



RASHTRIYA ISPAT NIGAM LIMITED  
VISAKHAPATNAM STEEL PLANT  
(A Govt. of India Enterprise)  
W15 - NSSS KUMAR  
VISAKHAPATNAM STEEL PLANT, ,  
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**NOTICE INVITING TENDER (NIT)**

**NIT TYPE: 2-PRT % BID E-RFX**

**VSP/1200/SP(M)/2021/00583**

NIT NUMBER & DATE: 2600007246 Dated 01.12.2021

OPEN TENDERS IN THE PRESCRIBED FORM ARE INVITED FROM THE REPUTED / EXPERIENCED TENDERERS FOR THE FOLLOWING

**1. NAME OF THE WORK:**

"Mechanical Maintenance of equipments of SP-2 package-III in Sinter Plant"

**2 KEY INFORMATION:**

Type of Bid	Type of Submission	EMD in INR	Submission Deadline date & time	Bid Opening Date & time in Hours
TWO PART BID	E BID	Not Applicable	21.12.2021 15:00	22.12.2021 15:30

Contract period: 24 months  
Defect Liability Period : 03 months  
Engineer In charge: DGM (M)/SP  
Welfare Allowance : APPLICABLE ,,

ESTIMATION VALUE : INR 2,64,25,884.20

**3 OFFER VALIDITY DATE:**

Your offer should be valid upto 21.04.2022.

**4 CURRENCY:**

INR.

**5 ELIGIBILITY/EXPERIENCE CRITERIA :**

Single Similar Work Order Value in INR	Annual Turnover in INR
6606471.05(66..06 Lakhs)	3963882.63(39.63 Lakhs)

"Experience criteria: Party should have working experience in "MechMaintenance of yard equipments / crushers / screens.."

Please see Annexure attached to NIT

**6. NATURE & SCOPE OF WORK:**

" Mech Maintenance of Hammer crushers, Coke crusher, TBS, BRC etc."

**7 ITEM DETAILS/BOQ:**

AS PER ATTACHMENT IN C-FOLDER

**8 LIST OF TENDER DOCUMENTS:**

This document along with those available in cFolders as below, constitute the complete Tender (NIT)

- 1) Tender schedule containing NIT, PQC Requirement (Annexure to NIT), Scope of Work, Terms & Conditions, Bill of Quantities, Special Conditions of Contract, Undertaking letter, Bid Security Declaration, Integrity Pact
- 2) Undertaking Letter
- 3) Bid Security Declaration
- 4) Integrity Pact

**9 E-RFX SUBMISSION PROCEDURE - 2 PART:**

RINL is employing SAP SRM 7.0 for Electronic Tendering System. E-RFx Response to be submitted electronically through System only. No physical paper/print needs to be submitted. Bidders need to have UserID and Password to participate in SRM E-Tenders. All enlisted vendors of RINL would be provided User ID and password for participating in RINL E-Tenders. If a Bidder who wish to participate is not presently enlisted with RINL or not having User ID Password can obtain the same through Registration of Suppliers (RoS) system by providing requisite details well before the RFx Submission deadline. Bidders to go through the User Manual of RoS system available in SRM Portal for detailed steps for obtaining User ID & Password.

In 2-Part E-RFx, Technical RFx Response is uploaded to PQC/Tech RFx cFolder and Price RFx is quoted in Bidding Engine. E-Tendering User Manual available in SRM Portal contains the procedure participating in RINL E-Tenders.

Bidders to ensure the following before submitting the 2-Part E-RFx Response

- a. All Mandatory questions are answered and Requisite documents are uploaded into PQC cFolder including Bid Security Declaration and Undertaking letter.
- b. All Techno-Commercial documents required as per tender document are uploaded into "Tech RFx" cFolder.
- c. Prices and Taxes (Conditions) are quoted in the bidding engine.

Then upon ensuring confirmation of RFx response is complete and contains no errors, RFx Response to be Submitted.

Bidders to ensure that E-RFx Response submission is done before "Submission deadline date & Time" indicated in the NIT Key information at 2 above. RFx can be "withdrawn" and modified as long as "Submission deadline date & Time" is not over. RFx Response cannot be modified once Submission deadline time passed.

**10 E-RFX OPENING PROCEDURE - 2 PART:**

E-RFx Responses are opened in the system Electronically.

System allows opening of RFx responses only after the specified date and Time as indicated at 2 Key information above. Authorized Tender opening officers through the process of "Simultaneous Log-on" shall open the RFx Responses in System.

For 2-Part E-RFx first "PQC" & "Tech RFx" cFolders are opened in the system through Simultaneous Log-on Process. Then Price RFx responses opening event will be executed on a specified Date & Time through Simultaneous Log-on process for Techno-Commercially Accepted Responses on intimation to Bidders.

**11 DOCUMENTS TO BE UPLOADED IN TECH BID C FOLDER:**

\*\*Note: Documents submitted in "Notes & Attachments" folder will not be considered for evaluation

A) Bid Security Declaration as per Annexure attached is to be submitted

OR

B) The agency can submit proof of registration with any of the following agencies as on the Tender Opening Date (TOD):

- (a) District Industries Centre [Acknowledge of Entrepreneur Memorandum i.e. EM (Part – II)
- (b) Khadi and Village Industries Commission
- (c) Khadi and Village Industries Board
- (d) Coir Board
- (e) National Small Industries Corporation (NSIC)
- (f) Directorate of Handicrafts Handloom
- (g) Udyog Aadhaar Acknowledgment/Udyog Aadhaar Memorandum issued by Ministry of MSME.
- (h) Any other body specified by Ministry of MSME.

If the documents mentioned at either Para(A) or Para(B) are not submitted in full in all respects, these documents shall not be sought and the bid will be REJECTED

C) Agencies seeking exemption for Security Deposit / Retention Money have to submit the MSE Registration document also where in Monetary Limit is indicated.

The exemption from submission of Security Deposit / Retention Money shall be up to the Monetary Limit, if any, specified in the MSE Registration submitted by the agency.

D) Statutory Documents to be submitted, wherever required

i) Electrical License (For Electrical contracts) Agencies having valid Electrical license issued by any State Licensing Board /Authority will only be considered

ii) Boiler License (For cases wherever required) Agencies should have boiler repair license, Category -1 issued by the Directorate of Boilers, Andhra Pradesh

iii) Competency Certificate issued by Director of Factories, AP

For Persons competent to carry out Inspection & Certification of Lifting Equipments, Pressure Vessels and Elevators etc

VSP reserves the right to reject the offer in case the required documents are not submitted.

**12 E-RFX EVALUATION PROCESS:**

(a) Pre-qualification evaluation shall be done based on the documents submitted by the bidders in PQC & Tech RFx cFolders.

(b) All the RFxs shall be evaluated on the basis of landed cost only which includes all taxes and duties but excluding Goods & Service Tax (GST).

(c) TAL1 (Technically accepted L1) price arrived by the system shall follow automatically to Auction document as start bid price for all cases of Reverse Auction and will be visible in the system only after the start time of Live Auction (E-Reverse Auction).

(d) On completion of Live Auction, composite comparative statement is generated by the system considering the RFx Prices and Reverse Auction Prices. Placement of Order shall be considered on the L-1 price so arrived.

(e) Notwithstanding anything specified in this tender documents, RINL, in its sole discretion, unconditionally and without having to assign any reason, reserves the following rights:

(i) To reject the response whose performance is poor in awarded / ongoing works if any.

(ii) To give purchase preference to Public Sector Undertakings wherever applicable as per Government Policy / Guidelines

(iii) To extend purchase preference to Local MSEs (Micro & Small Enterprises) as per prevailing guidelines of RINL subject to submission of documents as stipulated in Detailed Terms & Conditions of NIT.

**13 REVERSE E-AUCTION PROCESS:**

In case RINL wishes to conduct Reverse auction, the same shall be communicated to all the technically and commercially qualified bidders at an appropriate time.

The Auction shall be conducted on SAP SRMLIVE AUCTION PLATFORM. All technically and commercially acceptable bidders would be required to participate in the reverse e-auction and quote from the start Price.

Bidders would be required to quote single price i.e price net of ITC on GST.

No separate User ID and Password is required for participating in Live Auction. User ID and Password used for Participating in E-Tendering to be used for Live Auction also.

**(a) AUCTION TIME EXTENSION:**

1. Throughout the Auction process, Bidders should keep in view the 'Time Remaining' that appears on the 'Live Auction cockpit' screen and submit their Bids well within the time that gets displayed therein.

2. Bidders to note that System calculates Auction End time during the Auto extension period as under:

If any of the bidder, submits a valid price, in the last "X" minutes, the system will extend the Auction End time to "Existing End Time + Y minutes". This will be done "N" number of times.

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Remaining Time Trigger = X

Extension Period = Y

Number of Extensions = N

The Auction time extension is explained below with an example.

Example: Reverse Auction conducted with Auction parameters as:

AUCTION SCHEDULE: 11.00 AM to 12.00 noon, REMAINING TIME TRIGGER: 4 minutes and EXTENSION TIME: 5 minutes

The current Auction End time being 12:00 and in case a bid is submitted by any bidder after 11.56 AM. (in the 'Remaining Time Trigger' i.e., in the last 4 minutes ) of the auction, the auction end time gets extended up to 12.05 PM (12:00 plus 5 Min.). Hence the new end time of the Auction is 12.05 PM. However, In case a bid is submitted prior to 11:56 i.e., before the 'Remaining time trigger', Auction shall not get extended and the same gets closed at 12:00.

Further, during the Auto extension period of the Auction, if a bid is submitted by any bidder after 12 .01 PM. (in the last 4 minutes) of the auction the auction end time gets extended up to 12.10 PM. (12:05 plus 5Minutes). In case the bid is submitted by any bidder from 12.00 to 12.01 PM, auction end time will not get extended because it is not within the period of REMAINING TIME TRIGGER of 4 minutes and Auction end time shall be 12:05.

**Important Note :**

Bidders have to ensure continuous internet connection during the live auction. If the bidders' internet connection gets disturbed, the details in the auction window will not get refreshed upon fresh bids in the auction. Bidders cannot see the latest bids submitted in the auction after the disconnection. If a bidder's Rank is 1 for any item, it will continue to remain as 1 in their screen even if other bids are submitted in the auction if internet connection is not proper/disturbed. Even the time remaining will continue to reduce. It is the responsibility of the bidder to maintain the uninterrupted internet connection during live auction. Since auto refresh is not possible during disconnection, click F5 button in your keyboard to refresh the auction screen . If proper internet connection exists Bidder's screen gets refreshed else if there is any connection problem Bidder will get error screen/message upon pressing F5. If Bidder gets error screen, bidder should login again and come back to Auction cockpit after restoring proper internet connection to view the latest status in the auction cockpit. It is advisable to click on F5 frequently and every 20 seconds during extension time to manually refresh the live-auction cockpit screen. RINL does not accept any responsibility for issues related to non-participation due to internet connection problems at vendor's end.

**14 GENERAL INSTRUCTIONS:**

- 1) The documents submitted by the tenderers in respect of pre-qualification evaluation criteria are final and no further correspondence / clarifications / submissions in this regard shall be entertained.
- 2) Scope of work, Bill of Quantities (BOQ), Terms and Conditions, given in the tender documents(placed in the cFolder Publisher area) is final. On verification, at any time, whether the tenderer is successful or not, if any of the documents submitted by the tenderer including the documents downloaded from our website are found tampered /altered/ incomplete, they are liable for actions like rejection of the tender, cancellation and termination of the contract, debarring etc., as per the rules of the company.
- 3) It will be presumed that the tenderers have gone through the General Conditions, Special Conditions and Instructions to tenderer etc., of the contract available in the website which shall be binding on him / them.
- 4) The tenderer shall download the NIT documents etc (TENDER SCHEDULE) available in Tech RFx cFolder Publisher Area on the RINLs SRM Portal in totality and upload the same along with the Undertaking letter in Tech RFx cFolder.
- 5) The bidder shall be governed by the General Conditions of Contract of Supply which is available on VSPs website which can be freely accessed and downloaded.
- 6) Tenders submitted against the NIT / Tender shall not be returned in case the tender opening date is extended / postponed. Tenderers desirous to modify their offer / terms may submit their revised / supplementary offer(s) within the extended TOD.
- 7) (i) Tenderers shall submit GST Registration Certificate under GST act if available. If not available the successful tenderer shall produce Registration Certificate under GST Act, wherever applicable, before signing the Work Order / Letter of Acceptance and submit a copy of the same.  
(ii) Tenderers shall submit the PF Registration Certificate if available, if not available successful tenderer shall submit PFRegistration Certificate before commencement of the work.
- 8) VSP after opening of tender/bid document may seek in writing, documents/ clarifications which are necessary for evaluation of tender / bid document from the Tenderers/ bidders or issuing authority for confirmation of eligibility / pre-qualification stipulated in the NIT.
- 9) If it comes to the notice of VSP at any stage right from request for registration/ tender document that any of the certificates/documents submitted by applicant for registration or by bidders are found to be false/ false/ doctored, the party will be debarred from participation in all VSP tenders for a period of 05(FIVE) years including termination of contract, if awarded. Security Deposit if any will be forfeited. The contracting agency in such cases shall make good to VSP any loss or damage resulting from such termination. Contracts in operation anywhere in VSP will also be terminated with attendant fall outs like forfeiture Security Deposit, if any, and recovery of risk and cost charges etc..Decision of V.S.P Management will be final and binding.
- 10) The date of opening of the PQC and Tech RFx response shall be the date of tender opening.
- 11) Successful tenderer should be in a position to produce, after opening of the price bids, the Original Certificates in support of the attested copies of relevant documents submitted along with tender document. Failure to produce the original certificates at this stage in support of the attested copies of Electrical License/ any other documents etc. submitted earlier would result in disqualification and also liable for debarring from participation in VSP tenders.
- 12) RINL will not be responsible for any delay/ loss/ any website related problems in downloading the tender documents etc. RINL reserves the right to (A) Split and award the work to more than one agency, (B) Reject any or all the tenders or to accept any tender wholly or in part or drop the proposal of receiving tenders at any time without assigning any reason thereof.
- 13) Initial Security Deposit (ISD) shall be 2% of the contract value. Security Deposit / Retention Money at the rate of 3% of the executed value will be deducted from each R.A. Bill until this amount together with ISD will become 3 % of the contract value. This supersedes the clauses pertaining to Security Deposit / Retention Money in SpecialConditions of Contract (SCC) and General Conditions of Contract (GCC).

14) The punitive action of debarring the agency for a period of 3(Three) years for the reasons mentioned in the Bid Security Declaration shall supersede the related clauses of Special Conditions of Contract (SCC) as given below:

(a) Withdrawal/modification of bid after tender opening and during the period of bid validity stipulated in the tender document or any extension thereof (Clause No.27 of SCC)

OR

(b) Having been notified of the acceptance of the Bid by RINL, during the period of bid validity, if the agency

(i) Fail or refuse to execute the Contract.

(or) (Clause No.31 of SCC)

(ii) Fail or refuse to furnish the security deposit, as stipulated in the Tender Document/ Work Order/ Letter of Acceptance/ Purchase Order Clause No.33 of SCC)

15) Planning and Designing in purview of Vulnerability Atlas of India:

a. Vulnerability Atlas of India (VAI) is a comprehensive document which provides existing hazard scenario of the entire country and presents the digitized State/UT-wise hazard, maps with respect to earthquakes, winds and floods for district-wise identification of vulnerable areas. It also includes additional digitized maps for thunderstorms, cyclones and landslides. The main purpose of this Atlas is its use for disaster preparedness and mitigation at policy planning and project formulation stage.

b. This Atlas is one of its kind single point source for the various stakeholders including policy makers/ administrators/ municipal commissioners/ urban managers/ engineers/ architects/ planners/public etc. to ascertain proneness of any city/location/site to multi-hazard which includes earthquakes, winds, floods, thunderstorms, cyclones and landslides. While project formulation, approvals and implementation of various urban housing, buildings and infrastructures schemes, this Atlas provides necessary information for risk analysis and hazard assessment.

c. The Vulnerability Atlas of India has been prepared by Building Materials and Technology Promotion Council under Ministry of Housing and Urban Affairs, Government of India and available at their website [www.bmtpc.org](http://www.bmtpc.org).

d. It is mandatory for the bidders to refer Vulnerability Atlas of India for multi-hazard risk assessment and include the relevant hazard proneness specific to project location while planning and designing the project in terms of:

I. Seismic zone (II to V) for earthquakes

II. Wind velocity (Basic Wind Velocity: 55,50,47,44,39 and 33 m/s)

III. Area liable to floods and Probable max. surge height

IV. Thunderstorms history

V. Number of cyclonic storms/ severe cyclonic storms and max sustained wind specific to coastal region

VI. Landslides incidences with Annual rainfall normal

VII. District wise Probable Max. Precipitation

## 15 INSTRUCTIONS TO TENDERERS ON E-TENDERING/E-AUCTION:

For use of the RINL e-procurement (SRM) system and before submitting bid, a Vendor/Bidder should understand the e-tendering process by going through user manual which is available in our portal <https://srm.vizagsteel.com> and the NIT of related tender (RFx).

Vendor is responsible for all the necessary requirements including infrastructure in proper condition i.e. Computer, operating system and software platform (including browser), antivirus, network connectivity, internet services, uninterrupted power supply to computer or networking equipment etc., availability of correct user id and password etc so that the participation in the RFx and/or auction during e-procurement process is not affected. Any interruption at vendor's end due to non-availability of the above facilities will not be entertained as reason for review of the RFx and/or Auction participated or intended for participation by the Vendor.

Understanding the bidding method and entry of correct data (Entering Correct Price Information) during e-procurement process against the RFx and/or Auction is totally the responsibility of the Vendor. During e-procurement process (RFx stage and/or Auction) it will not be possible to explain the bidding process to the Vendor. Vendor should ensure all queries and know-how are completed with the help of user manuals and mock/trial auctions available in the SRM portal before the start of e-procurement (RFx or Auction) process to ensure smooth participation in RINL's e-tender/e-auction

<b>RINL VIGILANCE TOLL FREE NUMBER: 1800 425 8878</b>
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SD/-

NSSS KUMAR

**1 INSTRUCTIONS TO TENDERERS:**

1) Tender shall be submitted in the prescribed form issued by VSP in the RINL SRM Portal, Government Portal. The Tender documents issued are not transferable. Tender documents downloaded shall be submitted wholly without detaching any part.

2) The Tenderer shall agree to VSPs terms and conditions, specifications/ scope of work, etc., and quote their Total Amount in figures only. Tender shall be for the entire scope of work mentioned in the tender documents.

3) Price condition: Tenderers shall quote the price of the goods or services, excluding GST. Applicable GST shall be indicated against each item and will be paid extra on submission of tax invoice.

In case tenderer opted for composition scheme, GST will not be charged extra and the price quoted includes the GST applicable to composite scheme. Tenderers have to specify that they have opted for composition scheme and GST is included as applicable for composition.

Evaluation criteria:

1. In case of supply of goods or services on which RINL / VSP is eligible to avail GST input Tax Credit, evaluation of tender shall be on the basis of landed cost excluding GST.

2. In case of supply of goods or services on which the employer (RINL/VSP) is not eligible to avail GST input tax credit, the applicable GST payable by RINL/VSP (in case of unregistered taxable supplies) or GST to be charged by the registered taxable supplier as applicable, shall be added to the landed cost for evaluation purposes.

4) If by any reason the tender opening is postponed to any other date, the same will be placed in RINLs SRM Portal and in CPPP portal. Tenderers shall see the SRM Portal / CPPP portal regularly and keep themselves informed in this matter.

5) Before quoting, the tenderer shall necessarily contact the Engineer and fully understand the job, scope of work, unit of measurement, mode of measurement, scope of supply of materials by VSP if any, working conditions, shutdown arrangements, Labour deployment requirements, risk contingencies and such other factors which may affect their tender.

6) Tenders shall be kept open for acceptance for a period 4 (Four) MONTHS from the date of opening of tender.

7) Corrections/ amendments/ replacement to/ of the Deficient documents submitted, shall not be sought where there is evidence of Tampering/Unauthorized correction

**2 EXEMPTIONS / PREFERENCES FOR MSES:****1) EXEMPTIONS / PREFERENCES FOR MICRO AND SMALL ENTERPRISES:**

1.1 Micro and Small Enterprises (MSEs) registered with any of the following bodies shall be provided exemptions / preferences, under this clause, in respect of procurement of goods and services, produced and provided by them (irrespective of whether the service is provided within or outside their premises) through the present tender, subject to submission of proof of registration with any of the following agencies as on the Tender Opening Date (TOD):

- a. District Industries Centre (Acknowledgement of Entrepreneur Memorandum i.e., EM Part II).
- b. Khadi and Village Industries Commission
- c. Khadi and Village Industries Board
- d. Coir Board
- e. National Small Industries Corporation (NSIC)
- f. Directorate of Handicrafts Handloom.

g. Udyog Aadhaar Acknowledgment/Udyog Aadhaar Memorandum issued by Ministry of MSME.

h. Any other body specified by Ministry of MSME.

1.2 Exemptions: MSE(s) shall be provided exemption from submission of Security Deposit (SD) / Retention Money, subject to the following:

a. Tender documents shall be downloaded by the tenderer from the websites notified by the company (such as [www.vizagsteel.com](http://www.vizagsteel.com), <https://eprocure.gov.in>)

b. Performance Guarantee Bond of requisite value in the prescribed pro-forma shall be submitted by the tenderer in lieu of Security Deposit / Retention Money. The exemption from submission of Security Deposit / Retention Money shall be up to the monetary limit, if any, specified in the MSE registration.

1.3 Purchase Preference: MSE(s) shall be provided Purchase Preference, under the following conditions:

a. The work is envisaged to be awarded in more than one package to more than one tenderer, as stated in the tender.

b. The offer of the MSE(s) is within the band of L-1 + 15 percent and the MSE(s) becomes eligible for Purchase Preference by matching the L-1 offer, after negotiation, if any.

c. In case the L1 tenderer is also an MSE, the value of package considered for award to such L1 MSE is less than 25% of the total value of work.

The MSE(s) eligible for Purchase preference shall be considered for award of contract, in the order of ranking as below:

a. MSE(s) owned by SC and ST entrepreneurs till the value of package(s) considered for award to MSE(s) (including the L-1 tenderer, if MSE owned by SC and ST entrepreneurs) equals or exceeds 4% of the total value of work.

b. MSE(s) owned by women till the value of package(s) considered for award to MSE(s) (including the L-1 tenderer, if MSE owned by women) equals or exceeds 3% of the total value of work.

c. Other MSE(s) eligible for Purchase Preference till the value of package (s) considered for award to MSE (including the L-1 tenderer, if MSE) equals or exceeds 25% of the total value of work.

\*Note: The MSE's desirous of getting preference as per the above clauses (SC and ST owned MSE's & Women owned MSEs) are required to submit the proof of the same along with the tender documents

The decision of RINL regarding the packages to be considered for award to MSE(s) shall be final and binding. The successful MSE(s) shall ensure that the registration is valid till end of the contract.

1.4 Payment of bills to the MSE's shall be made 'on or before the date agreed upon' as per the terms & conditions of the contract or within 45 days whichever is earlier, from the date of receipt of bill, complete in all respects, by the Engineer in-charge.

**Annexure to NIT****PRE-QUALIFICATION REQUIREMENT**

The following are the pre-qualification requirements to be uploaded in Techbid c folder by the tenderer.

- (a) Copy of registration letter issued by V.S.P. in case of registered agencies and in case of non-registered agencies, either a copy of Notarized sole proprietorship OR a copy of Notarized partnership deed OR a copy of Memorandum of Association & Articles of Association, along with certificate of registration – whichever is applicable.
- (b) For Turn Over Audited balance sheets certified by Practicing Chartered Accountant with Stamp & Membership No. in case the annual Turn-over is more than Rs.100.00 Lakhs (OR) in case of Turn-Over being less than Rs.100.00 lakhs either Turn-over certificate in the prescribed format of VSP duly signed by a practicing Chartered Accountant/Cost Accountant with Stamp and Membership No. (OR) T.D.S. certificate(s) comprising of the Gross bill values issued by the Deductor(s) for the work done.
- (c) Copy of Provident Fund Registration Certificate if available. If not available, successful tenderer shall submit PF Registration Certificate before commencement of the contract to Engineer Incharge.
- (d) Copy of **GST Certificate** if available. If not available, the same shall be submitted before signing the order.

**SINGLE SIMILAR WORK EXPERIENCE REQUIREMENT:**

Party should have working experience in "Mech Maintenance of yard equipments / crushers / screens.

The value of **single similar work executed** shall be during the last **07 (Seven)** years ending last day of month previous to Tender Notice date i.e: **30.11.2021** and Turnover shall be the average Annual Financial Turnover during the last three years ending 31<sup>st</sup> March of the previous financial year i.e.**31.03.2021**. The tender document shall be accompanied with copies of Work Order, Bill of Quantities, Work Completion Certificate indicating the total value of the work done inclusive of all deviations and escalations against the subject work and including all taxes & duties, but excluding **Goods & Service Tax (GST)**. In case of work executed outside VSP, and where the total amount includes **GST**, tenderers shall make efforts to get the value of **GST** indicated separately in the Work Completion Certificate.

In case of work-in-progress, **Work-in-progress Certificate** indicating start date as per Order and actual start date & value of work executed with date up to which it is considered against the subject work and including all taxes and duties, but excluding **Goods & Service Tax (GST)** with certification of satisfactory performance of the Contractor to that extent and continuance of the said work by the respective employer.

VSP reserves the right to reject the offer in case the above documents are not enclosed along with the offer. The authorized representative of the tenderer shall sign on all the copies of the documents submitted along with the tender document.

**INTEGRITY PACT:**

a) Tenderers are required to unconditionally accept the “Integrity Pact” enclosed to the tender document and shall submit the same duly signed along with their offer. Offer of the tenderers received without Integrity Pact duly signed, shall not be considered.

b) The External Independent Monitors (EIM) are Air Marshal Naresh Varma, IAF(Retd.) and Shri B. Prasada Rao, Ex-CMD, BHEL. The bio-data of Air Marshal Naresh Varma and Shri B. Prasada Rao are available in VSP website.

c) Nodal Officer is Sri Ajay Kumar Das, GM (MM), VSP. He can be contacted at phone No. 09866021635, Max (Internal):22125 and at e-mail: [dasak@vizagsteel.com](mailto:dasak@vizagsteel.com)

## SPECIAL CONDITIONS OF CONTRACT

1. GENERAL : The special conditions of the contract (SCC) are complementary to and shall be read in conjunction with General Conditions of Contract (GCC) of VSP for works contracts. Scope of work, Bill of Quantities and other documents form part of the Tender Documents. In case of any conflict of meaning between SCC & GCC, provisions of SCC shall over ride the Provisions of GCC.
2. Visakhapatnam Steel Plant reserves the right to accept or reject the lowest or any other tender without assigning any reason and the work may be awarded to one of the Tenderers or to more than one tenderer.
3. The contract shall be treated as having been entered into from the date of issue of the letter of intent/work order to the successful tenderer, unless otherwise specified.
4. WATER, POWER AND COMPRESSED AIR: Unless otherwise specified to the contrary in the tender schedule, the contractor is entitled to use in the work such supplies of water, power and compressed air (Basing on availability) from VSP's sources from approved tapping points, free of cost. The contractor shall make his own arrangement for drawing the same to the work spot.
5. **The successful tenderer shall produce GST Registration Certificate under GST Act, before signing the Work Order / Letter of Acceptance and submit a copy of the same. If the agency is unregistered / composition scheme declaration shall be submitted.**
6. Immediately on receipt of work order, the successful tenderer shall obtain and submit the following documents to the Engineer with a copy to ZPE/Manager (Pers)/CLC before start of work.
  - a(i) **ESI registration certificate** with the contractor's Code no. covering all the workmen under ESI Scheme, which shall be effective from the date of start of contract and cover for the entire period of contract including extended period/defect liability period, if any.
  - a(ii) **Insurance policy for payment of exgratia amount of Rs.5,00,000/-** (Rupees Five lakhs only) per head in case of fatal accidents while on duty, to the contract labour engaged by him in addition to the coverage under ESI Scheme / Workmen Compensation Insurance Policy whichever is applicable. As and when a fatal accident takes place while on duty along with the benefits under the ESI Scheme / Workmen Compensation, whichever is applicable, the contractor is required to pay the ex-gratia amount within 30 (Thirty) days from the date of accident to the legal heir of the deceased. In case of any delay in paying the ex-gratia amount as above, the Employer has the right to pay such amount directly to the legal heir of the deceased and recover the same from the contractor's running / future bills. This insurance policy is to be taken by the contractor over and above the provisions specified under Clause No. 6.13 (Third Party) and 6.14 (ESI Act) of the General Conditions of Contract.
  - a(iii) **Copy of the policy for third party insurance** as stipulated in Clause 6.13 of the GCC.
  - b) **Labour License obtained from Assistant Labour Commissioner (Central), Visakhapatnam.**
  - c) **PF Registration Certificate issued by PF Authorities**
  - d) **Safety clearance** from Safety Engineering Department of VSP.
7. The contractor shall submit wage records, work commencement/completion certificate etc. and obtain necessary clearance from Contract Labour Cell of VSP for bills clearance.
8. The contractor shall ensure strict compliance with provisions of the Employee's Provident Fund Act, 1952 and the scheme framed there under in so far as they are applicable to their establishment and agencies engaged by them. The contractor is also required to indemnify the employer against any loss or claim or penalties or damages whatsoever resulting out of non-compliance on the part of the contractor with the provisions of aforesaid act and the schemes framed there under. A copy of the provident fund membership certificate/PF CODE number shall be submitted by the contractor.
9. The contractor shall follow the provisions of Indian Factories Act and all rules made there under from time to time as applicable and shall indemnify the employer against all claims of compensations under the provisions of the act in respect of workmen employed by the contractor in carrying out the work against all costs, expenses and penalties that may be incurred by the employer in connection therewith.

10. a) Total amount quoted shall be inclusive of all taxes, levies, duties, royalties, overheads and the like but excluding GST prevailing as on the date of submission of bids.
  - b) During the operation of the contract if any new taxes/duties/levies etc are imposed or rates undergo changes, as notified by the Government and become applicable to the subject works, the same shall be reimbursed by VSP on production of documentary evidence in respect of the payment of the same. Similarly benefits accruing to agency on account of withdrawal/reduction in any existing taxes and duties shall be passed on to VSP.
  - c) Supplier of Services / Goods shall comply with the GST provision as prescribed. In case of failure to comply with the GST provision by the Supplier thereby RINL could not obtain GST-ITC or ITC is reversed with interest at a later date the equivalent amount of ITC lost including interest paid, if any, to GST Authorities shall be recovered from the immediate payment due to the supplier of service.
  - d) The prices are exclusive of GST. RINL-VSP will pay GST as applicable on submission of Tax Invoices in accordance with Rule 46 of GST Rule 2017. The contractor will be paid GST by RINL-VSP along with monthly RA bills. The contractor will, in turn, submit the documentary evidence in support of payment of GST of each month along with subsequent month RA Bills. The Supplier/Contractor shall upload the details of Invoices issued by him in the monthly return (GSTR-1) of the month in which Tax Invoices are raised to enable RINL to claim Input Tax Credit under GST. Otherwise, Payment of GST will not be made.
11. ADVANCE: No advance of any sort will be given by VSP.
  12. PAYMENT TERMS: Payment will be made monthly on recommendations of the Engineer basing on the quantities executed, at accepted rates.
  13. MEASUREMENTS: The contractor shall take measurements jointly with the Engineer or his representative and keep joint records for the same. Bills shall be prepared and submitted by the contractor basing on agreed measurements.
  14. INITIAL SECURITY DEPOSIT (ISD): Initial Security Deposit for the work shall be @ 2% of contract price. Earnest Money Deposited by the successful tenderer shall be adjusted against ISD, and the difference between ISD and EMD shall be deposited in the manner mentioned in the work order/letter of intent.
  15. RETENTION MONEY: Retention Money for contracts up to a value of Rs. 100 lakhs, at the rate of 7.5% of the bills for works with defective liability period *not NIL* and at the rate of 5.0% for works with defective liability period "*NIL*" will be deducted from each bill until this amount together with the Initial Security Deposit reach the limit of retention which is 7.5% or 5.0% as the case may be for the value of work. The Retention Money shall be released after the satisfactory completion of defect liability period after liquidating the defects. For contracts of value above Rs.100 Lakhs, the limit of retention money shall be Rs.7.5 lakhs plus 5% of the value exceeding Rs.100 lakhs.
  16. Security Deposit: : The Public Sector Enterprises or State/Central Government Undertakings/ MSEs shall be required to submit a "Performance Guarantee Bond" of requisite value in the prescribed proforma in lieu of Security Deposit covering the period of contract + defect liability period + 6 months (Claim period). It may be noted that waiver of Security Deposit is permitted only up to the monetary limit as specified in the proof of enlistment for which the unit is registered for MSEs.
  17. Recovery of income tax at source will be made from contractor's bill and deposited with Income Tax Department as per rules. Recovery of sales tax applicable shall be made from the contractor's bills.

## 18 . SAFETY:

- a) The contractor and his workers must strictly take all safety precautions and shall supply to his workers dependable safety appliances like hand gloves, safety boots, safety belt, safety helmets, duster cloth, dust mask/nostril filter etc. In addition to this, contractor shall also provide additional safety appliances as per requirement and follow safe working practices like using fully insulated electrode holders etc. He shall also ensure that his workmen intelligently use only dependable safety appliances supplied to them.
- b) The contractor shall take adequate safety precaution to prevent accidents at site. The contractor shall also ensure that his employees observe the statutory safety rules and regulations and also those laid down by the employer from time to time and promptly submit report of accident and state the measures taken by him to prevent their recurrence and also keep the employer indemnified of all claims arising out of such accidents.
- c) No Workmen shall be engaged on the work without proper safety induction and without using required PPE. Use of safety helmet and shoe is must excepting in painting works where shoe will not be used.
- d) All the safety appliances required for safe working as decided by SED/Contract operating department shall be provided by the contractor to his workmen.
- e) Clearance to start the job will be obtained by the contractor in form 'A&B' before start of work. The forms may be obtained from the dept. concerned.
- f) Works at height cannot be started without clearance from Zonal Safety Officer. The workers engaged for work at height shall possess height pass from SED. The names of workmen working at height or in hazardous areas will be written on the body of form "B".
- g) Contravention of any safety regulation of VSP in vogue from time to time will result into work stoppage, levying penalties and ultimately in contract termination.

The list of safety violations by Contractor category wise are as follows:

- I. Category-I of Safety Violations:  
Penalty amount: First offence Rs.1000/-, 2<sup>nd</sup> or subsequent offences Rs.2000/-  
For Works / Non-works.  
Penalty amount: First offence Rs.1000/-, 2<sup>nd</sup> or subsequent offences Rs.2000/-  
For Projects

- (1) Not wearing crash helmet while riding Two-Wheeler in plant premises.

- II. Category-II of Safety Violations (Minor Violations):  
Penalty amount: Rs.3000/- - For Works / Non-works.  
Penalty amount: Rs.5000/- - For Projects

## A. HEIGHT:

- (1) Height Pass not made / not available;
- (2) Unauthorized entry at height / hazardous locations;
- (3) Fall arrester not provided / used;
- (4) Horizontal life line / guide rope not provided for anchoring full body safety harness.

## B. EXCAVATION:

- (1) Proper ladder/steps not provided for descending / ascending;
- (2) Shutting not done (below 2 mts. Level) of excavation;
- (3) Overhanging burden in pit not removed in excavation;
- (4) Excavated materials left near the edge of the pit.

## C. ELECTRICAL:

- (1) Power cable clamped with G. I. Wires to post / pillar;
- (2) Power cables tied on reinforce rod / structure without proper insulation;
- (3) Loose connection taken from sockets without proper plug;
- (4) Taking shelter behind electrical panel;
- (5) Power cables / electrical wires lying on ground in hap-hazard manner;

- (6) Source of supply / danger board not displayed on the electrical equipment;
- (7) Electrical Control Post not provided with Barricade / Shelter / Canopy;
- (8) Cables used having many joints;
- (9) Earthing not provided on Electrical Equipments;
- (10) ELCB not installed.

D. MATERIAL HANDLING:

- (1) Use of damaged slings / tools / ropes;
- (2) Fitness certificate of cranes / hydras / heavy vehicles not available;
- (3) Crane rope conditions not ok;
- (4) Rope of crane not clamped properly;
- (5) Guy ropes not used during shifting of materials.

E. GAS CUTTING:

- (1) Rolling / lifting of cylinders (without cage);
- (2) Gas cutting without required PPEs;
- (3) Gas hose pipe clamping done by wires;
- (4) Usage of LPG Cylinder beyond date of expiry;
- (5) Wet bags / covers not put on gas cylinder;
- (6) Loading / Unloading of cylinder – cushion not given.
- (7) Condition of hose pipe not good;
- (8) Working with leaking cylinder;
- (9) Flash Back Arrestor not provided at Torch / Cylinder ends;
- (10) Colour coding of gas cutting of hoses not followed.

F. ARC WELDING:

- (1) Welding with non-standard holder
- (2) Welding machine earthing not done (Double body earthing);
- (3) Using improper welding cable;
- (4) Welding cables used with many joints;
- (5) Lugs not provided for connecting cables to welding machines;
- (6) Local isolation switch not provided on welding machines.

G. PPEs:

- (1) Non usage of PPEs at site such as Safety Helmet, Shoes, Goggles, Hand Gloves, Face Shields etc., as per requirement.

H. VEHICLE:

- (1) Driving of heavy vehicles on the main road during restricted hours & restricted routes;
- (2) Parking at unauthorized place;
- (3) Using of truck with damaged body;
- (4) Dropping / Spillage of material on the road;
- (5) No number plate on vehicle;
- (6) No head light / signal lights / brake light / horn / reverse horn on the vehicle;
- (7) Types of vehicle having patching / bolting;
- (8) Violation of approved speed limits during plying on the road;
- (9) No front / rear wheel guards on Hydra;
- (10) Un-authorized dumping of material;
- (11) Driving license not available / in-valid;
- (12) Driving of two wheeler carrying more than one pillion rider;
- (13) Driving dangerously;
- (14) Overloading of vehicles;
- (15) Talking on cell phone while driving;

- (16) Vehicles transporting loads without tying / securing of loads / stock protruding out of the truck body / without red flags / red lights, side guards, donnage;
- (17) Drunk & driving;
- (18) Non availability o reverse horn of moving equipment;
- (19) Using hydra for material transportation on roads;
- (20) Marching of hydra without signal man & red flags;
- (21) Using trucks for transportation of persons.

I. PERMITS:

- (1) Working without work permit / shut down
- (2) Not putting red flags / stopper
- (3) Dismantling of structure without authorized plan
- (4) Unauthorized oxygen tapping
- (5) Working on VSP installations without permission
- (6) Critical / heavy erection of structures without authorized plan.

J. GENERAL:

- (1) Not having proper gate passes / other area passes
- (2) Not reporting of accident
- (3) Hand grinders / mixer machines without guard
- (4) Make-shift arrangement for job execution
- (5) Engaging workers without safety training
- (6) Using of defective tools
- (7) Unauthorized operation of equipment

K. STATUTORY RECORDS:

- (1) Safe Working Load (SWL) Certificates of lifting machines / equipments not valid / not available / details not displayed on the equipment
- (2) Valid Test Certificates of Electrical Hand Gloves / Full Body harness not available
- (3) Eye examination records of vehicle / crane operators not available
- (4) Electrical Authorization not available
- (5) Vehicles plying without valid insurance, valid fitness certificate, valid pollution under control certificate.

III. Minor subsequent – Repetition of safety violations as detailed under Category – li above

Penalty amount: 1<sup>st</sup> repetition of violation Rs.12,000/-, 2<sup>nd</sup> repetition of violation onwards Rs.24,000/- - For Works / Non-Works

Penalty amount: 1<sup>st</sup> repetition of violation Rs.15,000/-, 2<sup>nd</sup> repetition of violation onwards Rs.25,000/- - For Projects

IV. Category – IV of Safety Violations (Major Violations)

Penalty amount: Rs.20,000/- - For Works / Non-Works

Penalty amount: Rs.40,000/- - For Projects

HEIGHT:

- (1) Using bamboo / or other non-standard material for scaffolding
- (2) Railing not given at platforms or opening of floor
- (3) Scaffolding planks not tied
- (4) Throwing / dropping of material from height
- (5) Proper ladder / approach not given for working at height
- (6) Full body harness (FBH) not wearing
- (7) Lifeline of FBH not anchoring
- (8) Floor opening left unguarded in the area of work
- (9) Working at roof without daily permit
- (10) Walkway / cross over path not provided

## EXCAVATION:

- (1) No barricading of excavated pits

## ELECTRICAL:

- (1) Unauthorized working on electrical equipment

## VEHICLE:

- (1) Sleeping under truck

## ARC WELDING:

- (1) Welding screen not used

## GENERAL:

- (1) Absence of Supervisor at work site
- (2) Leaving loose sheets on the roof tops

- V. Fatal Accidents / Permanent disability  
 Penalty amount: 20% of contract value subjected to Min. Rs.1.00 lakh and Max. Rs.5.00 lakhs or banning of business dealing or both. – For Works / Non-Works  
 Penalty amount: 10% of contract value subjected to Min. Rs.5.00 lakhs and Max. Rs.10.00 lakhs or banning of business dealing or both. – For Projects

## Note:

- 1) Any other violation which is not listed above having potential to endanger human life / Property shall be liable for penalty under any of the categories listed above.
- 2) Independent of the above, the contractor shall be debarred from taking up further contractual work in VSP in case any repeated fatal accident after 3<sup>rd</sup> incident for the reasonable attributable to Contractor.
- 3) The Safety violations have been classified into five categories (I to V). Without prejudice to the right conferred by the Clause No. 16(g) of Special Conditions of Contract for stoppage of work for violation of safety rules, the contractor shall be liable for penalty at the rates as indicated depending upon the category of violation.
- 4) The penalties mentioned above are in addition to those which are applicable as per the Statutory Acts & Rules. In case of any imposed penalty by any Statutory Authority, the same shall be over and above the contractual clauses.
- 5) The above penalties related to the accidents mentioned at Category-V will be imposed on agency in case the reasons to the accidents are attributable to the agency.

## AUTHORITY FOR IMPOSING PENALTIES:

- 1) Penalty for violations falling under the Categories (I), (II) & (III) will be imposed by Engineer Incharge based on the findings by the designated officer of SED / Departmental Safety Officer / Zonal / Project Safety Officer / Operating Authority, a copy of the penalty imposition .
  - 2) Penalty to the violations falling under the Categories (IV) & (V) will be imposed by the Engineer Incharge, based on the recommendation of Head of SED in consultation with the Head of Operating Department.
  - 3) The penalty amount shall be recoverable from any bill and / or EMD / SD of the contractor without any further reference to him.
  - 4) For violations falling under the Category (V), besides penalty action for banning of business dealings with the contractor will be initiated, if recommended by the committee for enquiring into fatal cases.
- h) "The contractor shall ensure that the Welders and Gas Cutters wear cotton dress and leather apron. They shall not wear nylon/synthetic dress. This is required to avoid any fire accident. This must be followed strictly".

19. SHUTDOWNS:
- A) Necessary shutdowns will be arranged by VSP to the contractor for carrying out the work based on requirement. No claims on account of delayed/prolonged shutdown will be entertained.
  - B) The works assigned to the contractor by the Engineer from time to time shall be completed within the time schedule fixed by the Engineer in each case, within the approved shut down period.
20. LABOUR DEPLOYMENT:
- A) The contractor shall deploy his labour as per requirement and as instructed by the Engineer. It may be necessary to carryout the work round the clock based on requirement and shutdown provided. The contractor's rate shall cover such eventualities.
  - B) Only trained, experienced, safety inducted workers acceptable to the Engineer shall be engaged on this work, work shall be executed as per specifications to the satisfaction of the Engineer.
  - C) As and when need arises in the Annual works from time to time either for extra requirement of work or as a replacement in running contracts or a contract commencing for the first time, the contractor shall ensure that Displaced Persons (DPs) are engaged in unskilled category of workers to the extent of 50% (fifty percent). The contractor shall contract the Engineer-in-charge for this purpose.
  - D) "As and when need arises in the annual works from time to time either for extra requirement of work or as a replacement in running contracts or a contract commencing for the first time in semi-skilled category, the contractor shall ensure the minimum qualification of ITI in the relevant field for such semi-skilled category of workers. The contractor will also ensure to engage 50% (Fifty percent) of such semi-skilled vacancies from Displaced Persons (DPs) category. The contractor shall contact the Engineer-in-charge (EIC) for this purpose".
  - E) The Contractor shall engage contract worker(s) who do not have any adverse record with respect to his character in the past. For this purpose, the character and antecedents of the proposed worker(s) whom the Contractor intended to engage, shall be got verified by the Police and report shall be submitted. Till such time the report is submitted, the proposed contract worker(s) will be given only provisional pass and the pass will be cancelled in case any adverse report is reported.
21. SECURITY REGULATIONS: The contractor shall abide by and also observe all security regulations promulgated from time to time by the employer.
22. STORING/STACKING OF MATERIALS: Storing/Stacking/Placing of materials shall be only at the places designated by the engineer.
23. The contractor, his supervisors and workmen shall observe entry and exit timings strictly.
24. After completion of work activity, the site has to be cleared of all debris, construction material and the like.
25. The successful tenderer shall start the work immediately after obtaining gate passes and safety induction training and clearance from the Employer.
26. NOTICES: Any notice to be given to the contractor under terms of the contract shall be considered duly served, if the same has been delivered to, left for or posted by registered post to the contractors principal place of business (or in the event of the contractor being a company, its registered office), at the site or to their last known address.
27. DEFAULT BY TENDERERS: The successful tenderer may be debarred at the discretion of the company, from issue of further tender documents, work orders etc., for a specified period to be decided by the employer in case of :  
 "Undue delay in starting and execution of work awarded, poor performance, backing out from the tender, non accepting work order/LOI during the validity of tender or non observance of safety rules and regulations, misappropriation of company's materials/property, non payment of due wages to labour or such similar defaults".
28. Successful tenderer should be in a position to produce the Original Certificate in support of the attested copies of relevant documents enclosed along with pre-qualification documents or afterwards, after opening of the Price Bids.
29. Failure to produce the original certificates at this stage in support of the attested copies of PF Registration/ITCC/Electrical License/Experience/Qualification any other documents etc., submitted earlier would result in disqualification and forfeiture of EMD and also liable for debarring from participation in VSP tenders.

30. If it comes to the notice of VSP at any stage right from request for registration/tender document that any of the certificates/documents submitted by applicant for registration or by bidders are found to be false/fake/doctored, the party will be debarred from participation in all VSP tenders for a period of 05 (FIVE) YEARS including termination of Contract, if awarded. EMD / Security Deposit etc., if any, will be forfeited. The Contracting Agency in such cases shall make good to VSP any loss or damage resulting from such termination. Contracts in operation any where in VSP will also be terminated with attendant fall outs like forfeiture of E.M.D. / Security Deposit, if any, and recovery of risk and cost charges etc. Decision of V.S.P. Management will be final and binding.
31. Failure to execute the work after LOI/WORK ORDER is given, will make the party liable for debarring for a period of 2 (TWO) YEARS.
32. In case it is found before/after award of work to the person/agency through Limited Tender Enquiry (LTE) that the same person/agency is proprietor/proprietress/partner of two or more separate agencies and quoted for the same work, then punitive action to the extent of debarring up to 02 (Two) years from participating in VSP tenders will be taken.
33. In case the Tenderers revoke/withdraw/cancel their tender or they vary any terms of their tender during the validity period of the tender without the written consent of Visakhapatnam Steel Plant (VSP) or in the event of VSP accepting their tender and fail to deposit the required security money, execute the Agreement and fail to start the work within reasonable time (to be determined by the Engineer) after written acceptance of their tender – EMD submitted by them will be forfeited by VSP.
34. Contractor shall note that:
- i) Time for mobilization after issue of FAX Letter of Intent/detailed Letter of Intent / Work Order shall be;
    - a. 03 (Three) days for Capital Repairs
    - b. 15 days for Civil Works
    - c. 60 days for painting works of Structural Engineering Department
    - d. 07 (Seven) days for Annual Mechanical, Electrical and works of technological assistance/cleaning.
  - ii) Re-starting the work after disruption shall be within 04 (Four) to 06 (Six) hours after the cause of disruption is removed as decided by the HOD.
  - iii) Notice period for Contract Termination shall be - 03 (Three) hours in the event of breakdowns, 02 (Two) days in Capital Repairs and 10 days in other works.
- Failure to adhere to above stipulations may result in Termination of contract at risk & cost and will make the party liable for debarring for a period o 2 (Two) years.*
35. Agencies are required to submit Bank Guarantee for the value as decided by the Engineer as a Security while taking out Equipment/Components/materials of VSP to their workshop situated outside the VSP premises for carrying out repairs.
36. In case of revision in RINL / VSP approved wage rate, consequent to the revision in the minimum wages (either in Basic Wage or Living Allowances) as notified by the Regional Labour Commissioner (Central), Hyderabad, Escalation amount to the contract shall be payable as per the following formula:

$$V=a*(USR-USRo)+b*(SSR-SSRo)+c*(SKR-SKRo)$$

WHERE:

V = Escalation Payable

a = man days present by USW during the billing period

b = man days present by SSW during the billing period

c = man days present by SKW during the billing period

USR = Revised VSP approved Rate for USW at the time of billing

SSR = Revised VSP approved Rate for SSW at the time of billing

SKR = Revised VSP approved Rate for SKW at the time of billing

USRo = VSP approved Rate for USW indicated based on which the Estimate of work was prepared,

SSRo = VSP approved Rate for SSW indicated based on which the Estimate of work was prepared,

SKRo = VSP approved Rate for SKW indicated based on which the Estimate of work was prepared

(The above escalation shall be independent of the award percentage whether positive or negative)

37. **PAYMENT OF MINIMUM WAGES :**

37.1. *Wages paid to the workmen by the contractor should not be less than the rates notified by the Regional Labour Commissioner (Central), Hyderabad, from time to time with regard to the minimum wages applicable to the respective categories of workmen **plus the ad-hoc amount at the rate of Rs.11.54ps as per working day per workman per category.** Wages with ad-hoc amount to the workmen should be paid on or before the 7<sup>th</sup> of the subsequent month. if 7<sup>th</sup> falls on a holiday or weekly off day, the payment should be made one day prior to that. Payment of PF for the month, both the employer's (in this case contractor) and employee's (in this case workmen employed by the contractor) contributions should be deposited in the bank in the permanent PF code number and challan obtained before the 15<sup>th</sup> of the subsequent month and forwarded to the Engineer". In case of failure of the contractor to comply with any of the above, the following action will be taken by VSP.*

- 1a) Lapse -----Payment of wages at rates less than those notified under the minimum wages.  
Action by VSP -----An amount equivalent to the differential amount between wages to be paid under minimum wages notification of the Government applicable for the period less actual wages paid shall be recovered from the bills as certified by the engineer.
- b) Lapse -----Non payment of adhoc amount  
Action by VSP -----An amount equivalent to actual payable towards adhoc amount to the workmen engaged for relevant period shall be recovered from the bills as certified by the Engr.
- 2) Lapse -----Non payment of wages  
Action by VSP -----An amount equivalent to wages payable by the contractor applicable for the relevant period shall be recovered from the bills as certified by the Engineer.
- 3) Lapse -----Non payment of PF  
Action by VSP -----Recovery of PF amount and an amount equivalent to maximum penalty leviable by Regional Provident Fund Commissioner for the delayed period under the provisions of ERP & MP Act and Rules for delayed remittance of PF contributions (both the employee's and employer's contribution), shall be recovered from the bills of contractor as certified by Engineer.
- 4) Lapse -----Delayed payment of PF  
Action by VSP ----- An amount equivalent to maximum penalty leviable by Regional provident Fund Commissioner for the delayed period under the provisions of EPF & MP Act and rules for delayed remittance of PF contributions (both the employee's and employer's contribution), shall be recovered from the bills of the contractor as certified by Engineer.

- 37.2. The contractor shall have to pay WELFARE ALLOWANCE (earlier known as SMA, ASMA) towards fuel charges, food, milk, tiffin, coconut water, washing allowance etc @ Rs.80.76ps per day of actual attendance of each worker deployed in the contract not exceeding Rs.2100/- per month in addition to the wages as indicated in the minimum wages clause of Special Conditions of Contract . The contractor will submit his claim with proof of such payment made in this connection in the RA Bill and the same amount will be reimbursed/paid to him.
- 37.2.1. It may be noted that the payment of WELFARE ALLOWANCE is towards the expenditure incurred by the contract labour towards Fuel Charge, Coconut Water Allowance, Washing Allowance, Food/Milk/Tiffin Allowance.
- 37.2.2. The contractor is required to take the above aspects into consideration while submitting their offers and no profit/overhead charges will be paid by VSP on this account.
- 37.2.3. As regards applicability of payment of WELFARE ALLOWANCE, the contractor may refer NIT/Terms & Conditions of the contract in this regard.
- 37.3. (a) Penalty for delayed payment / non-payment of wages:  
If the contractor fails to pay wages within the stipulated time ie., by 7<sup>th</sup> working day of the subsequent month, a penalty up to 1% of the gross wages (Basic, DA & Over time (if any) except Adhoc, SMA, ASMA and other allowances) of the workers will be levied for every day of lapse subject to a maximum of 10% in any calendar month. This is without prejudice to appropriate action against the contractor including debarring, in case of perpetual / habitual default”.
- (b) Payment of wages through banks:  
The contractor shall pay wages not less than the minimum wages notified by the appropriate Government from time to time to the workers deployed by him. The payment shall be made on the due dates either by way of crossed cheques or crediting the wages to the bank accounts of the concerned contract workers. Proof of such payment shall be submitted by the contractor to the Engineer Incharge by 10<sup>th</sup> of the subsequent calendar month.
38. The contract period can be extended at the discretion of V.S.P. up to 04 (Four) months at the existing Rates, Terms and conditions and the Contractor shall be bound to execute the work accordingly and the offer of the Contractor is deemed to include this aspect.
39. The tenderers shall note that in case of quoting above the Estimated Value of V.S.P. the L-1 party shall furnish logical / satisfactory explanation which V.S.P. may seek if felt necessary for quoting such high rates. If the explanation offered by the L-1 party is not acceptable to V.S.P., the L-1 party may be recommended for disqualification while retendering the work.
40. The contractor should clearly understand and comply with the Factories Act 1948 and relieve the FEMALE WORKERS from their work site within the restricted working hours prescribed therein under section 66(b).

41. The following deductions per workman deployed category-wise shall be made from the bills/amounts due to the contractor as applicable for the work done and such deducted amounts shall be released as mentioned below:

- 1) Component ----- Notice pay  
Recovery amount per labour per every working day ---  
USK ----NIL      SSK ----NIL,      SK----NIL
- 2) Component ----- Retrenchment compensation  
Recovery amount per labour per every working day -----  
USK ----Rs.22.91 ps,      SSK ----Rs.25.87 ps,      SK----Rs.30.33 ps
- 3) Component ----- Leave with wages  
Recovery amount per labour per every working day  
USK ----Rs.28.20 ps,      SSK ----Rs.31.84 ps,      SK----Rs.37.33 ps

To be released when ----- After the contractor makes payment to the work men in the presence of Engineer Incharge and CLC representatives, a certificate to this effect is to be enclosed with pre-final bill (to be paid with pre-final bill).

Sub-total -  
USK ----Rs.51.11 ps,      SSK ----Rs.57.71 ps,      SK----Rs.67.66 ps

- 4) Component ----- Bonus  
Recovery amount per labour per every working day  
USK ----Rs.45.80 ps,      SSK ----Rs.51.72 ps,      SK----Rs.60.64 ps

To be released when ----- After the contractor makes the payment to the workmen in the presence of Engineer Incharge and CLC representatives, a certificate to this effect is to be enclosed with RA bill / pre-final bill (to be paid with RA bill / pre-final bill as and when paid by the contractor).

GRAND TOTAL  
USK ----Rs.96.91 ps,      SSK ----Rs.109.43 ps,      SK----Rs.128.30 ps  
10% towards profit and over heads of contractor  
USK ----Rs.9.69 ps,      SSK ----Rs.10.94 ps,      SK----Rs.12.83 ps  
Total recovery amount  
USK ----Rs.106.60 ps,      SSK ----Rs.120.37 ps,      SK----Rs.141.13 ps

Note:

- i) The above recovery rates are effective from 01/10/2020. In case of any statutory revision in minimum wages payable to contract workmen as notified by the Regional Labour Commissioner (Central), Hyderabad from time to time, the above recovery amounts for workmen category-wise will be revised by RINL/VSP and will be notified accordingly.
- ii) Payment against the above component is to be made to the workmen based on effective wages of last drawn pay.
- iii) The contractor shall have to pay the Terminal Benefits like Notice pay (if notice is not served by the contractor to the workman as per statutory requirements), Retrenchment compensation, Annual leave with wages and bonus to the contract labour as per statutory provisions applicable to them at the end of the work order or extension of contract, if any and as the case may be, through Bank and submit the proof thereof for the release of Pre-Final/ Final Bill by RINL to the contractor, failing which it will be deemed that the contractor had not paid the dues to the contract labour and RINL will release the terminal benefits payable to the contract labour engaged by the contractor by defraying the same from the amount recovered by and available with it towards the terminal benefits from the bills of the contractor and any other sums of the contractor available with the RINL, further the contractor will be debarred for a period of one year from participating in any of the RINL's future tenders from the date of the order

**42. PAYMENT MODE FOR BILL AMOUNTS:**

42.1 Following are the options available to the Contractors for availing e-payments.

42.1.1 **EFT System:** Under this system Banks offer their customers money Transfer service from account of any bank branch to any other Bank Branch. The EFT system presently covers all the branches of about 77 banks located at 15 centers indicated below, where clearing houses are managed by RBI i.e.,

i) New Delhi ii) Chandigarh iii) Kanpur iv) Jaipur v) Ahmedabad vi) Mumbai vii) Nagpur viii) Hyderabad ix) Bangalore x) Chennai xi) Trivendrum xii) Kolkata xiii) Bhubaneswar xiv) Guwahati xv) Patna.

42.1.2 **Direct Credit:** Suppliers opting for this system may open Bank accounts with any one of the following banks.

i)	State Bank of India	-	Steel Plant Branch
ii)	Canara Bank	-	Steel Plant Branch
iii)	Bank of Baroda	-	Steel Plant Branch
iv)	State Bank of Hyderabad	-	Steel Plant Township Branch
v)	Andhra Bank	-	Steel Plant Township Branch
vi)	UCO Bank	-	Steel Plant Township Branch
vii)	IDBI	-	Visakhapatnam Branch

42.2 The Successful tenderer shall agree that all the payment due and payable in terms of the contract will be paid direct to his bank account and he shall give the bank account number and the address of the Bank in which the money is to be deposited" as per the format given below:

- (1) Vendor Code :
- (2) Option : RTGS / EFT
- (3) Beneficiary Details
- a) Name of Beneficiary (Max.35 characters) :
- b) Bank Name (Max. 35 characters) :
- c) Branch Name (Max. 35 characters) :
- d) Account Number (Max. 35 characters) :
- e) Account type (Max. 35 characters) :  
(Savings / Current / Overdraft) [Mention Code No. also]
- f) Beneficiary Bank's IFSC Code (Max. 11 characters):  
(For RTGS Mode only)
- g) Beneficiary Bank's MICR Code (Max.09 characters):  
(For EFT Mode only)

(Signature of the Party / Contractor)

Name:

Desgn:

**CERTIFICATE**

Certified that the above particulars are found to be correct and matching with our records in respect of the above beneficiary.

Sd/-.....

(Signature of Branch Manager)

Name :

Seal of Bank :

42.3 The contractor has to submit their bank account details in VSP format duly certified by Concerned Bank Manager for the purpose of making electronic payment before submission of First Running Account Bill, failing which the bill will not be processed.

42.4. The Successful tenderer is required to give an undertaking to the Finance Department of VSP that the payment made by RINL/ VSP of any sum due to him by directly remitting the same in his bank, the address and the number of which is to be furnished, shall be in full discharge of the particular bill raised by him, and that he shall not have any claim in respect of the same".

- 42.5 *In respect of payment made through Electronic Fund Transfer mechanism or Direct Credit to the supplier's/contractor's bank account, the supplier/contractor/receiver should intimate discrepancies, if any, within 10 days from the date of dispatch of intimation letter of payment to them to Finance Department of VSP failing which it shall be presumed that the funds have reached to their bank account and that no claims will be entertained after the said 10 days.*
43. CLAUSES CONCERNING INPUT TAX CREDIT (ITC) AGAINST GST:
- a) The successful tenderer shall take necessary steps to comply with the rules and provisions of GST law facilitating VSP to avail ITC.
  - b) Price condition: Tenderers shall quote the price of the goods or services excluding GST. Applicable GST shall be indicated against each item and will be paid extra on submission of tax invoice.  
In case tenderer opted for composition scheme, GST will not be charged extra and the price quoted includes the GST applicable to composite scheme. Tenderers have to specify that they have opted for composition scheme and GST is included as applicable for composition.  
Evaluation criteria:
    1. In case of supply of goods or services on which RINL / VSP is eligible to avail GST input tax credit, evaluation of tender shall be on the basis of landed cost excluding GST.
    2. In case of supply of goods or services on which the employer (RINL/VSP) is not eligible to avail GST input tax credit, the applicable GST payable by RINL/VSP (in case of unregistered taxable supplies) or GST to be charged by the registered taxable supplier as applicable, shall be added to the landed cost for evaluation purposes.
  - b) The tax invoice raised by the Contractor should clearly mention VSP as the recipient. It should be ensured that material has been delivered along with the duplicate for transporter copy of the tax invoice, based on which Input Tax Credit is to be claimed.
  - d) The duty paying documents shall be submitted as soon as the material is procured by the agency for incorporation in the work. In case the material is supplied from a third party, it should be backed up with a GST Tax Invoice from Contractor.
  - e) Material once received in to the factory would not be allowed to go outside the factory premises for any reason. Excess/Rejected material will be allowed to be taken back after complying with the provisions of GST Act.
- 43.1 Vendor/Supplier/Contractor shall comply with all the necessary statutory compliances including but not limited to providing GST invoices or other documentation as per GST law relating to the above supply/service to RINL, uploading the details of the invoice, payment of taxes, timely filing of valid statutory returns for the tax period in the Goods and Service Tax Portal.  
In case of Input Tax Credit of GST is denied or demand is recovered from RINL on account of any act of the Vendor, including but not limited to non-payment of GST charged and recovered, non-generation of E-Way Bill, non-filing of Returns, non-uploading/improper uploading of valid invoices raised on RINL in the Returns etc., the Vendor/Supplier/Contractor shall indemnify RINL 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. Such amount shall be recovered from any payments due to the vendor/supplier/contractor or from security deposit or any other amount available in the same contract or in other contracts including future contracts.  
If any tax has been paid by the vendor/supplier/contractor in pursuance of any demand on account of suppression, fraud or willful misstatements of facts, then the same shall not be passed on to RINL through debit notes or invoices or supplementary invoices.
44. RINL reserves the right to reject the offers of tenderers whose performance is poor in awarded / ongoing works if any.
45. If the tenderer's quoted price appears to be abnormally low, the Tender Committee may seek written clarification from the bidder to demonstrate his capabilities to deliver the contract at offered price. In case the Tender Committee is not satisfied with the tenderer's clarifications, the proposal/bid may be rejected. Such tenderer may be recommended for disqualification from participating while retendering the subject work.

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## TERMS AND CONDITIONS

<b>WORK DESC</b>	<b>: Mechanical Maintenance of Equipments of SP-2 Package - III for 2021-23</b>
<b>Cond No</b>	<b>Cond Desc</b>
1	The contractor should abide by all safety rules and procedure applicable in VSP.
2	Weight of the scaffolding/temporary structure prepared for carrying out the job will not be considered for weighment.
3	All the scrap generated during the job is to be accumulated & shifted to one place shown by the site engineer.
4	The party has to mobilize sufficient man power to complete the job in the stipulated time assigned by the site engineer within notice of 8 hours.
5	The contractor has to collect necessary spares from SP stores, ARS & shift it to the work spot and old one should be returned back.
6	Defect liability period is 3 months from the completion of the job.period of contract is 12 months.
7	Welding M/C, feeders and welding cable with properly insulated electrode holders, gas cutting set (i.e. cutting hose, regulator, cutting torch, etc.) and all other required accessories are in contractor's scope.
8	Required tools and tackles including slings for performing the job are in contractor's scope.
9	The contractor has to do welding with the electrode suggested by VSP Engineer.
10	The contractor has to collect electrodes/steel material and shift to work spot after necessary preparatory work well in advance.
11	Contractor should ensure round the clock continuous work with different set of skilled workers in each shift. The contractor should be able to provide adequate number of welders/welding machines/feeders at short notice.
12	During the process of welding any other activity like marking, fitting, pre-heating, gas cutting, gouging, grinding etc, will be done by the contractor.
13	The contractor shall ensure usage of ISI marked regulators, hoses, nozzles, cutting torches, welding holders and cables for the cutting and welding works. This must be adhered to strictly.
14	The contractor has to ensure supply of manpower in G Shift as well as in A,B,C Shifts as per Sinter Plant-2 requirement as stated by the Engineer in-charge. The weekly off of the manpower should be staggered unless otherwise specified for all the manpower covered in this contract. Contractor is responsible for attendance & leave to his manpower. Required relievers for leave period of to be arranged by the contractor.
15	The contractor shall depute qualified and experienced Shift/Planning Assistant for supervision of the work and the Shift/Planning Assistant shall be available to execute the jobs safely and reliably within the stipulated time. Feed back to be given regularly regarding the progress or completion of the job to the Engineer in charge.
16	Man day means 8.5 hrs working per day per workmen The contractor or his representative should deploy his workmen on work by 9.00AM daily and report to the site engineer at 9.00AM in `G shift and A, B & C shifts as per VSP shift timings.

## TERMS AND CONDITIONS

<b>WORK DESC</b>	<b>: Mechanical Maintenance of Equipments of SP-2 Package - III for 2021-23</b>
<b>Cond No</b>	<b>Cond Desc</b>
17	Contractor shall depute qualified and experienced Welder cum Gas cutter and Fitter one person in each group of manpower supplied.
18	The manpower specified in the contract for different jobs in general shift and shifts must be available at site. If a person is absent for more than 2 hours then he will be treated as absent and his attendance will not be certified for the day.
19	There should be regular shuffling between workman working in G Shift and A, B, C shifts as required and directed by Engineer in charge/his Representative.
20	Agency shall ensure confirm the availability of the supervisors at work place during the contract period at VSP.
21	The agency shall have resources and be prepared to work round the clock Including Sundays and holidays whenever required.
22.	Welfare allowance (SMA & ASMA) shall be payable to contract labors deployed in site in Highly Skilled, Skilled, Semi Skilled and Un Skilled categories including Supervisors Other than service Engineers/ Engineers/Contractors representative/ Administrative staff of contractors e.g HR officers, Office staff, Regular employees of contracting agency, drivers deployed for their staff cars/envisaged temporary contract labor on onetime basis/additional contract labor engaged one time basis (during execution)
23	<p>GST CLAUSE: The scope of materials supply and consumables supply in the present proposal are as follows:</p> <p>a) Materials to be supplied by VSP: Spares, steel.</p> <p>b) Consumables to be supplied by VSP: LPG/DA &amp; Oxygen gases, Cleaning fluids, welding electrodes including gouging electrodes, electric power etc.,</p> <p>c) Materials to be supplied by Contractor: Nil</p> <p>d) Consumables to be supplied by contractor: Nil</p> <p>The deduction of GST shall be done as per the rules prevailing from time to time.</p>

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Work Desc : **Mechanical Maintenance of Equipments of SP-2 Package - III for 2021-23**

Cond No	Cond Desc
1	<p>BOQ NO-1 (HAMMER CRUSHER BEATER HEAD CHANGING):</p> <ol style="list-style-type: none"> <li>1. Collect the necessary spares like hammers, beater arms and locking pin for designated place to the site.</li> <li>2. Remove the hammer crusher rear part (rear door) of the machine casing bolts and un fold with the help of door opening arrangement.</li> <li>3. Rotor has to be locked with rotor locking arrangement.</li> <li>4. Draw out the beater bar one by one and remove the worn out beater heads from the beater bar and replace the new beater heads.</li> <li>5. After replacing the beaters heads and fix the beater bar.</li> <li>6. After changing the beater heads of one row remove the rotor lock and turn the rotor so that it adepts a position suited for the replacement of next row of beater assembly.</li> <li>7. Repeat the points 3, 4, 5 &amp; 6 for all rows to replace the worn out beater heads.</li> <li>8. After changing the all rows of beater heads unlock the rotor and close rear casing (rear door) of the machine with the help of the door closing arrangement.</li> <li>9. Fix all the casing bolts and tighten firmly and ensure any leakages from joints.</li> </ol>
2	<p>BOQ NO-2 (HAMMER CRUSHER BREAKER PLATE CHANGING):</p> <ol style="list-style-type: none"> <li>1. Collect the necessary spares from designated place.</li> <li>2. Remove the bolts of hammer crusher Rear/Front part of the machine casing and unfold the casing with the help of door opening arrangement.</li> <li>3. Rotor has to be locked with rotor locking arrangement.</li> <li>4. Hold the breaker plate with the help of crane and remove the Hex. Bolts of damaged breaker plate.</li> <li>5. Remove the breaker plate with the help of crane and shift to designated place.</li> <li>6. Shift &amp; position the new breaker plate in crusher and fix it with Hex. Bolt to the crusher casing.</li> <li>7. Check/adjust the gap between beater plate and beater heads,</li> <li>8. Close the casing with the help of door closing arrangement and tight the casing bolts firmly and ensure no leakage.</li> </ol>
3	<p>BOQ NO-3 (HAMMER CRUSHER ROTOR ASSEMBLY CHANGING):</p> <ol style="list-style-type: none"> <li>1. Remove the V belt guard &amp; belts from the drive pulley.</li> <li>2. Remove the bolts of hammer crusher Rear/Front part of machine casing and unfold the casing with the help of door opening arrangement.</li> <li>3. Retractable feeder has to be pulled back and remove the feeding chute.</li> <li>4. Remove the housing middle parts of drive &amp; non drive ends.</li> <li>5. Remove the plumber block base bolts of rotor assembly &amp; grease pipe line connections.</li> <li>6. Lift and shift the defective rotor assembly with the help of crane.</li> <li>7. Shift and position new rotor assembly and necessary alignment to be done and base bolts to be tightened firmly.</li> <li>8. Static balance of rotor assembly to be done.</li> <li>9. Fix the housing middle part both drive end and non drive end.</li> <li>10. Fix of feeding chute to the crusher.</li> <li>11. Fix the beater arms along with beater heads.</li> <li>12. Close the hammer crusher Rear &amp; Front casings (doors) with the help of door closing arrangement and all bolts to be tightened firmly.</li> <li>13. Connect the grease pipes to bearing housings &amp; greasing has to be done with manually operated centralized grease arrangement.</li> </ol>

## SCOPE OF WORK

Work Desc : **Mechanical Maintenance of Equipments of SP-2 Package - III for 2021-23**

14. Fix the V-belts and guard give proper tensioning of belt.
15. Trail run to be taken.

- 4 BOQ NO- 4, (CHANGING OF HYDRAULIC CYLINDER):
1. Collect the new hydraulic cylinder from designated place.
  2. Hydraulic hoses to be disconnected from hydraulic cylinders.
  3. Hydraulic cylinders holding pins to be removed.
  4. Remove the Hydraulic cylinder from the hammer crusher.
  5. Positioning of new cylinder and fixing of pins .
  6. Connect the hydraulic hoses and testing to be done for proper functioning and leakages.
  7. If any leakages observed during testing, the same to be rectified.

- 5 BOQ NO-5 (PREVENTIVE MAINTENANCE OF HAMMER CRUSHER):
1. Preventive maintenance schedule to be followed as directed by Engineer in charge.
  2. Greasing of bearing housings has to be done with manually operated centralized grease arrangement
  3. Check the all base bolts tightness any abnormality same to be rectified immediately.
  4. Check the tensioning of V-belts, if required tensioning to be given.
  5. Checking of fluid coupling & Hydraulic power pack oil levels/topping of correct grade oil if required.
  6. Check the oil leakages from hydraulic cylinder, Hoses, the leakages should be arrested.
  7. Checking of all inspections doors for dust leakages and if required door packings to be replaced.
  8. Re visioning of breaker plate adjustment spindle.
  9. Greasing of cage hinge shaft and door hinge pins.

- 6 BOQ NO-6. (CAPITAL REPAIR OF HAMMER CRUSHER):
1. Remove the V belt guard & belts from the drive pulley.
  2. Remove the bolts of hammer crusher Rear/Front part of the machine casing and unfold the casing with help of door opening arrangement.
  3. Retractable feeder has to be pulled back and remove the feeding chute.
  4. Remove the housing middle parts of drive & non drive ends.
  5. Remove the plumber block base bolts of rotor assembly & grease pipe line connections.
  6. Lift and shift the defective rotor assembly with the help of crane.
  7. Remove the Damaged breaker plates and liners from hammer crusher body.
  8. Positioning the new breaker plate & liners and fix with bolts.
  9. Shift and position new rotor assembly and necessary alignment to be done and base bolts to be tightened firmly.
  10. Static balance of rotor assembly to be done.
  11. Fix the housing middle part both drive end and non drive end.
  12. Fix of feeding chute to the crusher.
  13. Fix the beater arms along with beater heads.
  14. Close the hammer crusher Rear & Front casings (doors) with the help of door closing arrangement and all bolts to be tightened firmly.
  15. Connect the grease pipes to bearing housings & greasing has to be done with manually operated centralized grease arrangement.
  16. Fix the V-belts and guard, give proper tensioning of belt.
  17. Trail run to be taken.

## SCOPE OF WORK

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| 7  | <p>BOQ NO-7. (PREVENTIVE MAINTENANCE OF COKE CRUSHER):</p> <ol style="list-style-type: none"> <li>1. Checking/greasing of all grease points as per schedule given by site engineer.</li> <li>2. Checking of roll bearing housing bolts, grinding attachment, hydraulic cylinders. If required tightening to be done.</li> <li>3. Check the oil level of hydraulic power pack unit if required oil topping to be done,</li> <li>4. Check the oil leakage from hydraulic cylinder hoses/pipes the same to be rectified.</li> <li>5. Revisioning of roll grinding attachment spindles and changing of grinding wheels if required.</li> <li>6. Checking/tightening of drive units foundation bolts for floating roll and fixed roll.</li> <li>7. Inspection of V-belts condition of both rolls if required changing/tensioning to be done.</li> </ol>  |
| 8  | <p>BOQ NO-8. (ROLL CHANGING OF COKE CRUSHER):</p> <ol style="list-style-type: none"> <li>1. Remove the V-belt guard &amp; V-belts of coke crusher,</li> <li>2. Remove the roll casing cover bolts &amp; lift the casing cover with the help of crane.</li> <li>3. Release the hydraulic cylinder tension if it is floating roll and disconnect cylinders from bearing housings.</li> <li>4. Remove the plumber block base bolts of the defective roll.</li> <li>5. Lift &amp; shift the defective roll with the help crane to the designated place.</li> <li>6. Shift and position the new roll on base and fix the base bolts after necessary adjustment/alignment.</li> <li>7. Connect the hydraulic cylinder to roll bearing housings.</li> <li>8. Position the casing cover and fix the fasteners firmly.</li> <li>9. Fixing of V-Belts and required tensioning to be given.</li> <li>10. Fixing of V-belt guard and greasing of bearing housings.</li> <li>11. Trail run of the coke crusher.</li> </ol> |
| 9  | <p>BOQ NO-9. (CHANGING OF MATS OF FLIP FLOW SCREEN):</p> <ol style="list-style-type: none"> <li>1. Remove the top cover plates of flip flow screen.</li> <li>2. Remove the total row of the cap nuts of the defective mat (Polyurethane) at charging side as well as discharge side.</li> <li>3. Remove the defective mat from the screen.</li> <li>4. Inspect apron rubber if required it has to be replaced.</li> <li>5. Replace new mat and fix cap nuts properly.</li> <li>6. Inspect clamping ledges upper part or lower part if required replacement to be done.</li> <li>7. Placement of top covers.</li> </ol>  |
| 10 | <p>BOQ NO-10. (PREVENTIVE MAINTENANCE OF FLIP FLOW SCREEN):</p> <ol style="list-style-type: none"> <li>1. Inspection of V-belts condition of flip flow screen if required damaged belts to be replaced.</li> <li>2. Checking/tightening drive unit &amp; pillow block housing base bolts.</li> <li>3. Checking of support spring condition if required replacement to be done.</li> <li>4. Contractor has to grease pillow block bearing housing, carbon shaft and vibrating unit.</li> <li>5. Inspection of charging and discharge chute condition.</li> <li>6. Inspection of cordon shaft if required changing to be done.</li> <li>7. Inspection of guide springs, rubber springs and thrust rod springs if</li> </ol>   |

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required replacement to be done.

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| 11 | <p>BOQ NO-11. (PREVENTIVE MAINTENANCE OF TWIN BOOM STACKER):</p> <ol style="list-style-type: none"> <li>1. Checking and tightening of all base bolts of all gear boxes.</li> <li>2. Greasing of all grease point as per lubrication schedule as decided by Engineer-in-charge.</li> <li>3. Checking of PCRD gear box oil levels and guide adjustment.</li> <li>4. Checking of oil levels and topping of the gear boxes (LT, Boom conveyor &amp; Hoist).</li> <li>5. Checking/revisioning of boom conveyor tensioning arrangement including hydraulic system.</li> <li>6. Checking/revisioning of rail clamp mechanism.</li> <li>7. Checking/topping of oil in fluid coupling.</li> <li>8. Checking/adjustment/replacement of brake shoes of all brake units.</li> <li>9. Revisioning of thruster brake units.</li> <li>10. Greasing of boom conveyor hinge pins, hoist pulley pins and brake units pins.</li> <li>11. Revisioning of grease pumps and filling of grease in grease units.</li> </ol> |
| 12 | <p>BOQ NO-12. (CHANGING OF TBS LONG TRAVEL/BRC LONG TRAVEL/TBS HOIST/TBS BOOM CONVEYOR GEAR BOX</p> <ol style="list-style-type: none"> <li>1. Remove the coupling guards and input &amp; out put coupling bolts of gear box. (In case of LT gear box shrink disc coupling to be disconnected).</li> <li>2. Remove the base bolts of gear box.</li> <li>3. List and shift the defective gear box with help of mobile crane.</li> <li>4. Shift and placement of new gear box and fixing of foundation bolts.</li> <li>5. Alignment of output coupling of gear box with respective drive pulley. (In case of LT gear box shrink disc coupling to be fixed with required torque) and input coupling with respective motor.</li> <li>6. Filling of recommended lubricant in gear box and greasing of output coupling has to be done.</li> </ol>  |
| 13 | <p>BOQ NO-13. (CHANGING OF WIRE ROPE OF TBS BOOM HOISTING):</p> <ol style="list-style-type: none"> <li>1. Rest the TBS boom in horizontal position on a stand.</li> <li>2. Remove the wire rope clamps of hoisting drum.</li> <li>3. Remove the damaged wire rope form hoisting drum and pulleys.</li> <li>4. Replace the required length of new wire rope as per procedure.</li> <li>5. Fix the wire rope on hoisting drum with clamps.</li> <li>6. Trail Run.</li> </ol>  |
| 14 | <p>BOQ NO-14. (CHANGING OF LT WHEEL OF TBS AND BRC):</p> <ol style="list-style-type: none"> <li>1. Remove bearing housing and torque arm bolts.</li> <li>2. Remove the grease connections.</li> <li>3. Remove the damaged wheel with proper jacking and arresting with proper packings/supports.</li> <li>4. Position the new wheel and fix the bearing housing torque arm support bolts and remove packing/supports.</li> <li>5. Alignment/Trail run to be done</li> <li>6. Connect the grease connections to bearing housing cover.</li> </ol>  |
| 15 | <p>BOQ NO-15. (PREVENTIVE MAINTENANCE OF BRC);</p> <ol style="list-style-type: none"> <li>1. Inspection of gear boxes and bucket thrust rollers/support rollers, sprocket of chain drive bas bolts if required tightening to be done.</li> <li>2. Inspection of grease pump and filling of grease in tanks.</li> </ol>  |

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3. Checking/topping of oil levels of LT, CT gear boxes and hydraulic power pack unit.
4. Checking/tightening of LT wheels and LT thrust rollers base bolts.
5. Inspection brake units, brake adjustment, brake shoes changing,
6. Inspection of PCRD mechanism if required cable adjustment
7. Checking of hoist mechanism and brake adjustment.
8. Inspection of hydraulic pipe lines and hydraulic hoses. If any leakages the same to be rectified immediately.

- 16 BOQ NO-16. (CHANGING OF BRC BACK PLATE LINERS);
1. Remove the front side buckets of the reclaimer wheel to access the back plate.
  2. Lock the Bucket wheel to prevent the rotation.
  3. Remove damaged liners of the back plate one by one.
  4. Fix the new liners to back plate.
  5. Position back the removed bucket after completion of liner changing job.
  6. Un locks the bucket wheel and check for free rotation.

- 17 BOQ NO-17. (CHANGING OF BRC BRIDGE CONVEYOR GEAR BOX):
1. Remove the coupling guards.
  2. Remove the input fluid coupling & Biby coupling bolts.
  3. Remove the gear box foundation bolts and lift the defective gear box with the help of mobile crane.
  4. Shift & position the new gear box on foundation frame.
  5. Fix the foundation bolts of gear box.
  6. Alignments of gear box with respective to drive drum of the conveyor and input coupling with respective motor.
  7. Foundation bolts of gear box tightened firmly.
  8. Connect the biby coupling and greasing to be done.
  9. Fixing of fluid coupling and safety guards.
  10. Filling of recommended lubricant oil in gear box.
  11. Trail run to be taken after job is completed.
  12. Shifting old gearbox to the designated place as per the instruction of Engineer in charge.

- 18 BOQ NO-18. (CHANGING OF BRC BUCKET);
1. Shifting of spare bucket from designated place to the site.
  2. To execute the job necessary scaffolding arrangement to be done.
  3. Lock the bucket wheel to prevent the rotation.
  4. Remove the damaged bucket fixing pins and wedges.
  5. Lift & shift the damaged bucket.
  6. Shift new bucket and placement to be done on bucket wheel.
  7. Fixing of pins and wedges.
  8. Remove the scaffolding arrangements.
  9. Un lock the bucket wheel and check for free rotation.
  10. Shift the damaged buckets as per the instruction of engineer in charge.

- 19 BOQ NO-19. (CHANGING OF CHAIN OF BRC BUCKET WHEEL & CT )::
1. Position the master link of bucket wheel chain at convenient place.
  2. Lock the bucket wheel to prevent the rotation.
  3. Release the chain tension by unscrewing the idler sprockets.
  4. Hold the bucket wheel chain with help of mobile crane.
  5. Remove the master link of the chain at bottom of the bucket wheel.
  6. Remove the damaged chain with help of mobile crane.
  7. Placement / feeding new chain with help of mobile crane from drive

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Sprocket.

8. Fixing of master link of chain and required tensioning to be given.
9. Trail run to be taken after job is completed.

20	<p>BOQ NO-20. (CHANGING OF BRC HYDRAULIC MOTOR);</p> <ol style="list-style-type: none"> <li>1. Remove the hydraulic hoses from the hydraulic motor.</li> <li>2. Disconnect the torque arm locking pins of the hydraulic motor.</li> <li>3. Remove the shrink disc coupling bolts.</li> <li>4. Remove the defective Hydraulic motor from connecting shaft with help of mobile crane.</li> <li>5. Placement of new hydraulic motor on drive sprocket shaft.</li> <li>6. Fixing of shrink disc coupling with required torque.</li> <li>7. Reconnecting the torque arm locking pins of the hydraulic motor.</li> <li>8. Connect the hydraulic hoses to the hydraulic motor.</li> <li>9. Checking of hydraulic oil leakage from hoses if any leakages observed, rectification to be</li> </ol>
21	<p>BOQ NO-21 &amp; 22. (CHANGING OF BRC SUPPORT ROLLER &amp; THRUST ROLLER):</p> <ol style="list-style-type: none"> <li>1. Bucket wheel rotation to be arrested before execute the job.</li> <li>2. Disconnect the grease hoses from roller assembly.</li> <li>3. Remove the base bolts of damaged / defective assembly.</li> <li>4. Remove the defective assembly with the help of chain pulley block.</li> <li>5. Placement of new assembly and fixing of foundation bolts.</li> <li>6. Alignment to be done.</li> <li>6. After alignment/adjustment base bolts to be tightened firmly.</li> <li>7. Connect the grease hoses to the roller assembly.</li> </ol>
22	<p>BOQ NO-23. (CHANGING OF BRC CT WHEEL);</p> <ol style="list-style-type: none"> <li>1. Position the bucket wheel carriage at convenient place.</li> <li>2. Recamier carriage movement to be arrested.</li> <li>3. Disconnect the grease hoses from cross travel wheel assembly.</li> <li>4. Remove the base bolts of damaged/defective wheel assembly.</li> <li>5. Lifting of carriage with the help of hydraulic/manual jack and required packing's/supports</li> <li>6. Remove the defective assembly with the help of chain pulley block.</li> <li>7. Placement of new assembly and fixing of base bolts</li> <li>8. After alignment/adjustment base bolts to be tightened firmly.</li> <li>9. Remove the packing &amp; supports and hydraulic jack.</li> <li>10. Connect the grease hoses to the wheel assembly.</li> </ol>
23	<p>BOQ NO-24. (CHANGING OF BRC HARROW SPIKE);</p> <ol style="list-style-type: none"> <li>1. Position harrow assembly at convenient height to replace the damaged harrow spikes.</li> <li>2. Remove the broken/worn out harrow spikes.</li> <li>3. Fixing of new harrow spikes and adjustment has to be done as per the existing spokes length.</li> </ol>
24	<p>BOQ NO-25. (PREVENTIVE MAINTENANCE OF EOT CRANE OF RMB-2);</p> <ol style="list-style-type: none"> <li>1. Inspection of LT, CT and hoist gear boxes oil levels if required topping of recommended grade of oil.</li> <li>2. Manual greasing with grease gun has to be done for LT,CT and hoist input, output &amp; intermediate half couplings.</li> <li>3. Contractor has to inspect LT, CT wheels grease connections and greasing to be done with manually operated centralized grease system.</li> <li>4. Grease filling has to be done in manually operated centralized grease system.</li> </ol>

## SCOPE OF WORK

Work Desc : **Mechanical Maintenance of Equipments of SP-2 Package - III for 2021-23**

	<ol style="list-style-type: none"> <li>5. Checking and adjustment of brake units, If required break shoes to be changed.</li> <li>6. Greasing of equalizer pulley and snatch block bearings.</li> <li>7. Checking / tightening of rope clamps on drums.</li> <li>8. Inspection of rope condition for any damages.</li> <li>9. Checking/ tightening of gearbox/break unit/drum foundation bolts.</li> <li>10. Checking of gravity switch function.</li> <li>11. Applying wire rope lubricant, if required.</li> <li>12. Inspection of fish plate bolts/ rail clamp bolts, rails wear out for CT and LT rails.</li> </ol>
25	<p>BOQ NO-26. (CHANGING OF WIRE ROPES OF EOT CRANE RMB - 2);</p> <ol style="list-style-type: none"> <li>1. Preparation and shifting of required length of wire rope to the site.</li> <li>2. Lower snatch block to ground floor.</li> <li>3. Hold the damaged wire rope with the help of manila rope, remove the rope clamps on reeling drum.</li> <li>4. Remove the damaged wire rope.</li> <li>5. Feeding of new wire rope as per the procedure.</li> <li>6. Clamping of the rope on drums with rope clamps.</li> <li>7. Check for proper winding and un winding of rope.</li> <li>8. Shifting of damaged wire rope to designated place.</li> </ol>
26	<p>BOQ NO-27. (CHANGING OF BRAKE UNIT FOR RMB-2 EQUIPMENTS);</p> <ol style="list-style-type: none"> <li>1. Shifting of new brake unit to required location.</li> <li>2. Brake shoes of damaged brake unit have to release.</li> <li>3. Remove the foundation bolts of brake unit and ensure power connection to be removed.</li> <li>4. Remove the damaged brake unit.</li> <li>5. Placement &amp; alignment of new brake.</li> <li>6. Fixing foundation bolts.</li> <li>7. Regulation of brake to be done for proper functioning of brake.</li> <li>8. Shifting of old brake unit to designated place.</li> </ol>
27	<p>BOQ NO-28. (RECLAMATION OF SUPPORT/THRUST ROLLER);</p> <ol style="list-style-type: none"> <li>1. Remove the shaft locking bolts and remove the shaft from the bracket.</li> <li>2. Dismantle the end covers to check the bearing, shaft seal &amp; spacers.</li> <li>3. Remove the spacers, shaft seal &amp; bearings from roller.</li> <li>4. Cleaning to be done inside the roller bearing area.</li> <li>5. Fixing of bearings inside the roller by providing ring between the bearings.</li> <li>6. Fixing the spacer and shaft seal both side of the roller.</li> <li>7. Fixing of covers on both side with necessary gaskets.</li> <li>8. Assemble the shaft in roller.</li> <li>9. Place the roller assembly in roller bracket and lock shaft with locking plates.</li> <li>10. Roller assembly has to be greased with manual grease gun.</li> <li>11. Store the assembled roller with tag at designated place.</li> </ol>
28	<p>BOQ NO-29. (RECLAMATION OF LT WHEEL ASSEMBLY OF TBS/BRC);</p> <ol style="list-style-type: none"> <li>1. Remove end covers of the bearing housings.</li> <li>2. Dismantle the end covers to check the bearing, shaft seal &amp; spacers.</li> <li>3. Remove the lock plate bolts and dismantle the bearings and bearing housing both sides.</li> <li>4. Cleaning of all parts to be done.</li> <li>5. Damaged bearings, seals to be replaced.</li> </ol>

## SCOPE OF WORK

Work Desc : **Mechanical Maintenance of Equipments of SP-2 Package - III for 2021-23**

6. Fixing of covers on both side of the housing with necessary gaskets.
7. Wheel assembly has to be greased with manual grease gun.
8. Store the assembled wheel with tag at designated place.

- 29 BOQ NO-30. (REPAIR AND REPLACEMENT OF TECHNOLOGICAL STRUCTURES OF RMB-2 YARD EQUIPMENTS);
1. Shifting of required size and length of structural steel from designated place to all locations and levels of Sinter plant-2 for repair/changing of chutes/ chute liners.
  2. Preparation of liner plates to be done as per the drawings/site conditions. If required drilling of holes to the liners to be done.
  3. Dismantling of worn out/damaged steel structural like chutes, liners as per the instruction of engineer in charge or his representative.
  4. Fabrication, erection and fixing of new structure as per drawing provided/ as per site condition.
  5. Full welding of the structural work to be ensured.
  6. Removal of temporary supports, scaffoldings to be done.

- 30 BOQ NO-31,32,33&34 (MANPOWER ASSISTANCE FOR RMB-2 MECHANICAL MAINTENANCE). The scope includes manpower assistance for Sinter plant-2 mechanical maintenance jobs on daily basis as per instructions of Engineer in charge other than the jobs mentioned in BOQ items. viz
1. G Shift jobs like:
    - A) Material collection/shifting from Engineering shops, Central stores, UERS and Lub & Hydraulic department etc and vice versa.
    - B) Store maintenance, data entry and report generation.
    - C) Drawings/Manual collection & up keeping.
    - D) Preparation & reclamation jobs as instructed by Engineer-in-Charge or his representative.
  2. Shift Jobs like: (A,B,C shifts):
    - A) Running shift maintenance jobs.
    - B) Preventive maintenance jobs.
    - C) Preparation jobs.
    - D) Reclamation jobs.
    - E) Condition monitoring jobs.
    - F) Any other job required to run the plant as instructed by Engineer in-Charge or his representative
  3. The manpower with the following requirements is desirable.
    - Shift/Planning Assistant should be Diploma holder in mechanical engineering and have required experience in areas like Structural Fabrication, Rotary Equipment, Material Handling Equipments, Alignment and lubricating systems.
    - Skilled manpower should have experience in Rotary Equipment, Material Handling Equipments, and Structural Fabrication, Welding & Gas cutting, alignment and lubricating system.
    - Semi skilled manpower should have experience in Welding & Gas cutting, alignment and lubricating system.
    - For Unskilled manpower it is desirable to have industrial exposure and experience.
  4. Tentative distribution of manpower against BOQ items 31, 32, 33 & 34 are given below.
 

Category	G-Shift	Shifts (A/B/C)
Shift/Planning Assistant	3	3
Skilled	3	6
Semi-Skilled	4	3
Un-Skilled	2	6
<b>Total</b>	<b>12</b>	<b>18</b>



**RAHSTRIYA ISPAT NIGAM LIMITED**  
**VISAKHAPATNAM STEEL PLANT**  
**VISAKHAPATNAM - 530031**

**BILL OF QUANTITIES / PRICE SCHEDULE**

<b>PR No / Date:</b> 73007496 / 25.10.2021	<b>Report Date :</b> 25.10.2021
<b>Pur . Org.:</b> WORKS CONTRACTS	
<b>MSS:</b> 3250621008 : MECH.MAINT OF EQPTS OF SP-2 PACK-III	
MECHANICAL MAINTENANCE OF EQUIPMENTS OF SP-2 PACKAGE-III IN SINTER PLANT FOR 2021-23	

<b>The BOQ Items are taken as per the following Rates.</b>						
		<b>Central Rates</b>	<b>VSP Rates</b>			
<b>Skilled</b>		707.000	1,077.150			
<b>Semi Skilled</b>		603.000	933.950			
<b>Unskilled</b>		534.000	832.650			
<b>Sl.No</b>	<b>Service Number</b>	<b>Description of the item</b>	<b>Qty</b>	<b>UOM</b>	<b>Rate</b>	<b>Amount</b>
1	510005634	HAMMER CRUSHER BEATER HEADS CHANGING	24.000	EA	7,394.43	177,466.32
2	510005635	HAMMER CRUSHER BRAKER PLATE/BAFFLE PLATE CHANGING	72.000	EA	5,065.50	364,716.00
3	510005636	HAMMER CRUSHER ROTOR ASSEMBLY CHANGING	6.000	EA	15,294.45	91,766.70
4	510005637	HAMMER CRUSHER HYDRAULIC CYLINDER CHANGING	8.000	EA	1,372.49	10,979.92
5	510005638	PREVENTIVE MAINTENANCE OF HAMMER CRUSHER	144.000	EA	1,588.41	228,731.04
6	510005639	CAPITAL REPAIR OF HAMMER CRUSHER	2.000	EA	33,369.72	66,739.44
7	510005640	PREVENTIVE MAINTENANCE OF COKE CRUSHER	120.000	EA	1,620.56	194,467.20
8	510005641	ROLL CHANGING OF COKE CRUSHER	12.000	EA	4,221.25	50,655.00
9	510005642	POLYURETHANE MATS CHANGING OF FLIP FLOW SCREEN	400.000	EA	562.83	225,132.00
10	510005643	PREVENTIVE MAINTENANCE OF FLIP FLOW SCREEN	240.000	EA	1,092.32	262,156.80
11	510005644	PREVENTIVE MAINTENANCE OF TWIN BOOM STACKER	24.000	EA	4,841.39	116,193.36
12	510005645	CHANGING OF TBS LONG TRAVEL/BRC LONG TRAVEL/TBS HOIST/TBS BOOM CONVEYOR GEAR BOX	4.000	EA	13,507.98	54,031.92
13	510005646	CHANGING OF WIRE ROPE OF TBS BOOM HOISTING	2.000	EA	7,482.66	14,965.32
14	510005647	CHANGING OF LT WHEEL OF TBS AND BRC	4.000	EA	3,431.25	13,725.00
15	510005648	PREVENTIVE MAINTENANCE OF BLEENDER RECLAIMER	120.000	EA	3,873.11	464,773.20
16	510005649	BLEENDER RECLAIMER BACK PLATE LINERS CHANGING	4.000	EA	7,652.49	30,609.96
17	510005650	BLEENDER RECLAIMER BRIDGE CONVEYOR GEAR BOX CHANGING	2.000	EA	5,461.54	10,923.08
18	510005651	BLEENDER RECLAIMER BUCKET CHANGING	10.000	EA	4,369.25	43,692.50
19	510005652	CHANGING OF CHAIN OF BLEENDER RECLAIMER BUCKET WHEEL/CT	6.000	EA	4,929.62	29,577.72
20	510005653	BLEENDER RECLAIMER HYDRAULIC MOTOR CHANGING	4.000	EA	3,325.13	13,300.52
21	510005654	BLEENDER RECLAIMER SUPPORT ROLLER CHANGING	80.000	EA	2,730.78	218,462.40
22	510005655	BLEENDER RECLAIMER THURST ROLLERS CHANGING	80.000	EA	2,184.62	174,769.60
23	510005656	BLEENDER RECLAIMER CT WHEEL CHANGING	6.000	EA	6,701.86	40,211.16
24	510005657	BLEENDER RECLAIMER HARROW SPOKE CHANGING	200.000	EA	132.05	26,410.00
25	510005658	PREVENTIVE MAINTENANCE OF EOT CRANE OF RMB-2	60.000	EA	2,745.01	164,700.60
26	510005659	CHANGING OF WIRE ROPE OF RMB-2 EOT CRANE	10.000	EA	6,162.01	61,620.10
27	510005660	CHANGING OF BRAKE UNIT RMB-2 EQUIPMENTS	10.000	EA	2,745.01	27,450.10
28	510005661	RECLAMATION OF SUPPORT /THURST ROLLER	160.000	EA	3,376.99	540,318.40



**RAHSTRIYA ISPAT NIGAM LIMITED  
VISAKHAPATNAM STEEL PLANT  
VISAKHAPATNAM - 530031**

**BILL OF QUANTITIES / PRICE SCHEDULE**

Sl.No	Service Number	Description of the item	Qty	UOM	Rate	Amount
29	510005662	RECLAMATION OF LT WHEEL ASSEMBLY OF TBS/BRC	8.000	EA	5,809.68	46,477.44
30	510005663	REPAIR AND REPLACEMENT OF TECHNOLOGICAL STRUCTURES OF RMB-2 AND YARD EQUIPMENTS	280.000	TO	8,802.73	2,464,764.40
31	510005664	SHIFT/PLANNING ASSISTANT FOR SP-2 MECHANICAL MAINTAINANCE	4,068.000	MDY	1,077.15	4,381,846.20
32	510005665	SKILLED MANPOWER ASSISTANCE FOR SP-2 MECHANICAL MAINTAINANCE	6,258.000	MDY	1,077.15	6,740,804.70
33	510005666	SEMI-SKILLED MANPOWER ASSISTANCE FOR SP-2 MECHANICAL MAINTAINANCE	4,694.000	MDY	933.95	4,383,961.30
34	510005667	UN-SKILLED MANPOWER ASSISTANCE FOR SP-2 MECHANICAL MAINTENANCE	5,632.000	MDY	832.65	4,689,484.80
<b>Total Value: In words :</b> two crore sixty four lakh twenty five thousand eight hundred eighty four rupees twenty paise						26,425,884.20

Signature of the Tendere

## Annexure

## BID SECURITY DECLARATION

(In Lieu of EMD)

Tender no. /RFx No: 260000-----

Dated:(dd-mm-yyyy)

I/We have understood that, according to the conditions of Tender document, bids must be supported by a Bid Security Declaration (BSD). Accordingly, I am/ We are submitting this "Bid Security Declaration" as follows:

I/We accept that, I/We will automatically be debarred from participation in all future tenders of RINL for a period of Three (3) years and also already submitted bids (if any) shall not be considered for further evaluation, in case of any of the following:

(a) If I/We withdraw/modify our bid after tender opening and during the period of bid validity stipulated in the tender document or any extension thereof.

OR

(b) Having been notified of the acceptance of our Bid by RINL, during the period of bid validity, if I/WE

(i) Fail or refuse to execute the Contract. (or)

(ii) Fail or refuse to furnish the security deposit, as stipulated in the Tender Document/Work Order/ Letter of Acceptance/ Purchase Order.

*[Signature]*

In the capacity of:

*[Legal capacity of person signing the BID Security Declaration]*

The bidder shall submit the documentary proof (viz. certified/true copy of board resolution / Power of Attorney etc.) with respect to .Legal capacity of person signing the BSD.

Name:

*[Complete name of person signing the Bid Security Declaration]*

Duly authorized to sign the bid for and on behalf of: *[Complete name of Bidder and Address]*

Date: *[Date of Signing]*

Corporate Seal: (Whichever applicable)

Witness:

*[Signature of person with name and address]*

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Note: In case of a joint Venture /Consortium, wherever allowed the BSD must be in the name of all partners to the Joint Venture / Consortium that submits the bid.

(This undertaking has to be printed on the letter head of the agency, sign, scan the same and upload in the Tech RFx folder)

## **UNDERTAKING LETTER**

**To  
General Manager (WC) I/C  
Works Contracts Department  
Visakhapatnam Steel Plant  
Visakhapatnam-530 031.**

Name of work: "Mechanical Maintenance of equipments of SP-2 package-III in Sinter Plant"

RFx No. 2600007246, dated 01/12/2021.

**Sir,**

**With reference to the Notice Inviting Tender, I/We have gone through the tender documents downloaded from SRM Portal. I/We have also gone through the General Conditions of Contract of VSP available in VSP web site and noted the contents therein. I/We hereby confirm that I/We shall abide by the Terms and Conditions and General Conditions of the Contract including Form of Tender, Invitation to Tender, Articles of Agreement etc. I/We hereby declare that, I/We have visited, inspected and examined the site and its surroundings and satisfied ourselves before submitting this tender, obtained information about the nature of work, facilities that may be required and obtained necessary information about Working Conditions, risk contingencies etc., which may influence this tender. We hereby offer to execute & maintain the work during the defect liability period in conformity with the tender conditions at the respective rates quoted by us.**

**I/We do hereby agree that action may be taken as per Bid Security Declaration (BSD) submitted by me/us if I/We revoke/withdraw/cancel my/our tender or if I/We vary any terms in our tender during the validity period of the tender without your written consent and/or if in the event of Visakhapatnam Steel Plant accepting my/our tender and I/We fail to deposit the required security money, execute the Agreement and/start the work within reasonable time (to be determined by the Engineer) after written acceptance of my/our Tender.**

**SIGNATURE OF THE TENDERER**

# **RASTRIYA ISPAT NIGAM LIMITED**

**VISAKHAPATNAM STEEL PLANT**  
**WORKS CONTRACT DEPARTMENT**

**VISAKHAPATNAM 530 031**

**PHONES: 0891 2518763, 2758705, FAX: 0891 2518763**

## **IMPORTANT INSTRUCTIONS TO TENDERERS**

The Tenderers are requested to note the following:

- 1.0. The blank Integrity pact document (consisting of 7 Pages) is to be downloaded from the C-folder of Publisher area
- 2.0. The downloaded Integrity pact document should be signed on all pages by the tenderer after filling the blanks, wherever required and is to be scanned and uploaded in Tech bid Folder
- 3.0. Please note that non submission of duly filled and signed Integrity Pact in prescribed format enclosed with Tender schedule will entail to disqualification of tender and price bid of such tenderer will not be opened.

\*\*\*\*

**Rashtriya Ispat Nigam Limited (RINL)** hereinafter referred to as **“The Principal”**,

And

..... hereinafter referred to as **“The Bidder/Contractor”**

**Preamble**

The Principal intends to award, under laid down organizational procedures, a contract for **“Mechanical Maintenance of equipments of SP-2 package-III in Sinter Plant”**

The Principal values full compliance with all relevant laws of the land, rules, regulations, economic use of resources, and of fairness/transparency in its relations with its Bidder(s) and /or Contractor(s).

The Principal will nominate an External Independent Monitor(s) (EIM(s)) by name at the tender stage/will appoint in case of receipt of any reference, from the panel of EIMs, for monitoring the tender process and the execution of the contract in order to ensure compliance with the Integrity Pact by all the parties concerned.

**Section 1 – Commitments of the Principal:**

- (1) The Principal commits itself to take all measures necessary to prevent corruption and to observe the following principles:-
- (a) No employee of the Principal, personally or through family members, will in connection with the tender for, or the execution of a contract, demand, take a promise for or accept, for self or for third person, any material or non material benefit which the person is not legally entitled to.
  - (b) The Principal will, during the tender process treat all bidders with equity and reason. The Principal will in particular, before and during the tender process, provide to all Bidders the same information and will not provide to any Bidder confidential/additional information through which the Bidder(s) could obtain an advantage in relation to the tender process or the contract execution.
  - (c) The Principal will exclude from the process all known prejudiced persons.
- (2) If the Principal obtains information on the conduct of any of its employees which is a criminal offence under the IPC/ PC Act, or if there be a substantive suspicion in this regard, the Principal will inform Chief Vigilance Officer of RINL and in addition can initiate disciplinary action.

**Section 2 – Commitments of the Bidder(s)/contractor(s) :**

- (1) The Bidder(s)/ Contractor(s) commits to take all measures necessary to prevent corruption. He commits to observe the following principles during his participation in the tender process and during the contract execution.
- (a) The Bidder(s)/Contractor(s) will not, directly or through any other person or firm, offer, promise or give to any of the Principal’s employees involved in the tender process or the execution of the contract or to any third person any material or other benefit which he/she is not legally entitled to, in order to obtain in exchange any advantage of any kind whatsoever during the tender process or during the execution of the contract or to vitiate the Principal’s tender process or contract execution.
  - (b) The Bidder(s)/ Contractor(s) will not enter with other Bidders into any undisclosed agreement or understanding, whether formal or informal. This applies in particular to prices, specifications, certifications, subsidiary contracts, submission or non-submission of bids or any other actions to restrict competitiveness or to introduce cartelization in the bidding process or to vitiate the Principal's tender process or execution of the contract.
  - (c) The Bidder(s)/Contractor(s) will not commit any offence under the IPC/ PC Act; further the Bidder(s)/Contractor(s) will not use improperly, for purposes of competition or personal gain,

- or pass on to others, any information or document provided by the Principal as part of the business relationship regarding plans, technical proposals and business details including information contained or transmitted electronically.
- (d) The Bidder(s)/Contractor(s) of foreign origin shall disclose the name and address of the Agent(s)/representative(s) in India, if any. Similarly the Bidder(s)/Contractor(s) of Indian Nationality shall furnish the name and address of a foreign supplier/contract Agency, if any. Further details, as mentioned in the *Guidelines on Indian Agents of Foreign "Suppliers/contract agencies"*, shall be disclosed by the Bidder(s)/Contractor(s) wherever applicable. Further, as mentioned in the Guidelines, all the payments made to the Indian agent(s)/representative(s) have to be in Indian Rupees only.  
**Copy of the *Guidelines on Indian Agents of Foreign "Suppliers/contract agencies"* is enclosed.**
- (e) The Bidder(s)/ Contractor(s) will, when presenting his bid, disclose any and all payments he has made or committed to or intends to make to agents, brokers or any other intermediaries in connection with the award of the contract.
- (2) The Bidder(s)/Contractor(s) will not instigate third persons to commit offences outlined above or be an accessory to such offences.

### **Section 3 – Disqualification from tender process and exclusion from future contracts:**

- (1) A transgression is considered to have occurred, if the principal after due consideration of the available evidence, concludes that a reasonable doubt is possible.
- (2) If the Bidder(s)/Contractor(s), before award of contract or after award of contract has committed a transgression through a violation of *Section 2* above or in any other form such as to put his reliability or credibility in question, the Principal is entitled to disqualify the Bidder(s) from the tender process or to terminate the contract, if already awarded, for that reason, without prejudice to other remedies available to the Principal under the relevant GCC of the tender/contract.
- (3) If the bidder/Contractor has committed a transgression through a violation of any of the terms under *Section 2* above or in any other form such as to put his reliability or credibility into question, the Principal is entitled also to exclude the bidder / Contractor from future tenders/Contract award processes. The imposition and duration of the exclusion will be determined by the principal keeping in view the severity of the transgression. The severity will be determined by the circumstances of the case, in particular the number of transgressions, the position of the transgressors within the company hierarchy of the bidder /Contractor and the amount of the damage.
- (4) If it is observed after payment of final bill but before the expiry of validity of Integrity pact that the contractor has committed a transgression through a violation of any of the terms under *Section 2* above during the execution of contract, the Principal is entitled to exclude the Contractor from future tenders/Contract award processes.
- (5) The exclusion will be imposed for a minimum period of six (6) months and a maximum period of three (3) years.
- (6) If the bidder / Contractor can prove that he has restored/ recouped the damage to the principal caused by him and has installed a suitable corruption prevention system, the Principal may revoke the exclusion before the expiry of the period of such exclusion.

### **Section 4 – Compensation for Damages:**

- (1) If the Principal has disqualified the bidder from the tender process prior to the award in accordance with *Section 3* above, the Earnest Money Deposit (EMD)/Bid security furnished, if any, along with the offer as per the terms of the Invitation to Tender (ITT) shall be forfeited. This is apart from the disqualification of the Bidder as may be imposed by the Principal as brought out at *Section 3* above
- (2) If the Principal has terminated the Contract in accordance with *Section 3 above*, or if the Principal is entitled to terminate the Contract in accordance with *Section 3* above, the Security Deposit/performance bank guarantee furnished by the contractor, if any, as per the terms of the ITT/Contract shall be forfeited without prejudicing the rights and remedies available to the principal under the relevant General conditions of contract. This is apart from the disqualification of the Bidder, as may be imposed by the Principal, as brought out at *Section 3* above.

### **Section 5 – Previous transgressions:**

- (1) The Bidder declares that, to the best of his knowledge, no previous transgressions occurred in the last five (05) years with any other Company in any country conforming to the anti- corruption approach or with Government/any other Public Sector Enterprise in India that could justify his exclusion from the tender process.
- (2) If the Bidder makes incorrect statement on this subject, he can be disqualified from the tender process. The contract, if already awarded, can be terminated for such reason.

#### **Section 6 – Equal treatment of all Bidders / Contractors / Subcontractors:**

- (1) The Bidder(s)/Contractor(s) undertakes to demand from all his subcontractors a commitment in conformity with this Integrity Pact, and to submit it to the Principal before seeking permission for such subcontracting.
- (2) The Principal will enter into agreements with identical conditions as this one with all Bidders and Contractors.
- (3) The Principal will disqualify from the tender process all bidders who do not sign this Pact or violate its provisions.

#### **Section 7 – Criminal charges against violating Bidder(s) /Contractor(s)/ subcontractor(s):**

If the Principal obtains knowledge of conduct of a Bidder, Contractor, Subcontractor or of any employee or a representative or an associate of a Bidder/Contractor/ Subcontractor which constitutes corruption, or if the Principal has substantive suspicion in this regard, the Principal will inform the same to CVO of RINL.

#### **Section 8 – External Independent Monitor(s)(EIM(s)):**

- (1) The Principal appoints competent and credible External Independent Monitor(s) with clearance from Central Vigilance Commission & Transparency International (India). The EIM(s) reviews independently, the cases referred to him/them to assess whether and to what extent the parties concerned comply with the obligations under this Integrity Pact,
- (2) In case of noncompliance of the provisions of the Integrity pact, the complaint/noncompliance is to be lodged by the aggrieved party with the Nodal Officer only appointed by CMD/RINL. The Nodal Officer shall refer the complaint / non compliance so received by him to the EIM, already appointed or to be appointed for that case.
- (3) The EIM is not subject to instructions by both the parties and performs his functions neutrally and independently. The EIM(s) will submit report to the CMD, RINL.
- (4) The Bidder(s)/Contractors(s) accepts that the EIM has the right to access without restriction, to all tender/contract documentation of the Principal including that provided by the Bidder/Contractor. The Bidder/Contractor will also grant the EIM upon his request and demonstration of a valid interest, unrestricted and unconditional access to his tender/contract documentation. The same is applicable to Subcontractors also. The EIM is under contractual obligation to treat the information and documents of the Bidder(s)/ Contractor(s)/Subcontractor(s) with confidentiality.
- (5) The Principal will provide to the EIM sufficient information about all meetings among the parties related to the tender/contract for the cases referred to EIM, provided such meetings could have an impact on the contractual relations between the Principal and the Contractor. The parties offer to the EIM the option to participate in such meetings.
- (6) As soon as the EIM notices, or believes to notice, a violation of this pact, he will so inform the Principal and request the Principal to discontinue or take corrective action or to take other relevant action. The EIM can in this regard submit non binding recommendations. Beyond this, the EIM has no right to demand from the parties that they act in a specific manner, refrain from action or tolerate action.
- (7) The EIM will submit a written report to the CMD, RINL within four (04) to six (06) weeks from the date of reference or intimation to him by the Principal and, should the occasion arise, submit proposals for corrective actions for the violations or the breaches of the provisions of the agreement noticed by the EIM.
- (8) EIM may also submit a report directly to the CVO of RINL and the Central Vigilance Commission, in case of suspicion of serious irregularities attracting provisions of the IPC/ PC Act.
- (9) Expenses of EIM shall be borne by RINL/VSP as per terms of appointment of EIMs.

(10) The word 'Monitor' means External Independent Monitor and would include both singular and plural.

**Section 9 – Duration of the Integrity Pact:**

- (1) This Pact comes into force upon signing by both the Principal and the Bidder/Contractor. It expires for the Contractor twelve (12) months after the last payment under the contract, and for all unsuccessful Bidders, six (06) months after the contract has been awarded and accordingly for the Principal after the expiry of respective periods stated above.
- (2) If any claim is made/ lodged during the valid period of the IP, the same shall be binding and continue to be valid even after the lapse of this pact as specified above, unless it is discharged/determined by CMD of RINL.

**Section 10 – Other provisions:**

- (1) This agreement is subject to Indian Law. Place of performance and jurisdiction is the Registered Office of the principal, i.e. Visakhapatnam, State of Andhra Pradesh, India.
- (2) Changes and supplements as well as termination notices need to be made in writing. Side agreements to this pact have not been made.
- (3) If the Contractor is a partnership firm/ consortium, this agreement must be signed by all partners/ consortium members, or their Authorized Representative(s) by duly furnishing Authorization to sign Integrity Pact.
- (4) Should one or several provisions of this agreement turnout to be invalid, the remaining part of this agreement remains valid. In this case, the parties will strive to come to an agreement to their original intentions.
- (5) Wherever he or his is indicated in the above sections, the same may be read as he/she or his/her, as the case may be.

\_\_\_\_\_  
(For & On behalf of the Principal)

\_\_\_\_\_  
(For & On behalf of Bidder/  
Contractor)

(Office Seal)

(Office Seal)

Place -----

Date -----

**Witness 1:**  
(Name & Address)

\_\_\_\_\_  
\_\_\_\_\_

**Witness 2:**  
(Name & Address)

\_\_\_\_\_  
\_\_\_\_\_

**GUIDELINES FOR INDIAN AGENTS OF  
FOREIGN “SUPPLIERS/CONTRACT AGENCIES”**

- 1.0** There shall be compulsory registration of Indian Agents of foreign suppliers/contract Agencies with RINL in respect of all Global (Open) Tenders and Limited Tenders. An agent who is not registered with RINL shall apply for registration in the prescribed Application Form.
- 1.1** Registered agent needs to submit before the placement of order by RINL, an Original certificate issued by his foreign supplier/ contract Agency (or an authenticated Photostat copy of the above certificate duly attested by a Notary Public) confirming the agency agreement and giving the status being enjoyed by the agent alongwith the details of the commission/remuneration/salary/retainer being paid by them to the agent(s).
- 1.2** Wherever the Indian representative has communicated on behalf of their foreign supplier/contract Agency and/or the foreign supplier/contract Agency have stated that they are not paying any commission to their Indian agent(s) but paying salary or retainer, a written declaration to this effect given by the foreign supplier/contract Agency should be submitted before finalizing the contract.
- 2.0 DISCLOSURE OF PARTICULARS OF AGENT(S)/REPRESENTATIVE(S) IN INDIA, IF ANY:**
- 2.1** *Bidders of Foreign nationality shall furnish the following details in their quotation/bid:*
- 2.1.1** The name and address of their agent(s)/representative(s) in India, if any, and the extent of authorization and authority given to them to commit them. In case the agent(s)/representative(s) is a foreign Company, it shall be confirmed whether it is a really substantial Company and details of the company shall be furnished.
- 2.1.2** The amount of commission/remuneration included in the quoted price(s) for such agent(s)/representative(s) in India.
- 2.1.3** Confirmation of the Bidder that the commission/remuneration if any, payable to his agent(s)/representative(s) in India, may be paid by RINL in Indian Rupees only.
- 3.0 DISCLOSURE BY INDIAN AGENT(S) OF PARTICULARS OF THEIR FOREIGN SUPPLIER/CONTRACT AGENCY AND FURNISHING OF REQUISITE INFORMATION:**
- 3.1** *Bidders of Indian Nationality shall furnish the following details/certificates in/alongwith their offers:*
- 3.1.1** The name and address of foreign supplier/contract agency indicating their nationality as well as their status, i.e., manufacturer or agent of manufacturer holding the Letter of Authority.
- 3.1.2** Specific Authorization letter by the foreign supplier/contract agency authorizing the agent to make an offer in India in response to tender either directly or through their agent(s)/representative(s).
- 3.1.3** The amount of commission/remuneration included for bidder in the price (s) quoted
- 3.1.4** Confirmation of the foreign supplier/contract Agency of the Bidder, that the commission/remuneration, if any, reserved for the Bidder in the quoted price (s), may be paid by RINL in India in equivalent Indian Rupees.
- 4.0** In either case, in the event of materialization of contract, the terms of payment will provide for payment of the commission/remuneration payable, if any, to the agent(s)/representative(s) in India in Indian Rupees, as per terms of the contract.
- 4.1** Failure to furnish correct information in detail, as called for in para 2.0 and/or 3.0 above will render the bid concerned liable for rejection or in the event of materialization of contract; the same is liable for termination by RINL. Besides this, other actions like banning business dealings with RINL, payment of a named sum etc., may also follow.

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