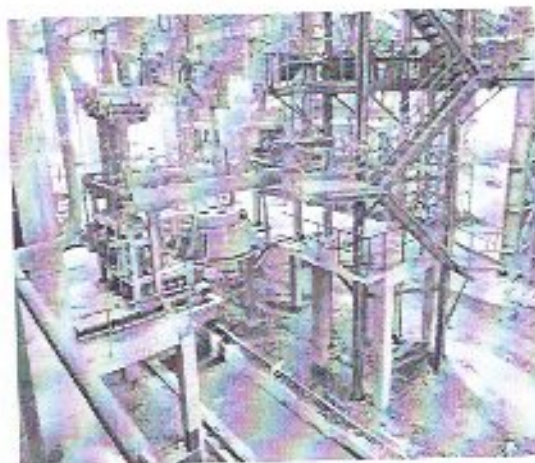
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C. Steel Receiving Bay (CD Bay)

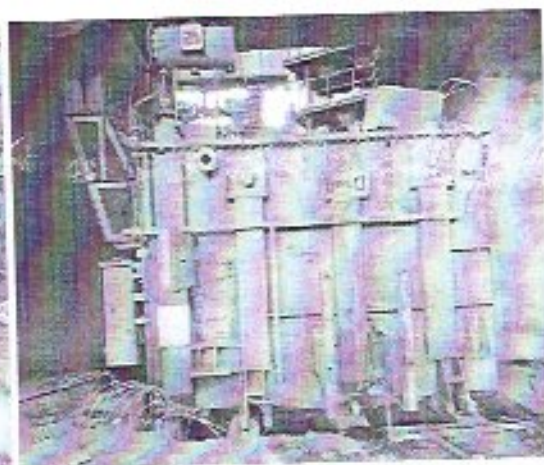
In CD bay (building size approx. 258 m x 24 m x 30 m) was initially planned for Steel receiving for secondary refining facilities like Argon Rinsing Station and Ladle Furnace.

The **Argon Rinsing Stations (2 nos.)** comprise of argon storage stands and related technological structure were found in CD Bay in rusted condition. The argon storage tanks can be made workable after undergoing minor repair work as only the outer part is rusted. The mechanical equipment was not found at the site except technological structures. The erection of mechanical equipment was incomplete in ARS.

The **Ladle refining station (Danieli make) (1no)** appears to be in very bad condition. The mechanical equipment for ladle furnace like the hood, electrode arm assembly, technological structures, bins in FAFA Building etc. are badly damaged and rusted & broken. One number EMCO make transformer of rating 10 MVA was also found in very bad condition at Ladle Furnace electrical building. Two numbers (2nos) of steel ladle transfer cars were also found in rusted condition for Ladle Furnace.



Ladle Furnace



Transformer (10MVA)

D. Furnace Bay (DE Bay)

In DE bay (building size approx. 228 m x 13 m x 55 m) was initially planned for furnace bay. Two nos. of **55 t capacity BOFs** could be located in DE bay with their respective part of converter gas cooling, bulk material storage and charging system, Ferro alloy storage and charging facilities etc.

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A working platform at a level of approx. +7m was provided covering the Converter and charging bays of the BOF Shop.

Platforms at various levels had been envisaged in the bays to have access to various equipment and installations provided in the bays, including access staircases to link up these platforms.

Condition of Converter Shell

The BOF Converter shell appeared to be in rusted condition and can be reused after carrying out major repair work. However the actual condition of the drive system could not be ascertained and as per visual observation, the same can be used after carrying out major overhauling and revisioning work. The converter pedestal with anchorage is found in rusted condition and can be reused after major revisioning work.

Condition of Primary/Secondary De-dusting System

The water cooled stack has been observed in erected condition and the internal damage within it could not be ascertained. Primary gas cleaning system with venturi scrubber which was common for both converters was found in rusted condition and requires major revisioning work before reuse. De-dusting duct could be located within the battery limit of BOF shop.

The complete dog house for secondary de-dusting is missing.

Balance Facilities

The balance facilities e.g. lancing system, hood car, were found to be missing. The BOF platforms with supporting columns along with bulk material handling system and supporting structures including ferro alloy charging system has been observed in rusted condition.

One no. converter cooling stack side end for 3rd converter was found lying in rusted condition on BOF working platform. Similarly one no. converter bottom was also found lying in CD bay in virgin condition. On top of the converter building, 2 nos. of steam drums of Thermal Systems make were found which can be reused after carrying out major revisioning work. There were 3 nos. of chimneys installed for flaring of BOF gas. Chimneys were in rusted condition but can be used after carrying out major repair work. Provision was also kept for future installation of 3rd converter.

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55Ton Converter



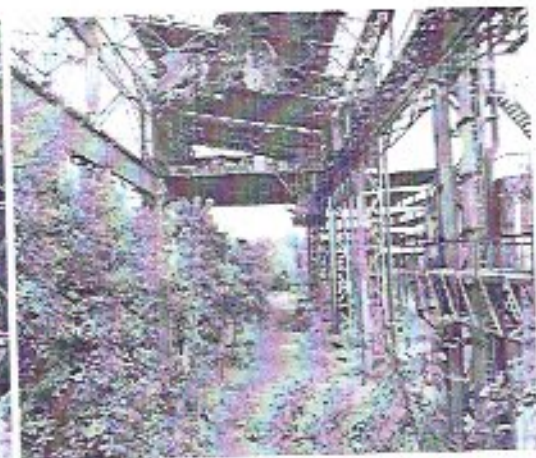
BOF Platform

HM Charging Bay (EF Bay)

In EF bay (building size approx. 258 m x 24 m x 30 m) was initially planned for Hot Metal receiving bay. The 600 t Mixer shell appears to be in good condition and can be made workable with major revisioning work. However, the condition of refractory lining and accessories like drive system, tilting system could not be ascertained and may require major revisioning work.



600Ton Mixer



HM Charging Bay

Material Receipt Section (FJ Bay)

The structural building (building size approx. 36 m x 13 m x 30 m) could be seen in the material receipt section. The crane and other handling facilities are found in rusted condition.

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Slag Bay (KL Bay)

The slag bay (KL bay of building size approx. 144 m x 21 m x 15 m) was initially planned for Slag disposal from slag pot transfer car. The two (2nos) of slag pot transfer cars from Converter and one return steel ladle transfer car track is connected to slag yard



Slag Pot Transfer Car



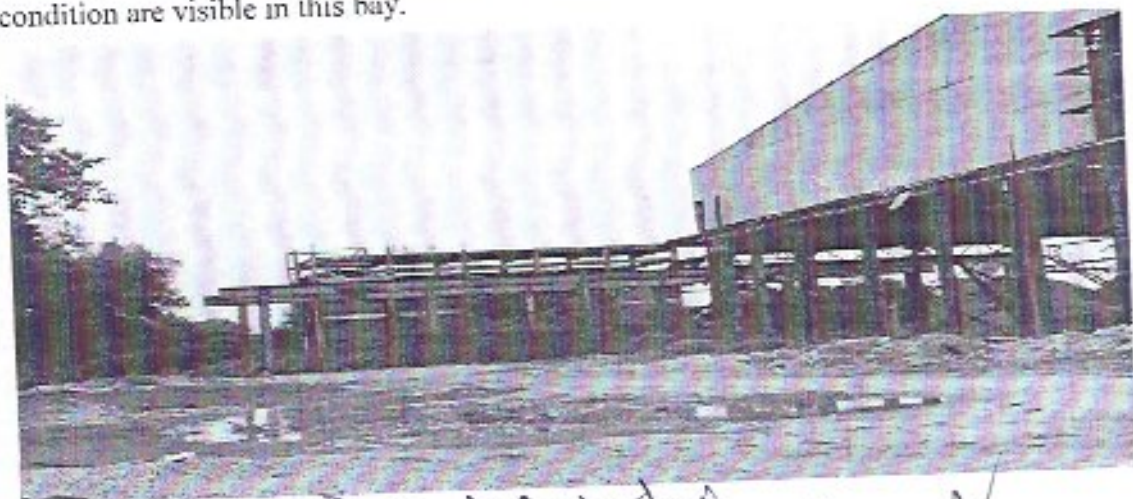
Slag yard

Ferro Alloy Building

Besides slag yard Ferro Alloy Building of size 54mx18mx14m (approx) could be observed as very rusty and in bad condition and covered from the trees. The Ferro Alloy building could be located but out of approach as there was lack of accessibility to reach the Ferro Alloy Plant.

Billet Charging (PQ) Bay

The PQ bay could be located near AB bay. Only structure and one crane in rusted condition are visible in this bay.



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List of Equipment with details

The break-up of various SMS related equipments / facilities along with estimated tonnage and present equipment condition is detailed in the table hereunder:

A. Equipment requiring dismantling but in workable condition with minor / major revisioning and repair work but not usable by SAIL-Jagdishpur

Sl. No.	Equipment Description	Qty (In nos.)	Tonnage (tons)	Level
1.	Argon storage tanks	2	20	Approx. +5.0 m
2.	Roller table in run out area	1	5	Shop floor
3.	LDO tank	1	2	Shop floor
4.	Steam drum	2	20	Top of converter building
5.	Chimney for LD gas flaring	3	21	Outside SMS shop

B. Equipment requiring dismantling but in rusted / scrap condition

Sl. No.	Equipment Description	Qty (In nos.)	Tonnage (tons)	Level
1.	BOF Platforms with supporting columns along with bulk material handling system and it's supporting structures	1 lot	490	Various levels 0.00 to top of conveyor feeding level
2.	BOF cooling stack	2 lots	40	Approx. 30.0 m
3.	Primary gas cleaning system with scrubber	1 lot	150	Different levels from +7.0 m to top of converter building
4.	Bulk material and ferro alloy charging system for converters	2 lots	215	Approx. 30.0 m
5.	Rails for slag pot transfer car	1 lot	10	Shop floor
6.	Argon Rinsing Station working platform along-with stairs	1 lot	40	Approx. +5.0 m
7.	Ladle Refining station working platform	1 lot	75	Approx. 8.0 m

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Sl. No.	Equipment Description	Qty (In nos.)	Tonnage (tons)	Level
8.	Ferro alloy charging system for LRS along with water cooled LRS hood	1 lot	12	Approx. 15.0 m
9.	Rails for steel ladle transfer car	1 lot	25	Shop floor
10.	Casting platform for billet caster including intermediate platform, dummy bar storage platform, casting platform structural columns and supporting structures	1 lot	101	Approx. +9.0 m
11.	Support structures and rails for tundish cars on casting platform	1 lot	25	Approx. 9.0 m

C. Equipment not requiring dismantling but in workable condition with major revisioning and repair work but not usable by SAIL-Jagdishpur

Sl. No.	Equipment Description	Qty	Tonnage (tons)	Level
1.	600 t hot metal mixer with all accessories	1 no.	250	Approx. 7.0 m
2.	55 t capacity converter shell with accessories	2 nos.	235	Approx. 12.0 m
3.	Converter bottom	1 no.	15	Shop floor in CID bay
4.	Converter cooling stack side end	1 no.	15	BOF platform at approx. +7.0 m
5.	Converter tilting drive with bearing and housing	2 nos	83	Approx. 12.0 m
6.	Converter pedestal with anchorage	2 sets	27	Fixed on pedestal foundation
7.	Rails for crop end and sample collecting car	1 lot	2	Approx. -0.5 m
8.	Crop end and sample collecting car	4 nos.	0.2	Approx. -0.5 m
9.	Structure for turn over cooling bed	1 lot	45	Approx. -0.5 m

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Sl. No.	Equipment Description	Qty	Tonnage (tons)	Level
1	Hot metal ladle	3 nos.	33	2 nos. lying in slag yard and 1 no. in DE bay at Shop floor
12	Slag pot	3 nos.	21	2 nos. placed on slag pot transfer car and 4 nos. lying in slag yard at shop floor
13	Steel ladle	10 nos.	180	4 nos. in DE bay and 6 nos. in slag yard on shop floor
14	Tundish without refractory lining	5 nos.	25	2 nos. in BC bay & 3 nos. in CD bay on Shop floor
15	Overflow box without refractory lining	1 no.	1	in CD bay on Shop floor
16	Induction motor (BHEL make, 3750 kW, 2987 rpm, model S-325 with terminal panel broken)	1 no.	11	in EF bay at shop floor
17	Heat exchanger for induction motor	1 no.	6	in EF bay at shop floor
18	Vessel	1 no.	5	in EF bay at shop floor
19	Tank	4 nos.	3	in DE bay at shop floor

D. Equipment not requiring dismantling but in rusted / scrap condition

S. No.	Equipment Description	Qty	Tonnage (tons)	Level
1.	Slag pot transfer car	2 nos.	41	Shop floor
2.	Steel ladle transfer car	2 nos.	60	Shop floor
3.	Steel ladle transfer car for Ladle Furnace	2 nos.	60	Shop floor
4.	Tundish car support structure on casting platform	2 nos.	25	Approx. 9.0 m
5.	Muck box transfer car	1 no.	10	Shop floor
6.	Billet transfer car	1 no.	10	In slag yard at shop floor

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7.	Transformer	5 nos	7	Approx. +1.0 m in LTSS building
8.	Cable tray	1 lot	5	In LTSS building

E. Summary of Tonnage

S. No.	Category	Tonnage
A.	Equipment requiring dismantling but in workable condition with minor / major revisioning but not usable by SAIL-Jagdishpur	68
B.	Equipment requiring dismantling but in rusted / scrap condition	1183
C.	Equipment not requiring dismantling but in workable condition with minor / major revisioning but not usable by SAIL-Jagdishpur	957
D.	Equipment not requiring dismantling but in rusted / scrap condition	218
	Total tonnage (tons)	2426

e. Lime calcinations unit

One No. 300 tpd double shaft lime calcination kiln was envisaged by erstwhile MSL. Only blower body and partially erected lime kiln found inside the lime calcination unit.

4. EXISTING SERVICE FACILITIES AND ITS PRESENT STATUS

a. General

Erstwhile M/s Malvika Steel Limited had to suspend operation of blast furnaces and installation of steelmaking and casting facilities, as mentioned in chapter 03, during late 1998 / early 1999 due to cost and time overruns, fund crunch and other commercial reasons. Since then the plant facilities were left without any maintenance and protection as a result heavy loss was incurred by thieves by stealing/ damaging equipments, all control units, small weight machineries, buildings, etc.

As on date, the following service facilities are present in damaged/ partly damaged/ unrecoverable conditions :

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1.	Raw material receipt, storage and handling facility
2.	Electrics
3.	Water supply
4.	Fuel storage
5.	Turbo Blower Station
6.	DG power station
7.	Compressed Air Station
8.	Maintenance workshop
9.	Central storage
10.	Fire Fighting Facilities
11.	Railway Tracks

Raw material receipt, storage and handling facility

Erstwhile MSIL was receiving raw material through rail and road both. Iron ore and coke for the blast furnace was received by railway wagons and other raw material was received through road. At present, all raw material receipt, storage, & handling system is in very poor condition.

Wagon tippler

In Raw material handling area, one number of Wagon Tippler exists, which is 100% scrap, since, it is found in totally rusted condition. No name plate or data available for the equipment. The Wagon Tippler area is surrounded by dense forest and visual inspection is done up to the extent possible.

Stacker-cum-reclaimer

One Stacker cum reclaimer at site (yard area) is also available in tilted and totally rusted condition. The capacity and details of stacker cum reclaimer are not known. The SCR consists of one distorted & rusted bucket wheel, one boom of approximate 20 m length along with associated structure. The SCR track along with the SCR machine is totally surrounded by dense forest and visual inspection is done up to the extent possible.

Conveyor galleries, conveyor and junction houses

Raw material handling yard was connected with stock houses of blast furnaces and lime calcination plant through conveyor galleries. However, the stock yard could not be identified in totality, since the same is embedded in dense forest.

There is no conveyor belt and related equipment in any of the conveyor galleries and maximum length of galleries are surrounded/embedded in dense forest. Conveyor galleries are also in poor condition as it is highly corroded throughout the length. At many places it is broken and some part of it is missing as well. Sheeting of the conveyor galleries are not available. Roof sheeting is found in blast furnace and stock house area in some portion only.

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Screens, Feeders etc

Screens and Feeders are found in totally scrap and idle condition. They also got badly rusted. Two nos. of feeders with capacity 100TPH are visible in stock house area along with name plate of Electromag make, which is in scrap condition.

EOT/US/Gantry Cranes

There are around 22 nos. of EOT cranes visually found in the plant area which is lying idle in different location at site. In most of the places only the girders of crane are available.

In few cranes, the Cross Travel Trolley can also be seen. The capacity of the crane is not traceable in many places.

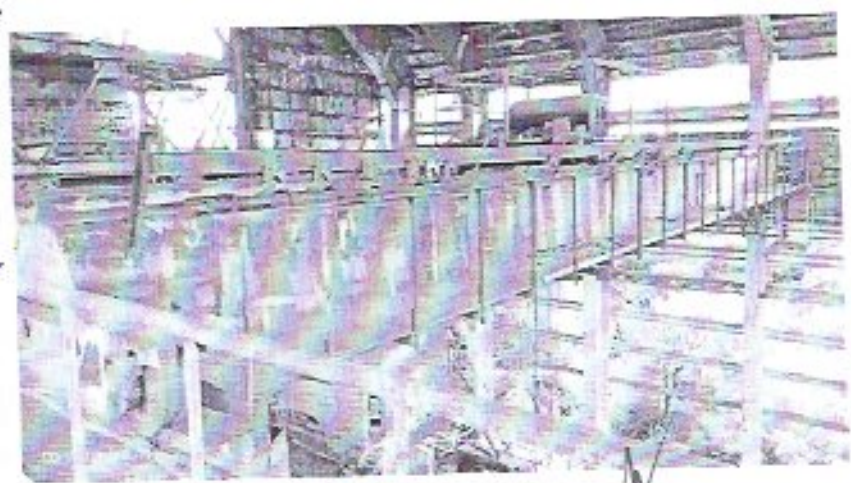
Track girder of the crane is also available. In ladle handling crane, the handling attachment was also visible. The usefulness of the attachment could not be ascertained.

In SMS area, 2 nos. of ladle handling 100/30 T crane is available of (HEC make-1997) in charging bay and 2nos. in steel receiving bay. These cranes are found along with girder and trolley in totally rusted condition. No electrical items and drive unit of the cranes are available. 2nos. of WMI make crane of capacity 20/5T and 10T is available in scrap pit area. These cranes are also available along with girder and trolley in totally rusted condition. Only rope drum is available in trolley and no electrical items along with drive units are available. 2 nos. of WMI make crane of capacity 50/10T and 10/10T (with grab) is available in slag bay. No electrical items along with drive units are available. One crane each has been found in DG power plant, Cast house, circulating water pump house, billet charging and boiler area respectively but in totally rusted condition.

In PCM yard, one no. of gantry crane is available with the gantry rail and two nos. of overhead crane of 50/10T is available along with gantry rail in Ladle repair area of PCM. These cranes are available along with girder and trolley in totally rusted condition. No electrical items and drive unit of the cranes are available. In coke yard, two nos. of EOT cranes are available. These cranes are also available along with girder and trolley in totally rusted condition. No electrical items and drive unit of the cranes are available.

Some of the photographs of site visit are enclosed below:

Cast House Crane



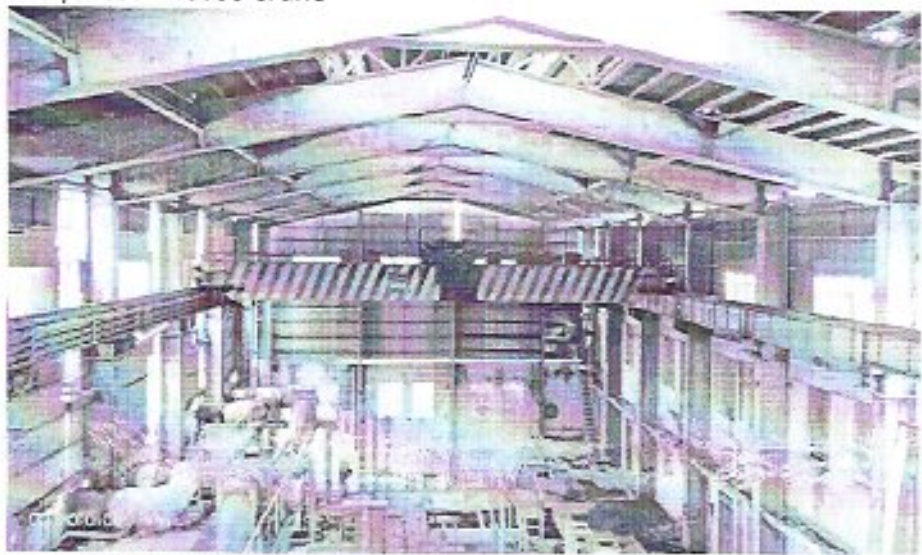
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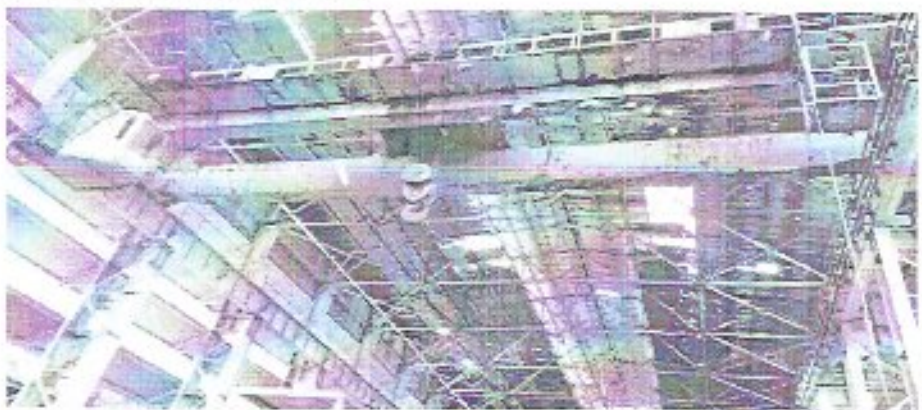
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Compressor House Crane



Turbo Blower Station Crane



PCM Area Crane

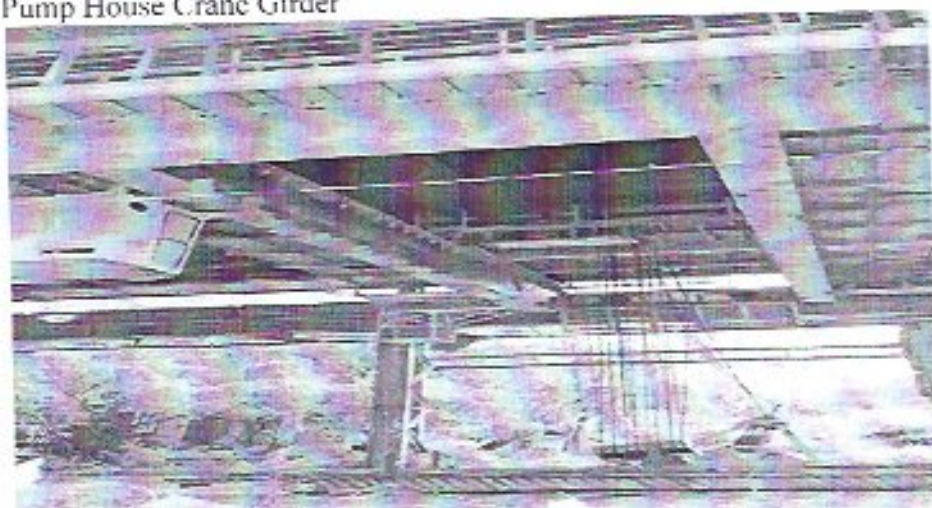
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PCM area Yard Crane (Semi-Gantry)



Pump House Crane Girder



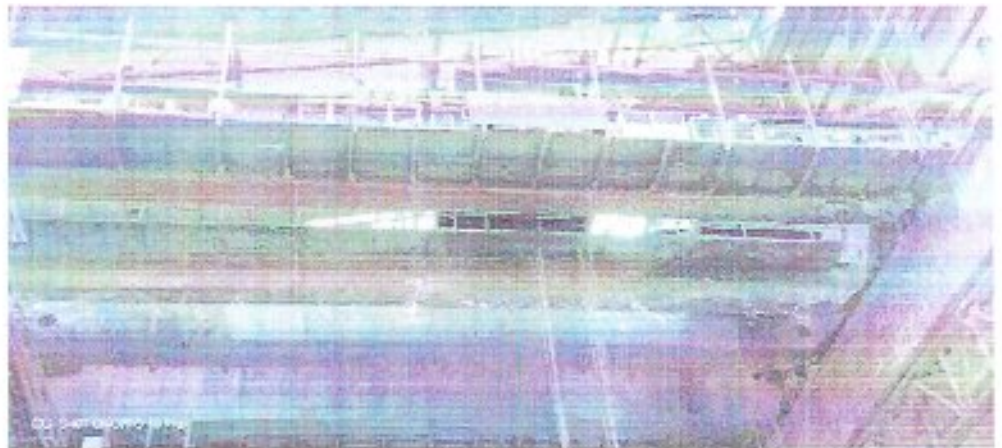
Slag Bay Crane at SMS area

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Charging Bay Crane at SMS area

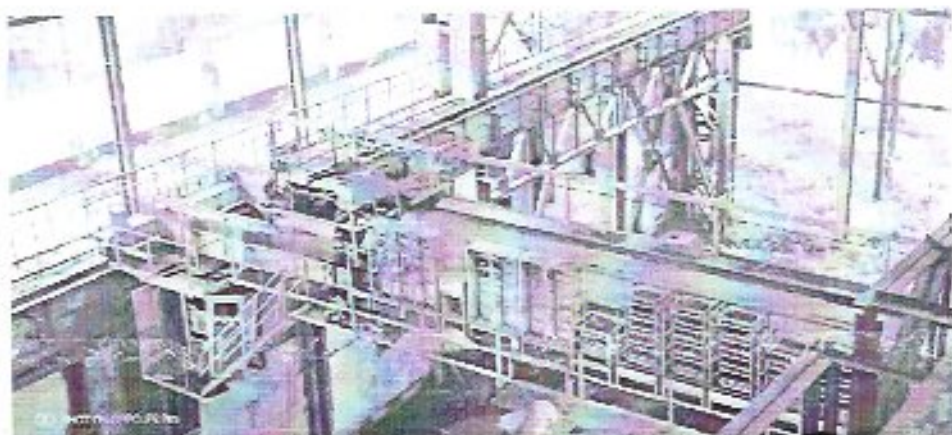


Trolley of Crane



Scrap pit crane at SMS area

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Trolley of Crane



Stacker-Cum-Reclaimer Wheel Boggie



Stacker-Cum-Reclaimer Bucket wheel

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Stacker-Cum-Reclaimer boom and slew structure



Wagon Tippler



Wagon Tippler Table

Davey

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Chris

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Stock House



Feeder in Stock House



Screen in Stock House

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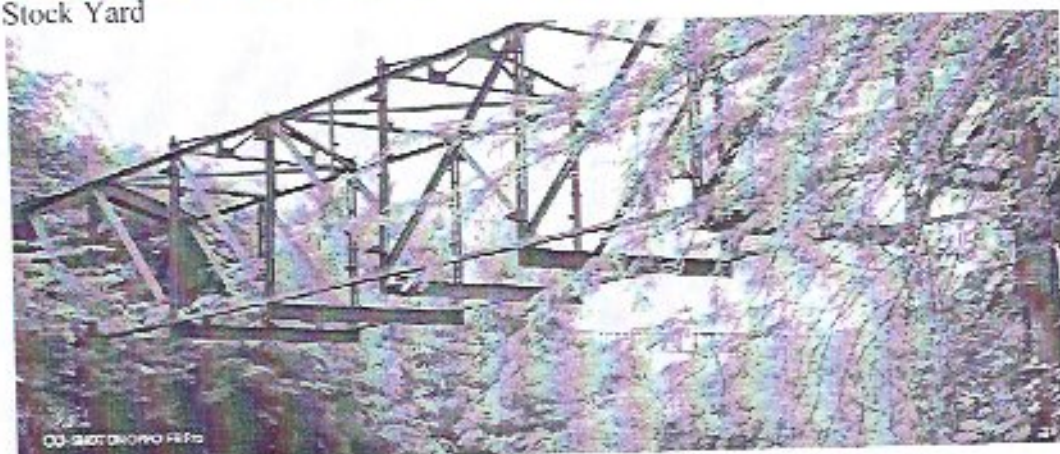
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Stock Yard Shed



Stock Yard



Conveyor Gallery

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Power distribution equipment in 220kV outdoor switchyard.

erstwhile M/s Malvika Steel Ltd. had developed one 220/33kV main receiving substation (MRS) consisting of one 220kV switchyard and 2 Nos. of 40MVA, 220/33kV transformers to cater all the plant electrical loads. The plant was also connected with 33 kV substation of Madhyanchal VidyutVitaran Nigam Limited (MVVNL), erstwhile UPSEB, near the site to cater the load requirement of the existing blast furnaces and their allied facilities during 1997-98 and 220 kV transmission line connection to MRS was under progress before closure of plant. The 220kV MRS consists of 2x40MVA, 220/33kV power transformers, LA, CT, PT, Isolators & Breakers and required auxiliary equipments. It was found that both transformers, CT, PT, LA, breakers, isolators, etc are in completely ransacked condition. There is no overhead conductor in the yard. Only insulators are still standing at its place and they are also in damaged condition. The control room building is totally empty. All types of HT/LT panel, HT/LT Cables, Light fittings, cable trays and other associated equipment are stolen. The control room building is also ransacked and observed empty.

Power Distribution, Shop Electrics & Illumination of various shops

All power distribution equipment, shop electrics and illumination is totally absent in all technological shops, plant buildings and control rooms. All the HT/LT panels are totally empty (without any components inside) and almost all the front and rear doors are missing.

All the HT/LT motors, HT/LT cables, electric wires, control panels, light distribution boards, fluorescent tube light fittings, connection points, etc. has been stolen from the plant.

DG power station

There had been provision of DG power supply. There was one DG building housing three DG sets each of 2.6 MW capacity. All the majorelectrical parts of the plant were stolen and only skeleton is left. The control room is also left with only empty control panels. Control panels have only their metal enclosure and no electrical part is found therein.

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Electrical equipment at Central storage

The electrical equipments in central storage includes two nos. of 12.5MVA, 33/6.9kV power transformers, three nos. of 700kW, 6.6kV motors, HT/LT panels, power distribution boards/cabinets, CVTs, control panels, electrical cables, Aluminum conductors, etc lying outside the central storage, none of them are in workable condition.

Inside portion of the central stores were not inspected as the same was non- approachable.

Water supply Existing facility

There are total six (6) Nos. of bore wells in the plant area. The workability of these bore wells could not be verified on site though the pumps and valves were stolen. In the pump house dedicated for blast furnace some motors are present at below ground level. But it was reported that few years back to safeguard these motors security guards filled the below ground level area with water.

Therefore, it appears that these motor would be completely damaged.

Water Treatment Plant and Make up Water System

There was space provided for raw water treatment facilities nearby Intake Water System, but no equipments or treatment plant was observed at Intake Pump house.

Water System for Blast Furnace

There is a dedicated pump house for Blast Furnace. Pumps and Motors were completely damaged because these are totally submerged in the water. At present, pump house was found flooded with water.

Water System for Slag Granulation Plant

The pumps and motors, valves, and pipes of slag granulation pits are missing.

Water System for Boiler cum Blower House

All the pumps, motors, valves, couplings and interconnected pipelines were missing. Electrical cables were totally stolen.

D.M. Plant provided for the Boilers were found totally damaged.

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Water System for Pig Casting Machine

All the pumps, motors, valves, couplings and interconnected pipelines were missing.

Water System for Steel Making Shop

All the pumps, motors, valves, couplings and interconnected pipelines were missing.

Water System for Sinter Plant

All the pumps, motors, valves, couplings and interconnected pipelines were missing.

Fuel storage

There are six (6) Nos. of LDO storage tanks in the fuel storage area each of capacity 500 KL. Apart from this, there is one (1) number of LDO tank of capacity 200 KL. These tanks were appearing in workable state and can be utilized for future planning.

Oxygen Plant

Firstwhile MSL had planned to install 2 x 205 tpd air separation units. But no equipment, motors, electric of panels were found in the oxygen plant building. Only few drums and panel bodies were left in the building.

Following Equipments are observed at site in bad condition:-

Suction air filter unit	2 nos	Scrap
Air precooling units	2 nos	Scrap
Air purification units	2 nos	Scrap
Product HP vessel for storage of gases	6 Nos	Scrap
Cryogenic liquid oxygen storage vessel (2 erected, 2 lying at site)	4 nos	Scrap
Gaseous Argon storage	2 nos	Scrap
Cold box outer structure	2 nos	Scrap
Lower distillation column	2 nos	Scrap
Main heat exchanger	1 no	Scrap
Upper distillation column (not erected)	2 nos	Scrap

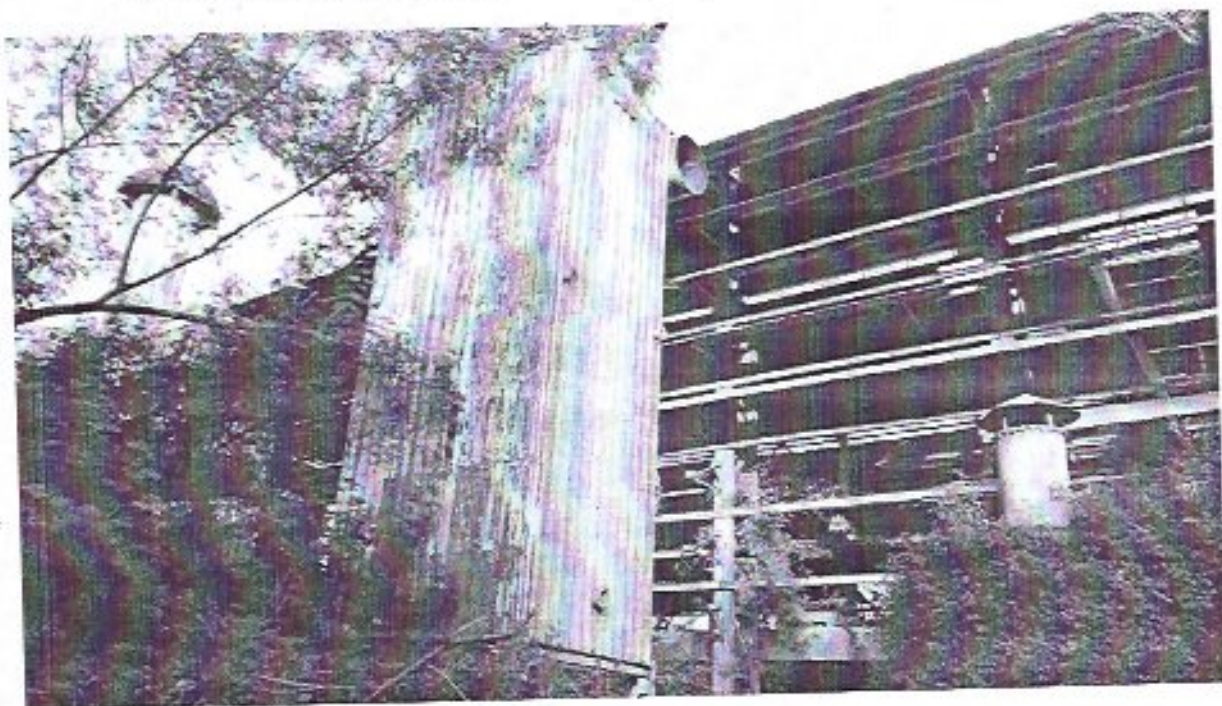
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Gas pipe line has already been erected partly at site. However, due to non availability of Drawings / documents and heavy bushes with hazy areas, it was difficult to measure the overall length of pipeline. Erected Gas pipeline is not in workable condition. Hence, it was assumed as scrap material.



Inter cooler and after cooler of Main air Compressor of oxygen plant

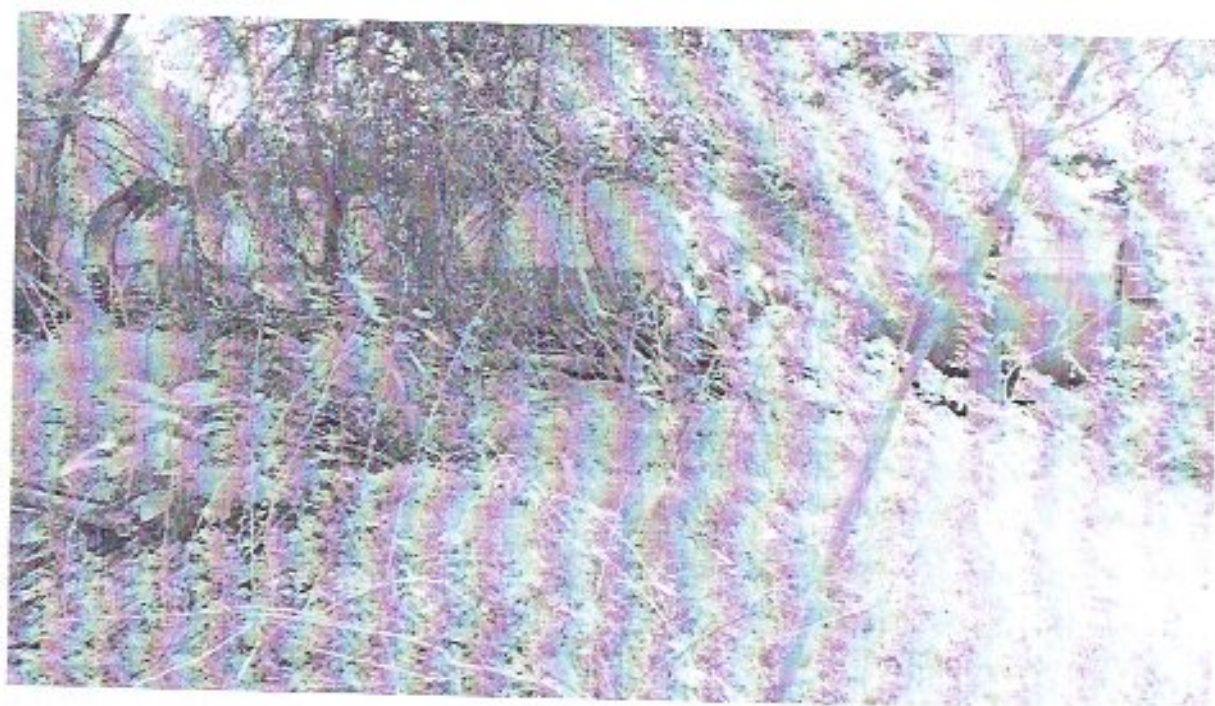


Suction air Filter of oxygen plant

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Cryogenic liquid oxygen storage vessel

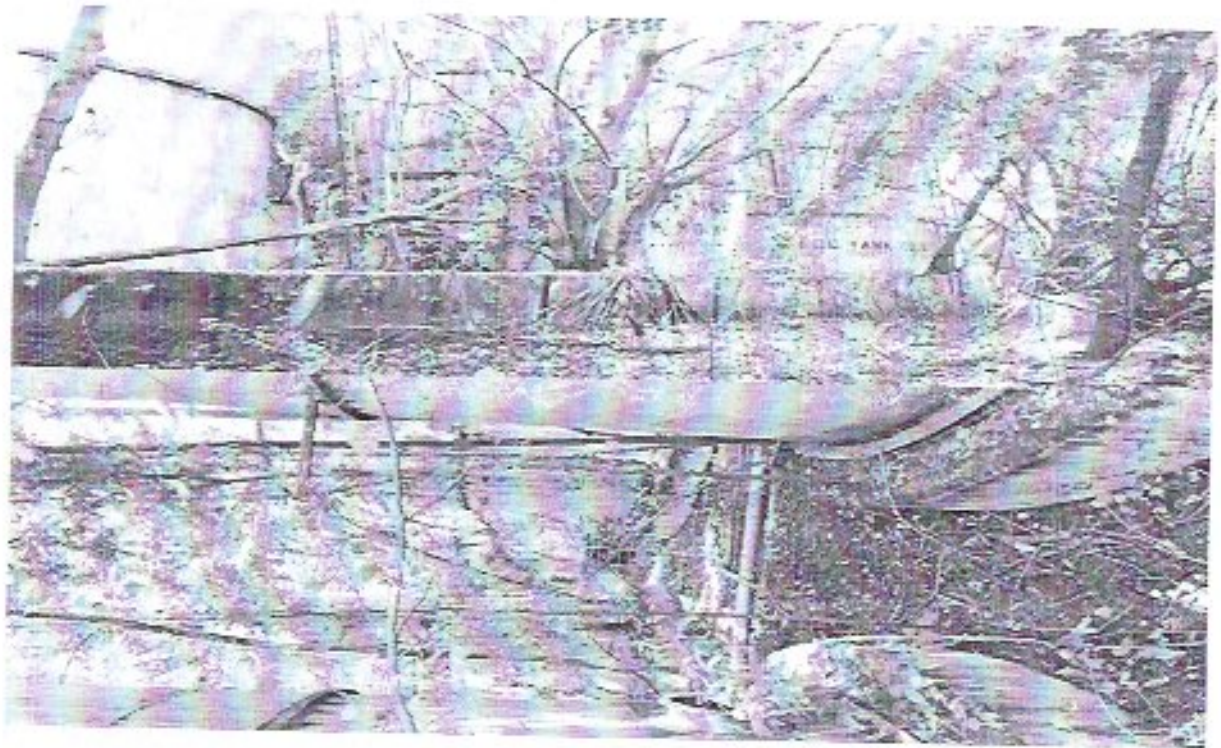


Cold box outer structure

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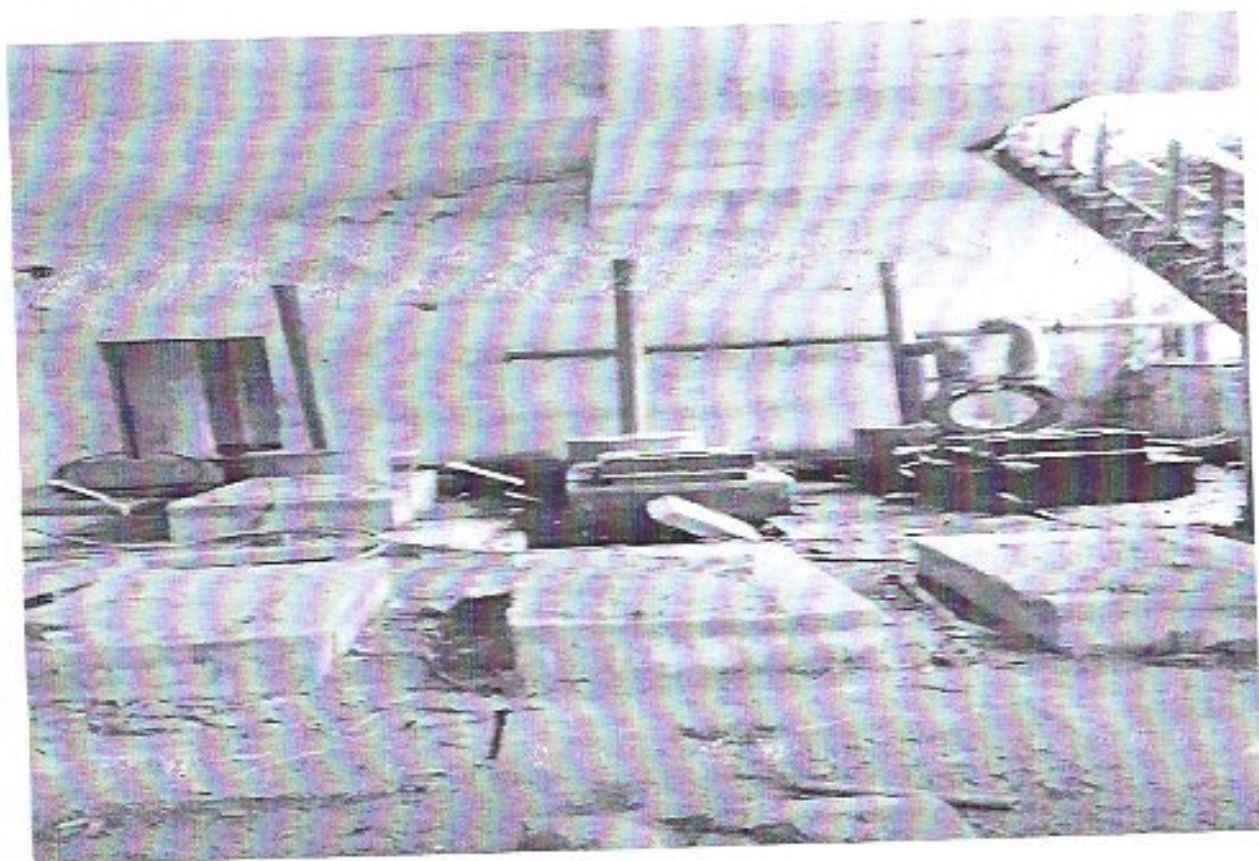
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Blast furnace Pump House Water logged

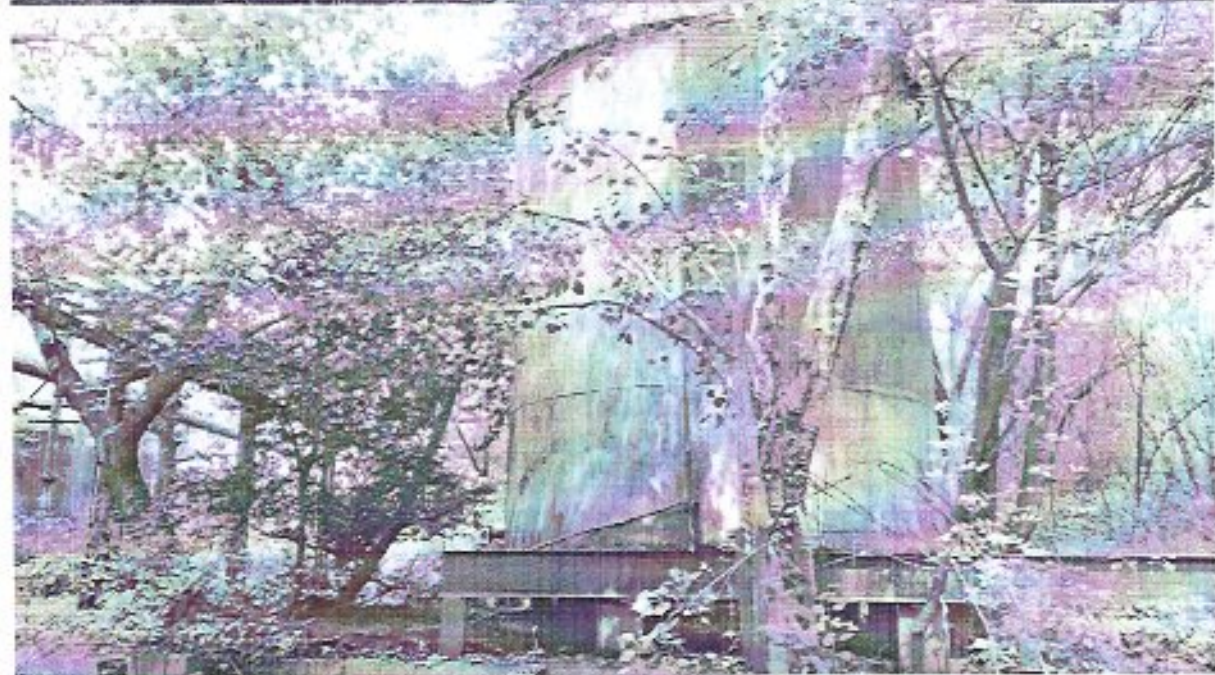


Water System for Boiler cum Blower House

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Water System for Boiler cum Blower House

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CWPH of Blast Furnace

TURBO - BLOWER STATION

GENERAL

In order to cater the total need of cold blast air requirement of blast furnaces, Turbo Blower Station had been installed which consisted of BF gas fired boilers, steam turbines, steam turbine driven blowers.

EXISTING FACILITIES

The Turbo Blower Station consisted of the following envisaged facilities:

- Two (2) nos. BF gas fired boilers along with associated facilities.
- Two (2) nos. steam turbines along with associated facilities. Third steam turbine was not installed only foundations were ready for the third steam turbine.
- Three (3) nos. steam turbine driven centrifugal blowers along with associated facilities.

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DESCRIPTION OF MAJOR FACILITIES

i) Blast Furnace Gas Fired Boiler

The steam generated from the BF gas fired boilers was utilized in the steam turbine to drive the blowers and process requirements.

The BF gas fired boilers were of natural circulation with single pass construction, water tube and LDO as start up and support fuel. The boilers included associated facilities like economizer, FD fans, ID fans, dosing systems, blow down system, feed water system, shoot blowers, chimney, burners & firing system, LDO system etc.

ii) Steam Turbine Driven Blower

a) Blower

The steam turbine driven blowers were supplying cold air blast to the blast furnaces. The discharge of each blower was connected to common cold blast headers which were supplying cold blast to respective blast furnaces through interplant cold blast piping network.

The blowers were multi-stage centrifugal type complete with associated facilities like suction system, blow off and discharge system, valves, silencers, expansion bellows, lubrication system, etc.

b) Steam Turbine

The steam turbines were of condensing type complete with associated facilities like condenser, air evacuation system, condensate extraction pumps, gland sealing system, lube oil system, etc.

PRESENT CONDITION

The boilers and associated facilities are presently in very bad conditions and some of the equipments i.e. boiler integral components, F.D Fan, steam piping & accessories are missing at site.

In the Turbo Blower house, the steam turbines, blowers and associated facilities are presently in very bad condition. Present conditions of various equipments like steam turbines, blowers, steam condensers, lube oil system, valves & piping and other associated facilities of steam turbine & blowers have deteriorated.

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DG power station

There had been provision of DG power supply. There was one DG building comprising three DG sets each of 2.6 MW capacity. All the smaller parts of the DG sets were stolen and only skeleton is left. The control room is also left with only control panel bodies.

Compressed Air Station

Compressed air station had been installed near to oxygen plant area. The compressors installed in the compressed air station are totally in damaged conditions.

Maintenance workshop

The maintenance workshop comprised damaged lathe machines, welding machine, anvils, two Nos. of completely damaged cranes, some damaged/ rusted/ broken equipment parts. There were about 17 plant vehicles comprising dumpers, pay loaders, small trucks, etc.

Central storage

There were some spare parts, electrical equipments including transformers, electrical cables, and Aluminium wires, lying outside of central storage shed adjacent to maintenance workshop and also near the administration building.

The electrical equipments in central storage including one no of 16MVA power transformer, three nos. of 700kW motors, 46 nos. of LT switchboard, one no of Generator 37.5MW, electrical cables, Aluminium wires, lying outside of central storage shed adjacent to maintenance workshop and also near the administration building. Transformers, Motors, LT switchboard, Generator, Cables as mentioned earlier is not in workable condition.

Central Store area could not be thoroughly inspected as it was dark and sufficient searchlights were not provided. A lot of rubber, plastic and wooden items were scattered inside the store area which are of no value at all.

Fire fighting facilities

Two damaged vehicles viz. one jeep and one fire tender was found at site near the entrance of the plant lying in the open. Apart from that no other fire fighting facility could be identified.

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Structural works

Building steel structures of BF units, BOF/CCP, Sinter Plant, PCM Building, Oxygen Plant, Raw Material Storage yards, Lime calcinations Plant, conveyor galleries and junction houses have been visited during the site visit jointly along with SAIL officials and has been considered for the present valuation study.

Building steel structural works of all the plant buildings are badly damaged. The steel structures of BF complex and SMS are in corroded condition. The columns of sinter plant have been cut from the base and thus in extremely damaged condition; apart from having been corroded. Two under construction sheds, probably for storage of imported coke and coal in future were made of structural members and these were also found severely corroded. The steel structural works of conveyor galleries and junction houses except a small stretch are entirely corroded and a lot of pitting marks have been observed.

The structural work of conveyor galleries and junction houses was also in highly corroded condition except certain length near BF complex.

The Structure of old AB bay, Old BC bay and old CD bay of SMS area are required because TMT Bar Mill, Crash Barrier and Sheet Corrugation Machine are installed in AB , BC bay . CD bay is interconnected with BC bay & thus AB bay, BC bay & CD bay shall not be considered for disposal.

Railway Tracks

The in-plant railway line at many areas is damaged, and missing. The tracks are below ground level and invisible as they are covered by thick bushes and undergrowth of the surrounding areas. SAIL-RSP as per their Minutes of Meeting vide dated 22.11.2019 has recommended length of railway tracks as 9.5 kms based on their evaluation of the survey maps and layout maps and the same has been considered for valuation. However, the condition of railway line is bad and considered as scrap.

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5. GENERAL PROCEDURES/INSTRUCTIONS FOR DISMANTLING OF PLANT & MACHINERY

General

Dismantling of plant and equipment is a specialized and important activity. Proper methodology followed during dismantling helps to reduce damage to equipment being dismantled, other plant & machinery, prevent damage to floor & buildings and also ensures safety of personnel involved and cases of handling & transportation.

The BUYER, after complying with the various formalities, is hereby instructed to adhere and follow dismantling procedures and instructions as outlined in this section.

General Instructions

- i) The BUYER shall make a division list to dismantle the items to the extent of dismantling required in accordance with transportation needs.
- ii) The BUYER shall formulate a sequence of dismantling to ensure that there is minimum damage to other systems / sub-systems / buildings, other civil / steel structures and the plant site.
- iii) The BUYER shall formulate dismantling procedure based best practices.
- iv) The BUYER shall seek prior approval of CLIENT on the dismantling methods such as saw cutting, gas cutting or any other methods to be adopted based on safety and statutory requirements.
- v) The BUYER shall submit a list of precautions to be taken during dismantling and packing of equipment/item (if required) for the safety of equipment and personnel.
- vi) The BUYER shall prepare dispatch list and seek prior approval of CLIENT before dispatch.
- vii) The BUYER shall follow cost effective time management during dismantling to accomplish the entire dismantling process within stipulated time schedule with proper safety norms for equipment / structures and personnel at site.

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Procedures for Dismantling

General Precaution

Before any dismantling work (electrical, mechanical or hydraulics) is taken up, power to the plant must be disconnected and it must be ensured that no equipment is energised or pressurised.

General Sequence of Dismantling

Dismantling can take place simultaneously in various premises such as blast furnace, SMS, boiler, turbine & generator, and services etc. However, it will be prudent to dismantle smaller parts first before heavier parts are dismantled to reduce chance of damage to smaller equipment. Field and equipment mounted sensors (if their removal found necessary) shall be removed first before main equipment is dismantled.

Dismantling of steel structures shall be done after all the equipment & their supports are dismantled and removed. Dismantling shall be carried out from top with the help of cranes of adequate capacity & boom length.

When certain portion of structures are getting dismantled/cut, stability of rest of the portions shall be ensured. Cutting of members, beginning from top, shall be done with cutting torch by experienced welders/cutters. All smaller members of an assembly shall be cut & removed before cutting the main members. Adequate safety precautions shall be taken up by providing supporting ties, guy ropes for keeping the structures in position, before cutting.

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Temporary Dismantling Power and Lighting

The BUYER shall arrange for temporary power supply distribution boards as required at various locations within the plant to take care of power requirements of dismantling equipment and illumination.

Office and Storage Space

Suitable office space shall be provided for supervisory and other personnel with necessary amenities and adequate space for drawing & document keeping.

Suitable storage area shall be provided to store the dismantled equipment, their inspection, marking, packing etc. The space can be suitably located in area cleared for the purpose. In case of any covering required for protection of mechanical & electrical equipment, the same shall be arranged by the BUYER.

Portable Fire Fighting and First Aid

Portable fire fighting and first aid facilities shall be made available at the dismantling site. The BUYER shall have to arrange for any consumables (foam, carbon dioxide etc.) as required for fire protection.

Dismantling Activities

Following important activities shall be carried out during dismantling of plant :

- Documentation
- Study of existing documents (if available)
- Match marking
- Survey and recording of important bench marks & elevations
- Sketching
- Dismantling

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The activities such as documentation, match marking, survey and recording of important bench marks and elevations may be carried out by the BUYER in his own interest.

Dismantling

Proper sequence of dismantling shall be followed equipment-wise. Number of dismantled items shall be restricted to as minimum as possible. All the fasteners keys, wedges etc shall be properly identified along with equipment. Adequate tools & tackles shall be used in order to minimize the damage during dismantling by welding and cutting, if required. Arrangements for lifting the equipment shall be made at site by the BUYER.

General Instructions for Dismantling work at Site

Following dismantling procedure shall be followed by the successful Tenderer during dismantling of the plant:

- i. All the equipment located at heights shall be handled by proper capacity mobile cranes / hydra / jib cranes
- ii. All the bigger size equipment shall be handled and guided by properly tested sling chains / ropes.
- iii. Equipment located at heights shall be held with proper capacity mobile cranes / hydra / jib cranes and then cut into small pieces with weights according to holding capacity of hydra cranes.
- iv. All the platform beams / structural members and rails shall be dismantled by loosening of bolts wherever possible to avoid further damage to the structural members. If loosening of bolts is not possible, only then gas cutting shall be allowed.
- v. Extent of dismantling shall depend upon the size / weight of equipment for ease of handling at site and transportation.

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For dismantling purposes, electrical equipment shall be classified as follows :

- Rotating electrical machinery including motors
- Transformers
- Sensors & Field Devices
- Control Panels
- Cables
- Erection & earthing accessories

In case, some of big motors are to be disassembled, care should be taken to keep the armature or other parts on wooden pads so as to avoid any preventable damage.

All oil filled transformers shall be drained and filled up with dry air at slight pressure for shipping. It may however be decided to ship smaller transformers without draining oil.

In case of dismantling of control panels, internal wirings / terminations shall be kept intact.

Preferably, cable dismantling shall be taken up after the disconnection of all the terminations.

Resource Plan

The BUYER has to prepare a definite resource plan beforehand in order to complete the dismantling activities within a scheduled period of time.

The resources available with the dismantling contractor shall be reviewed and if required shall be asked to increase the resources. The following resources of dismantling contractor shall be reviewed from time to time :

- Human resource (supervisors, fitters, riggers etc.)
- Material handling equipment
- Tools & Tackles
- No. of concrete breakers available
- No. of groups employed.

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The contractor shall review his resources from time to time in order to complete the entire dismantling work within the stipulated time schedule.

Monitoring of Movement of Materials

The BUYER has to keep proper record / weighment at the plant boundary to monitor and document the movement of incoming items like tools & tackles, packing materials, consumables, etc. as required for dismantling and quantity / weight of outgoing dismantled plant & machinery, structures, spare parts etc.

Damage Protection

The BUYER shall not make any damages to plant & machinery, structures, spares and any other plant items being disposed during the course of dismantling and shall take adequate insurance coverage against such damages with due approval of CLIENT.

The BUYER shall take adequate insurance coverage against accidents, fire hazards or any other hazards within the plant with due approval of CLIENT.

Indemnity

CLIENT shall be indemnified by the BUYER from any / all liabilities arising during dismantling of plant & equipment.

Safety Precautions for minimising accidents at work place

Adequate safety precautions shall be taken to minimise accidents at work place during dismantling of the plant. The BUYER shall ensure that various safety equipment viz. welding shield / mask, helmet, hand gloves, safety belt in case of height, boots etc are provided to the persons deployed for dismantling of the plant at site as per the safety norms. Barricades/flag signals shall be used wherever required. Adequate lighting shall be provided during night time. Adequate precaution shall be taken in dealing with live electrical connections.

MIC
4/1/20

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ANNEXURE I
IDLE ASSETS LYING AT JADISHPUR SAIL UNIT (JSU)

Equipment Inventory Sheet											
Sl. No.	Equipment Name	Qty	Condition	Location	Year of installation	Material of construction	Total Weight (tonnes)	Condition of plant & machinery	Age (Years)	Expected Residual life (Years)	
1	ACM area	1	Good	Central	1990	Steel	60	Good	25	0	
2	Conc. JWC	2	Good	Central	1990	Steel	10	Good	25	0	
3	Bellevue	1	Good	Central	1990	Steel	80	Good	25	0	
4	Equipment	1	Good	Central	1990	Steel	85	Good	25	0	
5	Water Pumping	1	Good	Central	1990	Steel	12	Good	25	0	
6	Transformer 40 MVA, 220/33 kV, VVVC, ONAN, ONAN	2	Good	Central	1990	Steel	60	Good	25	0	
7	Transformer 15 MVA, 33/11 kV, ONAN, ONAN	1	Good	Central	1990	Steel	10	Good	25	0	
8	Transformer 10 MVA, 33/11 kV, ONAN, ONAN	1	Good	Central	1990	Steel	80	Good	25	0	
9	Transformer 5 MVA, 33/11 kV, ONAN, ONAN	1	Good	Central	1990	Steel	12	Good	25	0	
10	Transformer 2 MVA, 33/11 kV, ONAN, ONAN	1	Good	Central	1990	Steel	8	Good	25	0	
11	Transformer 1 MVA, 33/11 kV, ONAN, ONAN	1	Good	Central	1990	Steel	12	Good	25	0	
12	Transformer 0.5 MVA, 33/11 kV, ONAN, ONAN	1	Good	Central	1990	Steel	8	Good	25	0	
13	Transformer 0.25 MVA, 33/11 kV, ONAN, ONAN	1	Good	Central	1990	Steel	5	Good	25	0	
14	Transformer 0.125 MVA, 33/11 kV, ONAN, ONAN	1	Good	Central	1990	Steel	2	Good	25	0	
15	Transformer 0.0625 MVA, 33/11 kV, ONAN, ONAN	1	Good	Central	1990	Steel	84	Good	25	0	
16	Transformer 0.03125 MVA, 33/11 kV, ONAN, ONAN	1	Good	Central	1990	Steel	66	Good	25	0	
17	Transformer 0.015625 MVA, 33/11 kV, ONAN, ONAN	1	Good	Central	1990	Steel	31	Good	25	0	
18	Transformer 0.0078125 MVA, 33/11 kV, ONAN, ONAN	1	Good	Central	1990	Steel	25	Good	25	0	
19	Transformer 0.00390625 MVA, 33/11 kV, ONAN, ONAN	1	Good	Central	1990	Steel	0	Good	25	0	
20	Transformer 0.001953125 MVA, 33/11 kV, ONAN, ONAN	1	Good	Central	1990	Steel	0	Good	25	0	
21	Transformer 0.0009765625 MVA, 33/11 kV, ONAN, ONAN	1	Good	Central	1990	Steel	0	Good	25	0	
22	Transformer 0.00048828125 MVA, 33/11 kV, ONAN, ONAN	1	Good	Central	1990	Steel	0	Good	25	0	
23	Transformer 0.000244140625 MVA, 33/11 kV, ONAN, ONAN	1	Good	Central	1990	Steel	0	Good	25	0	
24	Transformer 0.0001220703125 MVA, 33/11 kV, ONAN, ONAN	1	Good	Central	1990	Steel	0	Good	25	0	
25	Transformer 0.00006103515625 MVA, 33/11 kV, ONAN, ONAN	1	Good	Central	1990	Steel	0	Good	25	0	
26	Transformer 0.000030517578125 MVA, 33/11 kV, ONAN, ONAN	1	Good	Central	1990	Steel	0	Good	25	0	
27	Transformer 0.0000152587890625 MVA, 33/11 kV, ONAN, ONAN	1	Good	Central	1990	Steel	0	Good	25	0	
28	Transformer 0.00000762939453125 MVA, 33/11 kV, ONAN, ONAN	1	Good	Central	1990	Steel	0	Good	25	0	
29	Transformer 0.000003814697265625 MVA, 33/11 kV, ONAN, ONAN	1	Good	Central	1990	Steel	0	Good	25	0	
30	Transformer 0.0000019073486328125 MVA, 33/11 kV, ONAN, ONAN	1	Good	Central	1990	Steel	0	Good	25	0	
31	Transformer 0.00000095367431640625 MVA, 33/11 kV, ONAN, ONAN	1	Good	Central	1990	Steel	0	Good	25	0	
32	Transformer 0.000000476837158203125 MVA, 33/11 kV, ONAN, ONAN	1	Good	Central	1990	Steel	0	Good	25	0	
33	Transformer 0.0000002384185791015625 MVA, 33/11 kV, ONAN, ONAN	1	Good	Central	1990	Steel	0	Good	25	0	
34	Transformer 0.00000011920928955078125 MVA, 33/11 kV, ONAN, ONAN	1	Good	Central	1990	Steel	0	Good	25	0	
35	Transformer 0.000000059604644775390625 MVA, 33/11 kV, ONAN, ONAN	1	Good	Central	1990	Steel	0	Good	25	0	
36	Transformer 0.0000000298023223876953125 MVA, 33/11 kV, ONAN, ONAN	1	Good	Central	1990	Steel	0	Good	25	0	
37	Transformer 0.00000001490116119384765625 MVA, 33/11 kV, ONAN, ONAN	1	Good	Central	1990	Steel	0	Good	25	0	
38	Transformer 0.000000007450580596923828125 MVA, 33/11 kV, ONAN, ONAN	1	Good	Central	1990	Steel	0	Good	25	0	
39	Transformer 0.0000000037252902984619140625 MVA, 33/11 kV, ONAN, ONAN	1	Good	Central	1990	Steel	0	Good	25	0	
40	Transformer 0.00000000186264514923095703125 MVA, 33/11 kV, ONAN, ONAN	1	Good	Central	1990	Steel	0	Good	25	0	
41	Transformer 0.000000000931322574615478515625 MVA, 33/11 kV, ONAN, ONAN	1	Good	Central	1990	Steel	0	Good	25	0	
42	Transformer 0.0000000004656612873077392578125 MVA, 33/11 kV, ONAN, ONAN	1	Good	Central	1990	Steel	0	Good	25	0	
43	Transformer 0.00000000023283064365386962890625 MVA, 33/11 kV, ONAN, ONAN	1	Good	Central	1990	Steel	0	Good	25	0	
44	Transformer 0.000000000116415321826934814453125 MVA, 33/11 kV, ONAN, ONAN	1	Good	Central	1990	Steel	0	Good	25	0	
45	Transformer 0.0000000000582076609134674072265625 MVA, 33/11 kV, ONAN, ONAN	1	Good	Central	1990	Steel	0	Good	25	0	
46	Transformer 0.00000000002910383045673370361328125 MVA, 33/11 kV, ONAN, ONAN	1	Good	Central	1990	Steel	0	Good	25	0	
47	Transformer 0.000000000014551915228366851806640625 MVA, 33/11 kV, ONAN, ONAN	1	Good	Central	1990	Steel	0	Good	25	0	
48	Transformer 0.0000000000072759576141834259033203125 MVA, 33/11 kV, ONAN, ONAN	1	Good	Central	1990	Steel	0	Good	25	0	
49	Transformer 0.00000000000363797880709171270166015625 MVA, 33/11 kV, ONAN, ONAN	1	Good	Central	1990	Steel	0	Good	25	0	
50	Transformer 0.000000000001818989403545856350830078125 MVA, 33/11 kV, ONAN, ONAN	1	Good	Central	1990	Steel	0	Good	25	0	
51	Transformer 0.0000000000009094947017729281754150390625 MVA, 33/11 kV, ONAN, ONAN	1	Good	Central	1990	Steel	0	Good	25	0	
52	Transformer 0.00000000000045474735088641270770751953125 MVA, 33/11 kV, ONAN, ONAN	1	Good	Central	1990	Steel	0	Good	25	0	
53	Transformer 0.000000000000227373675443206353853759765625 MVA, 33/11 kV, ONAN, ONAN	1	Good	Central	1990	Steel	0	Good	25	0	
54	Transformer 0.0000000000001136868377216031769268798828125 MVA, 33/11 kV, ONAN, ONAN	1	Good	Central	1990	Steel	0	Good	25	0	
55	Transformer 0.00000000000005684341886080158446343994140625 MVA, 33/11 kV, ONAN, ONAN	1	Good	Central	1990	Steel	0	Good	25	0	
56	Transformer 0.000000000000028421709430400792231719970703125 MVA, 33/11 kV, ONAN, ONAN	1	Good	Central	1990	Steel	0	Good	25	0	
57	Transformer 0.000000000000014210854715200396115859853515625 MVA, 33/11 kV, ONAN, ONAN	1	Good	Central	1990	Steel	0	Good	25	0	
58	Transformer 0.0000000000000071054273576001980579299267578125 MVA, 33/11 kV, ONAN, ONAN	1	Good	Central	1990	Steel	0	Good	25	0	
59	Transformer 0.00000000000000355271367880009902896496337890625 MVA, 33/11 kV, ONAN, ONAN	1	Good	Central	1990	Steel	0	Good	25	0	
60	Transformer 0.00000000000000177635683940004951448248168953125 MVA, 33/11 kV, ONAN, ONAN	1	Good	Central	1990	Steel	0	Good	25	0	
61	Transformer 0.000000000000000888178419700024757241240844765625 MVA, 33/11 kV, ONAN, ONAN	1	Good	Central	1990	Steel	0	Good	25	0	
62	Transformer 0.0000000000000004440893903906251841594693474953125 MVA, 33/11 kV, ONAN, ONAN	1	Good	Central	1990	Steel	0	Good	25	0	
63	Transformer 0.00000000000000022204469519531259207973467374765625 MVA, 33/11 kV, ONAN, ONAN	1	Good	Central	1990	Steel	0	Good	25	0	
64	Transformer 0.000000000000000111022347597656254603986731873828125 MVA, 33/11 kV, ONAN, ONAN	1	Good	Central	1990	Steel	0	Good	25	0	
65	Transformer 0.00000000000000005551117379882812523019933659386953125 MVA, 33/11 kV, ONAN, ONAN	1	Good	Central	1990	Steel	0	Good	25	0	
66	Transformer 0.00000000000000002775557365938695312511509966829694765625 MVA, 33/11 kV, ONAN, ONAN	1	Good	Central	1990	Steel	0	Good	25	0	
67	Transformer 0.00000000000000001387778682969476562557549834140625 MVA, 33/11 kV, ONAN, ONAN	1	Good	Central	1990	Steel	0	Good	25	0	
68	Transformer 0.00000000000000000693889341406252827493695312528274936953125 MVA, 33/11 kV, ONAN, ONAN	1	Good	Central	1990	Steel	0	Good	25	0	
69	Transformer 0.00000000000000000346944670312514127469531251412746953125 MVA, 33/11 kV, ONAN, ONAN	1	Good	Central	1990	Steel	0	Good	25	0	
70	Transformer 0.000000000000000001734723351562570623469531257062346953125 MVA, 33/11 kV, ONAN, ONAN	1	Good	Central	1990	Steel	0	Good	25	0	
71	Transformer 0.000000000000000000867361675781253531234695312535312346953125 MVA, 33/11 kV, ONAN, ONAN	1	Good	Central	1990	Steel	0	Good	25	0	
72	Transformer 0.00000000000000000043368083789062517656173469531251765617346953125 MVA, 33/11 kV, ONAN, ONAN	1	Good	Central	1990	Steel	0	Good	25	0	
73	Transformer 0.0000000000000000002168404189453125882812588281258828125 MVA, 33/11 kV, ONAN, ONAN	1	Good	Central	1990	Steel	0	Good	25	0	
74	Transformer 0.000000000000000000108420209472656254414062544140625 MVA, 33/11 kV, ONAN, ONAN	1	Good	Central	1990	Steel	0	Good	25	0	
75	Transformer 0.000000000000000000054210104736328125220703125220703125 MVA, 33/11 kV, ONAN, ONAN	1	Good	Central	1990	Steel	0	Good	25	0	
76	Transformer 0.000000000000000000027105052368164062511035156251103515625 MVA, 33/11 kV, ONAN, ONAN	1	Good	Central	1990	Steel	0	Good	25	0	
77	Transformer 0.0000000000000000000135525261840820312555175781255517578125 MVA, 33/11 kV, ONAN, ONAN	1	Good	Central	1990	Steel	0	Good	25	0	
78	Transformer 0.00000000000000000000677626309204082031252758789062527587890625 MVA, 33/11 kV, ONAN, ONAN	1	Good	Central	1990	Steel	0	Good	25	0	
79	Transformer 0.000000000000000000003388131546020408203125137939453125137939453125 MVA, 33/11 kV, ONAN, ONAN	1	Good	Central	1990	Steel	0	Good	25	0	
80	Transformer 0.00000000000000000000169406577301020408203125689697265625689697265625 MVA, 33/11 kV, ONAN, ONAN	1	Good	Central	1990	Steel	0	Good	25	0	
81	Transformer 0.000000000000000000000847032886505102040820312534484863281253448486328125 MVA, 33/11 kV, ONAN, ONAN	1	Good	Central	1990	Steel	0	Good	25	0	
82	Transformer 0.0000000000000000000004235164432525510204082										

ANNEXURE 1
Idle Assets Lying at Jagdishpur SAIL Unit (JSU)

EQUIPMENT DETAILS / BREAK SPECIFICATIONS											
Sl. No.											
2	Transformer: 33KV/11KV, 2.0MVA, OXVA Make: COIL	1 no	SCRAP	CENTRAL STORES			STEEL	10.5	BAD	23	0
3	220KV Capacitor Voltage Transformer, 1 Phase, manufacturer: Mako	10 nos	SCRAP	CENTRAL STORES			STEEL	0.5	BAD	23	0
4	Transformer: 33KV/11KV	8 Nos.	SCRAP	CENTRAL STORES			STEEL	2.15	BAD	23	0
5	Transformer: 33KV/11KV	31 Nos	SCRAP	CENTRAL STORES			STEEL	4.88	BAD	23	0
6	Transformer: 33KV/11KV	3 Nos	SCRAP	CENTRAL STORES			STEEL	0.47	BAD	23	0
7	Control Transformer, 3 Phase 44KV	7 Nos	SCRAP	CENTRAL STORES			STEEL	1.25	BAD	23	0
8	Control Transformer, 33KV/11KV, 2.0MVA, OXVA Make: COIL	1 nos approx	SCRAP	CENTRAL STORES			ALUMINIUM	3.5	BAD	23	0
9	ACB 24KV Oil Circuit Breaker, 640/11.8kV Length of cable down 1800Kv	15 nos	SCRAP	CENTRAL STORES			ALUMINIUM	60	BAD	23	0
10	Oil switching mechanism for 220KV line	1.5 nos	SCRAP	CENTRAL STORES			STEEL	3	BAD	23	0
11	33KV, 300/150 sq mm XLPE cables	3 nos	SCRAP	CENTRAL STORES			ALUMINIUM	11.6	BAD	23	0
12	33KV, 300/150 sq mm XLPE cables	1 nos	SCRAP	CENTRAL STORES			ALUMINIUM	3.9	BAD	23	0
13	11 power cable (down for 220KV line)	5 nos	SCRAP	CENTRAL STORES			ALUMINIUM	18.76	BAD	23	0
14	Control Cable, 10KV, 3 sq mm, PVC insulated	0.7 nos	SCRAP	CENTRAL STORES			COPPER	0.238	BAD	23	0
15	Control cable copper, PVC, 25KV, 3 sq mm wires	0.75 nos	SCRAP	CENTRAL STORES			COPPER	0.235	BAD	23	0
16	Other Control cable	2 nos	SCRAP	CENTRAL STORES			COPPER	0.68	BAD	23	0
17	Neutral Grounding Resistor: 4.8KV/33KV	9 nos	SCRAP	CENTRAL STORES			STEEL	2.48	BAD	23	0
18	11 KV	17 nos	SCRAP	CENTRAL STORES			STEEL	1.293	BAD	23	0
19	Control & Protection Panel/SSA	5 nos	SCRAP	CENTRAL STORES			STEEL	0.206	BAD	23	0
20	LT Switch	6 nos	SCRAP	CENTRAL STORES			STEEL	3.5	BAD	23	0
21	P.T. Mutual Meter: 8 errors	1 no	SCRAP	CENTRAL STORES			STEEL	0.03	BAD	23	0
22	11 KV type 1000KV	2 nos	SCRAP	CENTRAL STORES			STEEL	0.1	BAD	23	0
23	33KV Breaker Panel	2 Nos	SCRAP	CENTRAL STORES			STEEL	0.4	BAD	23	0
24	Control motor oil or	3 Nos	SCRAP	CENTRAL STORES			STEEL	0.45	BAD	23	0
25	51B gas pressure oil, 10KV for 220KV switch, make: ABB	8 nos	SCRAP	CENTRAL STORES			STEEL	2.4	BAD	23	0
26	Control Panel	1 nos	SCRAP	CENTRAL STORES			STEEL	0.1	BAD	23	0
27	7 no Transformer	1 Nos	SCRAP	CENTRAL STORES			STEEL	1.06	BAD	23	0
28	LEP	1 Nos	SCRAP	CENTRAL STORES			STEEL	0.4	BAD	23	0
IX. Structural Steel EXCLUDING STEEL SHOP AREA FOR RUNNING LIFTING											

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ANNEXURE-I

IDLE ASSETS LYING AT JAGDISHPUR SAIL UNIT (JSU)

Equipment Details / Broad Specifications											
Sl. No.			Qty	Condition	Location inside plant	Year of Installation	Material of construction	Total Weight (tonnes)	Condition of plant & machinery	Age (Years)	Expected Residual life (Years)
1	Steel Structures		44	scrap	SMS, BF, Stock house, PCM, Silver Plant, lime plant, galeries etc.	1996		12554	Bad	23	0
2	CCI Sheeting		sqm	scrap	SMS, BF, Stock house, PCM, Silver Plant, lime plant, galeries etc.	1996		44000	Bad	23	0
X	Oxygen Plant										
1	3-section air filter unit		2 nos	Scrap		1996	Steel	5	Bad	23	0
1	Air conditioning units		2 nos	Scrap		1996	Steel	16	Bad	23	0
1	Air purification units		2 nos	Scrap		1996	Steel	14	Bad	23	0
V	Product HP vessels for storage of gases		6 Nos	Scrap		1996	Steel	240	Bad	23	0
V	Cryogenic liquid oxygen storage vessel (2 welded, 2 spray metal)		4 nos	Scrap		1996	Steel	40	Bad	23	0
V	Gaseous oxygen storage		2 nos	Scrap		1996	Steel	13	Bad	23	0
VI	Cold box outer structure		2 nos	Scrap		1996	Steel	100	Bad	23	0
VI	Lower distillation column		2 nos	Scrap		1996	Steel	6	Bad	23	0
IX	Main feed exchanger		1 no	Scrap		1996	Steel	22	Bad	23	0
X	Upper distillation column (not recorded)		2 nos	Scrap		1996	Steel	8	Bad	23	0
XI	FUEL STORAGE										
	LDO tanks - 6 Nos each of capacity 600 KL (Empty tank) = 180 T		6 Nos.	Weakable with repair, but not usable by SAIL. Jagdishpur		1996	Steel	186	Average	23	5
	LDO tanks - 1 No of capacity 200 KL (Empty Tank) = 18 T		1 no.	Weakable with repair, but not usable by SAIL. Jagdishpur		1996	Steel	18	Average	23	5
XII	Railway Trucks		8.5 km	damaged and trucks below ground and covered under thick bushes		1996	Steel	494	Bad	23	5
GRAND TOTAL								23261.12			

Derry

21/04/2020

Derry

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