



RASHTRIYA ISPAT NIGAM LIMITED
VISAKHAPATNAM STEEL PLANT
(A Govt. of India Enterprise)
W02 - D VENKATESWARLU
WORKS CONTRACTS DEPT, VISAKHAPATNAM STEEL PLANT,
VISAKHAPATNAM - 530031, ANDHRA PRADESH -
INDIA
PHONE: 9441400075,
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NOTICE INVITING TENDER (NIT)

NIT TYPE: 2-PRT % BID E-RFX

VSP/1200/BF(E)/2021/00570

NIT NUMBER & DATE: 2600007227 Dated 26.11.2021

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

1. NAME OF THE WORK:

VARIOUS ELECTRICAL REPAIRS, MAINTENANCE-MODIFICATION JOBS IN BF-3

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	07.12.2021 15:00	08.12.2021 15:00

CONTRACT PERIOD: 24 (TWENTY FOUR) MONTHS

DEFECT LIABILITY PERIOD: 02(TWO) MONTHS

ENGINEER IN CHARGE: DGM(E)/BF

WELFARE ALLOWANCE: APPLICABLE

ESTIMATION VALUE INR 45,91,214.62

3 OFFER VALIDITY DATE:

Your offer should be valid upto 07.04.2022.

4 CURRENCY:

INR.

5 ELIGIBILITY/EXPERIENCE CRITERIA :

AGENCIES REGISTERED UNDER CATEGORY 6.1 (OR) 6.2 OF CLASS "C" (OR)"D"(OR) "E" ONLY WILL BE CONSIDERED FOR THE WORK

Statutory Requirements:

AGENCIES HAVING VALID ELECTRICAL LICENCE IN CATEGORY "A" ISSUED BY ANYSTATE LICENCE BOARD/AUTHORITY WILL ONLY BE CONSIDERED

6. NATURE & SCOPE OF WORK:

AS PER SOW ATTACHED TO TENDER SCHEDULE

7 ITEM DETAILS/BOQ:

AS PER BOQ ATTACHED TO TENDER SCHEDULE

8 LIST OF TENDER DOCUMENTS:

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

1)TENDER SCHEDULE

2)UNDERTAKING LETTER

3)BID SECURITY DECLARATION

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 CFOLDER TECH BID:

**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 techno 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 internetconnection 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 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/ 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. Security Deposit if any will be forfeited. Thecontracting 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 SecurityDeclaration shall supersede the related clauses of Special Conditionsof 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.

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

	RINL VIGILANCE TOLL FREE NUMBER: 1800 425 8878	
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1 DETAILED TERMS & CONDITIONS OF NIT:

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 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/ 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. Security Deposit if any will be forfeited. Thecontracting 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 Special Conditions 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.

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

2 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 VSP's 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 IXUR'r qtvn Tenderers shall see the SRM Portal / CPPP portal IXUR'r qtvn 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

3 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, <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 45days whichever is earlier, from the date of receipt of bill, complete in all respects, by the Engineer in-charge.



RAHSTRIYA ISPAT NIGAM LIMITED
VISAKHAPATNAM STEEL PLANT
VISAKHAPATNAM - 530031

BILL OF QUANTITIES / PRICE SCHEDULE

PR No / Date: 73007094 / 21.07.2021	Report Date : 24.07.2021
Pur . Org.: WORKS CONTRACTS	
MSS: 3340714802 : VARIOUS ELECTRICAL REPAIRS, MAINTENANCE- Various Ele ctrical Repairs, Maintenance-Modification Jobs in BF-3	

The BOQ Items are taken as per the following Rates.						
		Central Rates	VSP Rates			
Skilled		707.000	1,077.150			
Semi Skilled		603.000	933.950			
Unskilled		534.000	832.650			
Sl.No	Service Number	Description of the item	Qty	UOM	Rate	Amount
1	410000304	REVISIONING OF AC MOTORS INCLUDING BEARING CHANGING WHEREVER APPLICABLE OF THE FOLLOWING RATED MOTORS.THE JOB HAS TO BE CARRIED OUT INSIDE VSP.(SUPPLY OF BEARINGS,TRANSPORTATION UNDER VSP SCOPE).UPTO AND INCLUDING 5 KW	52.000	EA	317.67	16,518.84
2	410000305	REVISIONING OF AC MOTORS INCLUDING BEARING CHANGING WHEREVER APPLICABLE OF THE FOLLOWING RATED MOTORS.THE JOB HAS TO BE CARRIED OUT INSIDE VSP.(SUPPLY OF BEARINGS,TRANSPORTATION UNDER VSP SCOPE).5.1 KW TO 15 KW	20.000	EA	390.96	7,819.20
3	410000306	REVISIONING OF AC MOTORS INCLUDING BEARING CHANGING WHEREVER APPLICABLE OF THE FOLLOWING RATED MOTORS.THE JOB HAS TO BE CARRIED OUT INSIDE VSP.(SUPPLY OF BEARINGS,TRANSPORTATION UNDER VSP SCOPE).15.1 KW TO 45 KW	12.000	EA	586.47	7,037.64
4	410000307	REVISIONING OF AC MOTORS INCLUDING BEARING CHANGING WHEREVER APPLICABLE OF THE FOLLOWING RATED MOTORS.THE JOB HAS TO BE CARRIED OUT INSIDE VSP.(SUPPLY OF BEARINGS,TRANSPORTATION UNDER VSP SCOPE).45.1KW TO 100KW	8.000	EA	977.48	7,819.84
5	410000308	REMOVAL OF THE MOTOR OF FOLLOWING CAPACITIES:-THE JOB INCLUDES REMOVAL OF THE MOTOR FROM THE FOUNDATION,REMOVAL OF THE COUPLING,BRAKE DRUM,TACHO (WHEREVER APPLICABLE)AND TRANSPORTING THE MOTOR FROM SITE TO ERS.(VEHICAL FOR TRANSPORTATION UNDER VSP SCOPE).UPTO AND INCLUDING 5 KW	52.000	EA	305.44	15,882.88
6	410000309	REMOVAL OF THE MOTOR OF FOLLOWING CAPACITIES:-THE JOB INCLUDES REMOVAL OF THE MOTOR FROM THE FOUNDATION,REMOVAL OF THE COUPLING, BRAKE DRUM,TACHO (WHEREVER APPLICABLE)AND TRANSPORTING THE MOTOR FROM SITE TO ERS.(VEHICAL FOR TRANSPORTATION UNDER VSP SCOPE).5.1 KW TO 15 KW	20.000	EA	439.84	8,796.80
7	410000310	REMOVAL OF THE MOTOR OF FOLLOWING	12.000	EA	586.47	7,037.64



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		CAPACITIES:-THE JOB INCLUDES REMOVAL OF THE MOTOR FROM THE FOUNDATION,REMOVAL OF THE COUPLING,BRAKE DRUM,TACHO (WHEREVER APPLICABLE)AND TRANSPORTING THE MOTOR FROM SITE TO ERS.(VEHICAL FOR TRANSPORTATION UNDER VSP SCOPE).15.1 KW TO 45 KW				
8	410000311	REMOVAL OF THE MOTOR OF FOLLOWING CAPACITIES:-THE JOB INCLUDES REMOVAL OF THE MOTOR FROM THE FOUNDATION, REMOVAL OF THE COUPLING, BRAKE DRUM, TACHO (WHEREVER APPLICABLE) AND TRANSPORTING THE MOTOR FROM SITE TO ERS.(VEHICAL FOR TRANSPORTATION UNDER VSP SCOPE),45 KW TO 100 KW	8.000	EA	684.19	5,473.52
9	410000312	RE-INSTALLATION OF THE MOTOR OF FOLLOWING CAPACITIES:-THE JOB INCLUDES COLLECTING THE MOTOR FROM ERS/STORES AND SHIFTING TRANSPORTING THE MOTOR TO THE SITE,FIXING THE COUPLING TO THE MOTOR,PLACEMENT,ALIGNMENT,TERMINATION,TESTING AND COMMISSIONING.(VEHICLE FOR TRANSPORT UNDER VSP SCOPE).UPTO AND INCLUDING 5 KW	52.000	EA	439.84	22,871.68
10	410000313	RE-INSTALLATION OF THE MOTOR OF FOLLOWING CAPACITIES:-THE JOB INCLUDES COLLECTING THE MOTOR FROM ERS/STORES AND SHIFTING TRANSPORTING THE MOTOR TO THE SITE,FIXING THE COUPLING TO THE MOTOR,PLACEMENT,ALIGNMENT,TERMINATION,TESTING AND COMMISSIONING.(VEHICLE FOR TRANSPORT UNDER VSP SCOPE).5.1 KW TO 15 KW	20.000	EA	439.84	8,796.80
11	410000314	RE-INSTALLATION OF THE MOTOR OF FOLLOWING CAPACITIES:-THE JOB INCLUDES COLLECTING THE MOTOR FROM ERS/STORES AND SHIFTING TRANSPORTING THE MOTOR TO THE SITE,FIXING THE COUPLING TO THE MOTOR,PLACEMENT,ALIGNMENT,TERMINATION,TESTING AND COMMISSIONING.(VEHICLE FOR TRANSPORT UNDER VSP SCOPE).15.1 KW TO 45 KW	12.000	EA	586.47	7,037.64
12	410000315	RE-INSTALLATION OF THE MOTOR OF FOLLOWING CAPACITIES:- THE JOB INCLUDES COLLECTING THE MOTOR FROM ERS/STORES AND SHIFTING TRANSPORTING THE MOTOR TO THE SITE, FIXING THE COUPLING TO THE MOTOR, PLACEMENT, ALIGNMENT, TERMINATION, TESTING AND COMMISSIONING.(VEHICLE FOR TRANSPORT UNDER VSP SCOPE).45.1 KW TO 100 KW	8.000	EA	659.75	5,278.00
13	410000323	INSTALLATION OF LT CABLES 1.1KV GRADE PVC INSULATED AND SHEATHED COPPER CONDUCTOR CONTROL CABLE OF FOLLOWING SIZES ON RACKS,HOOKS,CLAMPS,HANGERS,TRAYS,ALONG WALL CEILING ETC.AND THROUGH PIPES.(INSTALLATION OF IDENTIFICATION TAGS,FIXING CLAMPS AND SADDLES FOR CABLES ARE IN THE SCOPE OF CONTRACTOR).AS	1,400.000	M	12.20	17,080.00



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		PER VSP/GS/20/6.6.(SUPPLY OF CABLES AND MATERIALS UNDER VSP SCOPE).10/14/19 CORE*1.5/2.5 SQ.MM				
14	410000320	INSTALLATION OF LT POWER CABLES COPPER/ALUMINIUM, ARMoured/UNARMoured OF FOLLOWING SIZES ON RACKS, HOOKS, CLAMPS, HANGERS, TRAYS, ALONG WALL CEILING ETC AND THROUGH PIPES. (INSTALLATION OF IDENTIFICATION TAGS, FIXING CLAMPS AND SADDLES FOR CABLES ARE IN THE SCOPE OF CONTRACTOR) AS PER VSP/GS/20/6.6,(SUPPLY OF CABLES AND MATERIALS UNDER VSP SCOPE),2/3/3.5/4 CORE * 50/35/25/16 SQ.MM	800.000	M	12.20	9,760.00
15	410000321	INSTALLATION OF LT POWER CABLES COPPER/ALUMINIUM,ARMoured/UNARMoured OF FOLLOWING SIZES ON RACKS,HOOKS,CLAMPS,HANGERS,TRAYS,ALONG WALL CEILING ETC AND THROUGH PIPES.(INSTALLATION OF IDENTIFICATION TAGS,FIXING CLAMPS AND SADDLES FOR CABLES ARE IN THE SCOPE OF CONTRACTOR) AS PER VSP/GS/20/6.6,(SUPPLY OF CABLES AND MATERIALS UNDER VSP SCOPE)2/3/3.5/4 CORE * 10/6 SQ.MM	700.000	M	7.33	5,131.00
16	410000326	"TERMINATION OF 1.1KV GRADE ALUMINIUM/COPPER CONDUCTOR PVC/BUTYEL RUBBER/PCP/ASBESTOS/GLASS FIBRE INSULATION/HEAT RESISTANT/ ARMoured/UNARMoured CABLES OF FOLLOWING SIZES. (SUPPLY OF CABLE LUGS/TERMINATION KITS UNDER VSP SCOPE).#3/3.5/4 CORE * 50/35 SQ.MM"	100.000	EA	122.18	12,218.00
17	410000327	TERMINATION OF 1.1KV GRADE ALUMINIUM/COPPER CONDUCTOR PVC/BUTYEL RUBBER/PCP/ASBESTOS/GLASS FIBRE INSULATION/HEAT RESISTANT/ ARMoured/UNARMoured CABLES OF FOLLOWING SIZES.(SUPPLY OF CABLE LUGS/TERMINATION KITS UNDER VSP SCOPE).3/3.5/4 CORE * 25/16 SQ.MM	100.000	EA	61.10	6,110.00
18	410000328	TERMINATION OF 1.1KV GRADE ALUMINIUM/COPPER CONDUCTOR PVC/BUTYEL RUBBER/PCP/ASBESTOS/GLASS FIBRE INSULATION/HEAT RESISTANT/ ARMoured/UNARMoured CABLES OF FOLLOWING SIZES.(SUPPLY OF CABLE LUGS/TERMINATION KITS UNDER VSP SCOPE).3/3.5/4 CORE * 10/6 SQ.MM	100.000	EA	36.65	3,665.00
19	410000330	TERMINATION OF 1.1KV GRADE PVC INSULATED AND SHEATHED COPPER CONDUCTOR CONTROL CABLE OF FOLLOWING SIZES.(SUPPLY OF CABLE LUGS/TERMINATION KITS UNDER VSP SCOPE).14/19 CORE* 1.5/2.5 SQ.MM	120.000	EA	109.97	13,196.40
20	410000335	INSTALLATION AND COMMISSIONING OF 70-150W,HPSV/HPMV/LPSV,WELL GLASS / FLOODLIGHT / HIGHBAY / MEDIUM BAY / BULKHEAD; COMPLETE LIGHT FITTINGS WITH LAMPS AND OTHER	54.000	EA	146.62	7,917.48



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		ACCESSORIES CONFORMING TO ITEM NO.4 OF VSP/GS-21 ; INCLUDING HANDLING AND TRANSPORTATION FROM SITE STORES (NOT MORE THAN 2 KMS) AND CABLE LAYING (NOT MORE THAN 10 MTRS).(SUPPLY OF MATERIALS IN VSP SCOPE).				
21	410000338	CHANGE OF FITTING,BULBS,OTHER ACCESSARIES,CIRCUIT PROBLEM RECTIFICATION OF TOWER LIGHTS AND 150 / 250 / 400 WATTS HPSV/HPMV,MEDIUM / LOW BAY FITTINGS.	40.000	EA	196.92	7,876.80
22	410000349	"LAYING OF G.I PIPES ON WALLS/HANGERS/STRUCTURES/ETC., ALONGWITH#FIXING OF SADDLES AND SPACERS FOR THE FOLLOWING SIZES AS PER#VSP-GS-20 (SUPPLY OF SADDLES,SPACERS AND FIXING BRACKETS,G.I PIPES UNDER THE SCOPE OF THE VSP).#60/80/100 MM DIA#"	400.000	M	58.65	23,460.00
23	410000351	INSTALLATION OF G.I STRIPS EMBEDDED/ALONGWITH STRUCTURES FOR THE FOLLOWING SIZES:50 * 6 MM	400.000	M	30.88	12,352.00
24	410000352	FABRICATION OF PANELS/RACKS/SHELVES/SUPPORT PLATFORMS/CANOPIES/ CABLE TRAYS/COVERS OF STEEL COMPRISING OF ANGLES,CHANNELS,PLATES,SHEETS WITH 2 COATS OF RED OXIDE PRIMER.(SUPPLY OF STEEL IN VSP SCOPE).	6.000	TO	4,569.55	27,417.30
25	410000355	DISMANTLING/REPLACEMENT/ERECTION OF JUNCTION BOXES WHICH INCLUDE LAYING OF CONDUIT,GROUTING,CABLING AND CABLE TERMINATION.SUPPLY OF JN.BOXES,CONDUIT,CABLE TERMINATION KIT IN VSP SCOPE.ABOVE 200 * 200 * 200 MM AND UPTO INCLUDING 600 * 600 * 300 MM	24.000	EA	672.00	16,128.00
26	410000364	SWITCH BOARD WOODEN FIXING INCLUDING SWITCHES FIXING ON BOARD.	40.000	EA	377.51	15,100.40
27	410000365	ESP HT INSULATORS CHANGING.(JOB INCLUDES REMOVING DEFECTIVE HT INSULATORS,FIXING GOOD INSULATORS AND SETTING THE FILEDS PROPERLY .	6.000	EA	3,611.24	21,667.44
28	410000346	CONNECTING HAND LAMPS SWITCH BOARDS TO THE LDB AT DIFFERENT PLACES AS PER OPERATIONAL REQUIREMENT WITH REQUIRED LENGHT OF CABLE AND COLLECTING BACK AFTER THE WORK COMPLETION DURING SHUT DOWN AND MAJOR BREAK DOWNS.	80.000	EA	59.15	4,732.00
29	410000339	INSTALLATION OF HPSV/HPMV/LPSV SINGLE/DUAL LAMP LIGHT FITTINGS,BULK HEAD/WELL GLASS/FLOOD LIGHT/STREET LIGHT/SEARCH LIGHT/MAS TYPE/ANOTHER TYPE WITH CONTROL GEARBOX AT HEIGHTS FOR EX:-STREE LIGHTS/CHIMNEYS/TOWER LIGHTS/BF TOP/ ROOF TOP ETC.INCLUDING SHIFTING THE FITTING WITH ACCESSORIES FROM SITE STORES TO THE LOCATION,WELDING/GAS CUTTING AT HEIGHTS,CONNECTIONS,LAYING OF CABLE (NOT MORE THAN 10 MTRS),TERMINATION,TESTING,COMMISSIONING COMPLETE (LIGHT FITTING WITH ACCESSORIES).CABLE	40.000	EA	244.34	9,773.60



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		TERMINATION KIT IN VSP SCOPE.70/ 125/ 150 WATTS				
30	410000334	REMOVAL OF BURNT / USED POWER CABLES FROM ITS LOCATION AND TRANSFERING THE SAME TO SITE STORES FOR CU / AL CABLES OF SIZE:3 / 3.5 / 4 CORE POWER CABLES BELOW 50 SQ.MM AND ALL CU CONTROL CABLE.	2,000.000	M	9.81	19,620.00
31	410000367	FAULT FINDING/RECTIFICATION AND REPLACEMENT OF CEILING FAN / EXHAUST FAN.	40.000	EA	262.60	10,504.00
32	410000368	"FAULT FINDING/RECTIFICATION/REPLACEMENT AND TESTING OF ELECTRICAL#PANELS. THE JOB INCLUDES REPLACEMENT OF DEFECTIVE COMPONENTS,#INTERNAL WIRING RECTIFICATION, TESTING AND RECOMMISSIONING. (SUPPLY OF SPARE COMPONENTS UNDER THE SCOPE OF VSP).#TIMER SWITCH /AUXILIARY RELAY / AUXILIARY CONTACTOR"	20.000	EA	68.40	1,368.00
33	410000369	FAULT FINDING/RECTIFICATION/REPLACEMENT AND TESTING OF ELECTRICAL PANELS.THE JOB INCLUDES REPLACEMENT OF DEFECTIVE COMPONENTS,INTERNAL WIRING RECTIFICATION,TESTING AND RECOMMISSIONING.(SUPPLY OF SPARE COMPONENTS UNDER THE SCOPE OF VSP).ABOVE 110 AMPS	44.000	EA	158.83	6,988.52
34	410000370	"FAULT FINDING/RECTIFICATION/REPLACEMENT AND TESTING OF ELECTRICAL#PANELS. THE JOB INCLUDES REPLACEMENT OF DEFECTIVE COMPONENTS,#INTERNAL WIRING RECTIFICATION, TESTING AND RECOMMISSIONING. (SUPPLY OF SPARE COMPONENTS UNDER THE SCOPE OF VSP).#100 - 400 AMPS"	20.000	EA	268.80	5,376.00
35	410000380	REPLACEMENT OF DEFECTIVE CURRENT COLLECTORS / INSULATORS OF EOT CRANES BELOW 60 TON CAPACITY.	40.000	EA	147.69	5,907.60
36	410000382	CONNECTION OF WELDING TRANSFORMERS AFTER MEGGERING,MAINTENANCE OF THE SAME ROUND THE CLOCK DURING MAJOR REPAIRS	44.000	EA	135.05	5,942.20
37	410000383	REMOVAL OF ENTIRE CORE FROM THE TRANSFORMER TANK AFTER REMOVING OIL UPTO REQUIRED LEVEL AND FIXING IT BACK AFTER RECTIFICATION.	2.000	EA	1,527.28	3,054.56
38	410000384	TRANSPORTION OF ELECTRICAL EQUIPMENTS / CABLES / MOTORS ETE TO FROM STORES TO SITE AND DIFFERENT PLACES IN SITE FROM SITE TO ARS/ STORES WITH IN PLANT BOUNDARY.VEHICLE WILL BE PROVIDED BY VSP.	24.000	TO	590.88	14,181.12
39	410000377	REPLACEMENT OF TRAILING POWER AND CONTROL CABLES FOR ELECTRICAL OPERATED HOIST TELPHERS OF CAPACITY UPTO AND INCLUDING 10 TONNE.THE JOB INCLUDES TERMINATION,TESTING AND COMMISSIONING.	4.000	SET	2,444.18	9,776.72
40	410000426	PREVENTIVE MAINTENANCE OF HOT STOVES OF BF#3 AS PER SCHEDULE & CHK LIST OF ENGG IN CHARGE	24.000	EA	2,161.53	51,876.72
41	410000427	PREVENTIVE MAINTENANCE OF BLT SYSTEM OF	48.000	EA	2,700.17	129,608.16



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		BF#3AS PER SCHEDULE & CHK LIST OF ENGG IN CHARGE				
42	410000428	PREVENTIVE MAINTENANCE OF CH EQUIPMENT OF BF#3 AS PER SCHEDULE & CHK LIST OF ENGG IN CHARGE	24.000	EA	8,646.16	207,507.84
43	410000429	PREVENTIVE MAINTENANCE OF INBA(NORTH AND SOUTH) OF BF#3 AS PER SCHEDULE & CHK LIST OF ENGG IN CHARGE	24.000	EA	4,323.09	103,754.16
44	410000430	PREVENTIVE MAINTENANCE OF FIRE FIGHTING PUMP HOUSE OF BF#3 AS PER SCHEDULE & CHK LIST OF ENGG IN CHARGE	12.000	EA	1,622.94	19,475.28
45	410000431	PREVENTIVE MAINTENANCE OF TLC OF BF AS PER SCHEDULE & CHK LIST OF ENGG IN CHARGE	24.000	EA	2,161.53	51,876.72
46	410000432	PREVENTIVE MAINTENANCE OF MAIN ECR OF BF#3 AS PER SCHEDULE & CHK LIST OF ENGG IN CHARGE	24.000	EA	2,161.53	51,876.72
47	410000433	PREVENTIVE MAINTENANCE OF GCP OF BF#3 AS PER SCHEDULE & CHK LIST OF ENGG IN CHARGE	12.000	EA	811.47	9,737.64
48	410000435	PREVENTIVE MAINTENANCE OF PCI OF BF#3 AS PER SCHEDULE & CHK LIST OF ENGG IN CHARGE	8.000	EA	4,323.09	34,584.72
49	410000436	PREVENTIVE MAINTENANCE OF CH-DEDUSTING SYSTEM OF BF#3 AS PER SCHEDULE & CHK LIST OF ENGG IN CHARGE	24.000	EA	3,242.30	77,815.20
50	410000437	PREVENTIVE MAINTENANCE OF 35/10 TON CAST HOUSE CRANE OF BF#3 AS PER SCHEDULE & CHK LIST OF ENGG IN CHARGE	48.000	EA	2,700.17	129,608.16
51	410000438	PREVENTIVE MAINTENANCE OF 35/10 TON OUTRIGGER CRANE OF BF#3 AS PER SCHEDULE & CHK LIST OF ENGG IN CHARGE	12.000	EA	2,700.17	32,402.04
52	410000439	PREVENTIVE MAINTENANCE OF 2 TO 5 TON HOISTS OF BF#3 AS PER SCHEDULE & CHK LIST OF ENGG IN CHARGE	12.000	EA	2,700.17	32,402.04
53	410000440	PREVENTIVE MAINTENANCE OF 6 TO 20 TON HOISTS OF BF#3 AS PER SCHEDULE & CHK LIST OF ENGG IN CHARGE	12.000	EA	1,684.68	20,216.16
54	410000441	PREVENTIVE MAINTENANCE OF 20 TO 30 TON HOISTS OF BF#3 AS PER SCHEDULE & CHK LIST OF ENGG IN CHARGE	12.000	EA	1,622.94	19,475.28
55	410000442	PREVENTIVE MAINTENANCE OF ALL CABLE-TUNNELS AND VENTILATION SHAFTS OF BF#3 AS PER SCHEDULE & CHK LIST OF ENGG IN CHARGE	8.000	EA	1,622.94	12,983.52
56	410000444	PREVENTIVE MAINTENANCE OF LIGHTNING EARTH PITS OF BF#3 AS PER SCHEDULE & CHK LIST OF ENGG IN CHARGE	40.000	EA	1,080.77	43,230.80
57	410000446	PREVENTIVE MAINTENANCE OF GENERAL EARTH PITS OF BF#3 AS PER SCHEDULE & CHK LIST OF ENGG IN CHARGE	48.000	EA	1,080.77	51,876.96
58	410000447	PREVENTIVE MAINTENANCE OF WDBS OF BF#3 AS PER SCHEDULE & CHK LIST OF ENGG IN CHARGE	12.000	EA	1,684.68	20,216.16
59	410000448	PREVENTIVE MAINTENANCE OF UTILILITY SOCKETS OF	8.000	EA	1,684.68	13,477.44



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		BF#3 AS PER SCHEDULE & CHK LIST OF ENGG IN CHARGE				
60	410000449	PREVENTIVE MAINTENANCE OF SCREENING SYSTEM IN STOCK HOUSE OF BF#3 (INCLUDES SCREEN MOTORS,DOUBLE DECKER SCREEN,VIBROFEEDERS,ADDITIVE FEEDERS ETC.) AS PER SCHEDULE & CHK LIST OF ENGG IN CHARGE	240.000	EA	2,161.53	518,767.20
61	410000450	PREVENTIVE MAINTENANCE OF FINES VIBROFEEDERS SYSTEM IN STOCK HOUSE OF BF#3 AS PER SCHEDULE & CHK LIST OF ENGG IN CHARGE	240.000	EA	1,622.94	389,505.60
62	410000451	PREVENTIVE MAINTENANCE OF WEIGHING HOPPER GATES IN STOCK HOUSE OF BF#3 AS PER SCHEDULE & CHK LIST OF ENGG IN CHARGE	160.000	EA	1,622.94	259,670.40
63	410000452	PREVENTIVE MAINTENANCE OF SAMPLE COLLECTION SYSTEM IN STOCK HOUSE OF BF#3 AS PER SCHEDULE & CHK LIST OF ENGG IN CHARGE	12.000	EA	1,622.94	19,475.28
64	410000453	PREVENTIVE MAINTENANCE OF MAGNETIC SEPARATOR SYSTEM IN STOCK HOUSE OF BF#3 AS PER SCHEDULE & CHK LIST OF ENGG IN CHARGE	8.000	EA	1,146.08	9,168.64
65	410000454	PREVENTIVE MAINTENANCE OF SH ECR OF BF#3 AS PER SCHEDULE & CHK LIST OF ENGG IN CHARGE	12.000	EA	2,700.17	32,402.04
66	410000455	PREVENTIVE MAINTENANCE OF ESP PNEUMATIC DISCHARGE SYSTEM OF STOCK HOUSE OF BF#3 AS PER SCHEDULE & CHK LIST OF ENGG IN CHARGE	48.000	EA	1,622.94	77,901.12
67	410000456	PREVENTIVE MAINTENANCE OF ELECTRICS OF PNEUMATIC SUCTION VALVES OF DE SYSTEM OF STOCK HOUSE OF BF#3 AS PER SCHEDULE & CHK LIST OF ENGG IN CHARGE	24.000	EA	1,146.08	27,505.92
68	410000457	PREVENTIVE MAINTENANCE OF ESP TR/FIELDS SET OF STOCK HOUSE OF BF#3 AS PER SCHEDULE & CHK LIST OF ENGG IN CHARGE	12.000	EA	2,161.53	25,938.36
69	410000458	PREVENTIVE MAINTENANCE OF ESP LT MOTORS OF STOCK HOUSE OF BF#3 AS PER SCHEDULE & CHK LIST OF ENGG IN CHARGE	12.000	EA	1,622.94	19,475.28
70	410000459	PREVENTIVE MAINTENANCE OF LIGHTING SYSTEM OF CABLE TUNNELS OF BF#3	12.000	EA	2,161.53	25,938.36
71	410000460	PREVENTIVE MAINTENANCE OF LIGHTING SYSTEM OF VENTILATION SHAFTS/EXHAUST STATIONS OF BF#3	12.000	EA	1,077.23	12,926.76
72	410000461	PREVENTIVE MAINTENANCE OF LIGHTING SYSTEM OF BF HEARTH AREA OF BF#3	24.000	EA	2,161.53	51,876.72
73	410000462	PREVENTIVE MAINTENANCE OF LIGHTING SYSTEM OF CAST HOUSE HIGH BAY OF BF#3	24.000	EA	2,161.53	51,876.72
74	410000463	PREVENTIVE MAINTENANCE OF LIGHTING SYSTEM OF CAST HOUSE OF BF#3	96.000	EA	1,077.23	103,414.08
75	410000464	PREVENTIVE MAINTENANCE OF LIGHTING SYSTEM OF TUYERE PLATFORM OF BF#3	48.000	EA	538.61	25,853.28
76	410000465	PREVENTIVE MAINTENANCE OF LIGHTING SYSTEM OF EQUIPMENT FLOOR OF BF#3	48.000	EA	538.61	25,853.28
77	410000466	PREVENTIVE MAINTENANCE OF LIGHTING SYSTEM OF	48.000	EA	1,684.68	80,864.64



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		BF PROPER OF BF#3				
78	410000467	PREVENTIVE MAINTENANCE OF LIGHTING SYSTEM OF CH DEDUSTING AREA OF BF#3	24.000	EA	1,684.68	40,432.32
79	410000468	PREVENTIVE MAINTENANCE OF LIGHTING SYSTEM OF CABLE BRIDGE FROM MAIN ELEC BUILDING TO CAST HOUSE OF BF#3	24.000	EA	1,077.23	25,853.52
80	410000469	PREVENTIVE MAINTENANCE OF LIGHTING SYSTEM OF HOT STOVES OF BF#3	48.000	EA	1,684.68	80,864.64
81	410000470	PREVENTIVE MAINTENANCE OF LIGHTING SYSTEM OF HOT STOVES HYDRAULIC ROOM OF BF#3	48.000	EA	1,684.68	80,864.64
82	410000471	PREVENTIVE MAINTENANCE OF LIGHTING SYSTEM OF DG ROOM OF BF#3	8.000	EA	1,077.23	8,617.84
83	410000472	PREVENTIVE MAINTENANCE OF LIGHTING SYSTEM OF GCP SCRUBBER,DEMISTER AND DUSTCATCHER AREA OF BF#3	4.000	EA	1,684.68	6,738.72
84	410000473	PREVENTIVE MAINTENANCE OF LIGHTING SYSTEM OF PCI PROCESS AREA OF BF#3	8.000	EA	2,161.53	17,292.24
85	410000474	PREVENTIVE MAINTENANCE OF LIGHTING SYSTEM OF INBA- NORTH CONVEYOR SC-1AND JUNCTION HOUSE AREA OF BF#3	24.000	EA	1,077.23	25,853.52
86	410000475	PREVENTIVE MAINTENANCE OF LIGHTING SYSTEM OF INBA- NORTH CONVEYOR SLURRY PUMP HOUSE AREA OF BF#3	24.000	EA	1,077.23	25,853.52
87	410000476	PREVENTIVE MAINTENANCE OF LIGHTING SYSTEM OF INBA- NORTH DEWATERING AREA OF BF#3	24.000	EA	1,077.23	25,853.52
88	410000477	PREVENTIVE MAINTENANCE OF LIGHTING SYSTEM OF INBA- NORTH COOLING TOWER AREA OF BF#3	24.000	EA	1,077.23	25,853.52
89	410000478	PREVENTIVE MAINTENANCE OF LIGHTING SYSTEM OF INBA- SOUTH CONVEYOR SLC-2 AND JUNCTION HOUSE OF BF#3	24.000	EA	1,077.23	25,853.52
90	410000479	PREVENTIVE MAINTENANCE OF LIGHTING SYSTEM OF INBA- SOUTH CONVEYOR SLURRY PUMP HOUSE OF BF#3	24.000	EA	1,077.23	25,853.52
91	410000480	PREVENTIVE MAINTENANCE OF LIGHTING SYSTEM OF INBA- SOUTH DEWATERING AREA OF BF#3	24.000	EA	1,077.23	25,853.52
92	410000481	PREVENTIVE MAINTENANCE OF LIGHTING SYSTEM OF BLT OF BF#3	48.000	EA	1,684.68	80,864.64
93	410000482	PREVENTIVE MAINTENANCE OF LIGHTING SYSTEM OF BLT(ROOMS) OF BF#3	48.000	EA	1,077.23	51,707.04
94	410000483	PREVENTIVE MAINTENANCE OF LIGHTING SYSTEM OF BF ELEVATOR OF BF#3	24.000	EA	1,684.68	40,432.32
95	410000484	PREVENTIVE MAINTENANCE OF LIGHTING SYSTEM OF SPARES STORES OF BF#3	24.000	EA	507.74	12,185.76
96	410000485	PREVENTIVE MAINTENANCE OF LIGHTING SYSTEM OF HVWS PUMP HOUSE OF BF#3	12.000	EA	507.74	6,092.88
97	410000486	PREVENTIVE MAINTENANCE OF LIGHTING SYSTEM OF ABLUTION BLOCK OF BF#3	12.000	EA	1,015.48	12,185.76
98	410000487	PREVENTIVE MAINTENANCE OF LIGHTING SYSTEM OF NITROGRN BOOSTER COMPRESSOR ROOM OF BF#3	8.000	EA	538.61	4,308.88



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
99	410000488	PREVENTIVE MAINTENANCE OF LIGHTING SYSTEM OF STOCK HOUSE PROCESS BLDNG OF BF#3	48.000	EA	2,161.53	103,753.44
100	410000489	PREVENTIVE MAINTENANCE OF LIGHTING SYSTEM OF STOCK HOUSE CABLE BRIDGE OF BF#3	24.000	EA	807.93	19,390.32
101	410000490	PREVENTIVE MAINTENANCE OF LIGHTING SYSTEM OF COAL FINES BLDNG OF BF#3	48.000	EA	1,684.68	80,864.64
102	410000491	PREVENTIVE MAINTENANCE OF LIGHTING SYSTEM OF FERROUS FINES BLDNG OF BF#3	48.000	EA	1,684.68	80,864.64
103	410000492	PREVENTIVE MAINTENANCE OF LIGHTING SYSTEM OF STOCK HOUSE DE-DUSTING AREA OF BF#3	48.000	EA	2,161.53	103,753.44
104	410000493	PREVENTIVE MAINTENANCE OF LIGHTING SYSTEM OF WASTE GAS BOOSTER FAN BLDNG OF BF#3	8.000	EA	1,077.23	8,617.84
105	410000494	PREVENTIVE MAINTENANCE OF LIGHTING SYSTEM OF BF MAIN ELECTRIC BLDNG OF BF#3	48.000	EA	1,684.68	80,864.64
106	410000495	PREVENTIVE MAINTENANCE OF LIGHTING SYSTEM OF INBA-NORTH ELECTRIC BLDNG OF BF#3	24.000	EA	807.93	19,390.32
107	410000496	PREVENTIVE MAINTENANCE OF LIGHTING SYSTEM OF INBA-SOUTH ELECTRIC BLDNG OF BF#3	24.000	EA	807.93	19,390.32
108	410000497	PREVENTIVE MAINTENANCE OF LIGHTING SYSTEM OF PCI ELECTRIC BLDNG OF BF#3	8.000	EA	1,077.23	8,617.84
109	410000498	PREVENTIVE MAINTENANCE OF LIGHTING SYSTEM OF CANTEEN BLDNG OF BF#3	12.000	EA	1,684.68	20,216.16
110	410000499	PREVENTIVE MAINTENANCE OF LIGHTING SYSTEM OF STOCK HOUSE ELECTRICAL BLDNG OF BF#3	48.000	EA	2,161.53	103,753.44
111	410000501	PREVENTIVE MAINTENANCE OF LIGHTING SYSTEM OF FIRE WATER PUMP HOUSE OF BF#3	4.000	EA	807.93	3,231.72
Total Value: In words : forty five lakh ninety one thousand two hundred fourteen rupees sixty two paise						4,591,214.62

Signature of the Tendere

SCOPE OF WORKWork Desc : **VARIOUS ELECTRICAL REPAIRS, MAINTENANCE-MODIFICATION JOBS IN BF-3**

Cond No	Cond Desc
1.0	The job includes maintenance activities related to all electrical power system and equipments in BF-3 complex which is necessary for smooth running of Blast furnace. The various kinds of jobs include assistance in: <ol style="list-style-type: none"> 1) Preventive Maintenance of electrical systems of all process in BF-3; 2) Inspection and General maintenance of lighting system in BF-3; 3) Laying and termination of Various types of LT cable; 4) Removal, Revisioning and replacement of LT motors; 5) Enabling jobs like welding m/c, Flood light connections etc.; 6) Rectification and fixing of different light fixtures, fans etc.; 7) Preparation of all kinds of Lamps; 8) General maintenance of Cranes and ESP transformers; 9) Fixing of GI pipes /strips, Panels, switch boards etc.; 10) Contractor shall ensure disposal of waste generated out of its activities at the designated place within VSP; 11) The following materials/appliances are to be arranged by contractor: <ol style="list-style-type: none"> a) All tools, tackles, welding machine, gas cutting set and pipe bending machine. b) All safety appliances like safety shoes, helmets, Safety belts, goggles and hand gloves. 12) VSP Scope items are to be transported to work spot by contractor.
2.0	Brief Description of the Electrical systems in BF-3 complex (Not exhaustive):
2.1	HOT STOVE SYSTEM of BF-3 approximately consists of CA Fan Motors-3 Nos (665KW,6.6KV), Hydraulic Pumps-4Nos (55KW), Recirculation Pumps-2 Nos (5.5KW), Booster Fans-2 Nos (18.5KW), Greasing Pumps-2Nos (0.75kw), Valve stands, Field devices-125Nos.
2.2	BLT SYSTEM of BF-3 approximately consists of Hyd Pumps-4Nos (55KW), Re-Circ Pumps-2Nos (5.5KW), Grease pumps-2Nos (0.55KW), Cooling Pumps, Purge air fan-1No, IBP, Profilometer- 1No (18KW), Rotation and Tilting motor-2Nos (18.5KW), Inburden Probe-1No, Stock Rod-1No, VFDs, Field Devices-150Nos.
2.3	Cast House -EQUIPMENT SYSTEM of BF-3 approximately consists of Hyd pump-6Nos (132KW), Re-Circ. Pump-2Nos (5.5kw), Pilot pump-1No (5.5kw), Cooling Pump-3Nos (45kw), Pusher car motor-12Nos (22kw), VFDs-6Nos, Hydraulic Mudgun & Drilling M/c-4Nos each, Valve stands, Field devices-80Nos.
2.4	INBA SYSTEM (South & North) of BF-3 approximately consists of Slurry pumps-4Nos (315KW),

SCOPE OF WORK

Work Desc : **VARIOUS ELECTRICAL REPAIRS, MAINTENANCE-MODIFICATION JOBS IN BF-3**

	<p>Cooling Circuit.pumps-6Nos (200kw), Granulation pumps-6Nos (132kw), Booster pumps-2Nos (37 kw), Cooling Tower Fans-4Nos (75kw), De-Watering Drum Main Motor-2Nos(30kw), Recirculation Pumps-4Nos, Recovery Pumps-4Nos, Drain Pumps-4Nos, De-Watering Drum Aux motor-2Nos (11kw), VFDs-8,Field devices-50Nos.</p>
2.5	<p>FIRE FIGHTING SYSTEM P.H.of BF-3 approximately consists of Main pump-2 No (55kw), Jockey pump-2Nos (5.5kw), Compressor motor-1No (5.5kw), Field devices-25Nos .</p>
2.6	<p>DG SET SYSTEM of BF-3 approximately consists of a DG-800KVA , Control Panel Boards, Battery Set and its Charging Panel, Field equipment-10 Nos etc.,</p>
2.7	<p>PCI SYSTEM System of BF-3 approximately consists of Vertical Roller Mill Motors-2Nos(440KW,6.6KV), ID Fan-2 Nos (560KW,6.6KV), Hyd Motors-2Nos (2.2KW), Conveyor motors-2 Nos (7.5KW), N2 Compressor Motor-2Nos (250kw,6.6KV), Seal Air Fan-2Nos (2.4kw), Other Small L.T.Motors-15 Nos, VFDs-2Nos, Field devices-75Nos etc.,</p>
2.8	<p>CH-FUME EXTRACTION SYSTEM of BF-3 approximately consists of ID Fan-2Nos(1250KW,6.6KV), Rapping Motors-9Nos (0.12kw), Ruddler Motors-6Nos(7.5kw), Hot Room Blower-1No (4kw), Transformers-6Nos (106KVA), HT Insulators-25Nos, Field devices-50Nos, Louvers-24 nos.</p>
2.9	<p>CRANES SYSTEM: BF-3 Cranes and Hoists consists of LT, CT, Main Hoist and Aux hoist mechanisms with their Motors, Panels, VFDs & Field Devices.</p>
2.10	<p>CABLE TUNNEL AND VENTILATION SHAFT SYSTEM consists of Cable Tunnel of length-900 Mts (approx), Submersible Pumps-15 Nos (Approx) .</p>
2.11	<p>EARTH PIT SYSTEM of BF-3 consists of Neutral/General/Lighting/Electronic Earth pits of approximately 150 Nos.</p>
2.12	<p>WDBs AND UTILITY SOCKETS SYSTEM: BF-3 has Welding D.Bs-6Nos, Welding Sockets-715 Nos (Approx), Utilitiy Sockets -180Nos.</p>
2.13	<p>Stock House of BF-3 approximately consists of Screen motors-14Nos(15kw), Vibro feeder motors-40 Nos(2.4kw), VFDs-45 Nos, Weighing Hopper gate motors-14Nos(2.2kw), Sample collection system - 1No,</p>

SCOPE OF WORK

Work Desc : **VARIOUS ELECTRICAL REPAIRS, MAINTENANCE-MODIFICATION JOBS IN BF-3**

Metal Detector System-1No,
Double Decker Screen-1No,
Welding DB-1No,and
Field devices-200nos.

- 2.14 STOCK HOUSE DUST EXTRACTION SYSTEM consists of
Fan Motor-2Nos(450kw,6.6kv),
Rapping motors-6Nos(0.12kw),
Ruddler LT motors-5No,
Vibro feeder motors-12 Nos (1.9kw),
Pneumatic dust transport system and
ESP Field System (including HT transformer, insulators,
field control panel, blower motor, etc.)-3Nos and
Field devices-75Nos
- 2.15 SH ECR SYSTEM: approximately consists of
11KV Switchboard with module panel-20 Nos,
6.6KV Switchboard with module panel-18Nos,
PCC-1 Nos, MCC-8 Nos, V.Cs-10Nos,
Battery set, Battery Charger
- 2.16 LIGHTING SYSTEM. BF-3 lighting system approximately consists of
Lighting Fixtures of Ratings
18W,36W,70W,150W,250W,400W
2x36W,2x40W,2x100W and
types-CFL,Spot light,Metal halide,GLS Aviation type,HPSV etc.
- 2.17.a Approximate Quantity of Light fittings:
- Cable Tunnels-125 Nos
- Ventilation Shafts/Exhaust Stations - 100 Nos
- BF Hearth Area - 45 Nos
- Cast House High Bay - 60 Nos
- Cast House - 110 Nos
- Tuyere Platform - 10 Nos
- Equipment Floor - 10 Nos
- BF Proper - 125 Nos
- CH Dedusting area - 55 Nos
- Cable bridge from MEB to cast house - 5 Nos
- Hot stoves - 165 Nos
- Hot stoves hydraulic room - 30 Nos
- DG Room - 10 Nos
- GCP Scrubber,demister and dust catcher area - 165 Nos
- PCI process area - 335 Nos
- INBA-North Conveyor SC-1 and Junction House - 30 Nos
- INBA-North Conveyor Slurry pump house - 20 Nos
- INBA-North Dewatering area - 35 Nos
- INBA-North Cooling tower area - 40 Nos
- INBA-South Conveyor SC-1 and Junction House - 60 Nos
- INBA-South Conveyor Slurry pump house - 20 Nos
- INBA-South Dewatering area - 35 Nos
- BLT - 70 Nos
- BLT(Rooms) - 20 Nos
- BF Elevator - 80 Nos
- Spares Stores - 40 Nos
- HVWS Pump house - 25 Nos
- Ablution block - 15 Nos

SCOPE OF WORK

Work Desc : **VARIOUS ELECTRICAL REPAIRS, MAINTENANCE-MODIFICATION JOBS IN BF-3**

- Nitrogen booster compressor room - 15 Nos
- Stock House Process bldng - 150 Nos
- Stock House Cable bridge -10 Nos
- Coal Fines Bldng - 90 Nos

2.17.b

- Ferrous Fines Building - 70 Nos
- Stock House De-dusting Area - 55 Nos
- Waste gas Booster Fan Bldng - 30 Nos
- BF Main Electrical Bldng - 660 Nos
- INBA-North Electrical Bldng - 75 Nos
- INBA-South Electrical Bldng - 75 Nos
- PCI Electrical Bldng - 105 Nos
- Canteen Bldng - 70 Nos
- Stock House Electrical Bldng - 425 Nos
- Chiller Plant Bldng - 65 Nos
- Fire Water Pump House -35 Nos

3.0

A Sample check list of Jobs that may have to be carried out in the PREVENTIVE MAINTENANCE:

- Check the Functionality of Limit switches.
- Check the Functionality of vibration monitoring equipment, RTDs & BTDS
- Check the Tightness of cable connection, tightness of fixing screws of Limit switches, If missing replace with new one.
- Open the Local JB's ,PJB's,CJB's. Check for tightness of TB/Cable connections, any abnormalities etc if any.
- Blowing of MCC, Local JB's, PJB's, CJB's with light blower.
- Check the healthiness of indication lamps, start/stop push buttons at local control panel. Any abnormalities, if found, to be rectified .
- Any abnormalities found during maintenance should be rectified and same should be reported to Engineer In charge.
- Liquidation of defect list prepared during inspection.
- Check the functionality of contactors, relays etc, replace if found faulty.
- Check the Tightness of foundation bolts, couplings etc., If missing replace with new one.
- Meggering of the motors, recording the values.
- Check the Functionality of Limit switches and encoders.
- Check the Tightness of cable connection, tightness of fixing screws of Limit switches and Encoders. If missing replace with new one.

However appropriate check list will be provided during execution period.

TERMS AND CONDITIONS

WORK DESC:VARIOUS ELECTRICAL REPAIRS, MAINTENANCE-MODIFICATION JOBS IN BF-3

Cond No	Cond Desc
1	Agencies having valid electrical license issued by any state Licensing Board/Authority will be considered.
2	The contractor must visit all the areas and know details of work and Site conditions and should quote accordingly after getting himself fully satisfied.
3	The contractor has to deploy a minimum of 1 Supervisor, 09 Semi-skilled and 02 Unskilled male manpower to ensure smooth execution of the BOQ as per site requirement as stated by the Engineer in-Charge.
4	a) Semiskilled persons should have qualification ITI Electrical from recognized institute and minimum two years experience in electrical switch gear and Knowledge of material handling is necessary. b) Supervisor to be deployed as per statute, supervisor to be a qualified diploma holder in Electrical Engg with 2yrs of Minimum relevant industrial experience or ITI from a recognized institute with 5 years of relevant industrial experience. Supervisor will be responsible for safety of men and material thereof.
5	The contractor should be able to mobilize extra manpower as and when required due to unforeseen condition.
6	The contractor should obtain proper work authorization on a prescribed format from the site engineer before starting any job
7	All required safety and statutory clearances should be obtained by the contractor for his personnel before the commencement of the work
8	Certification will be done by the engineer-in-charges as per the work execution. His decision is final regarding payment.
9	Attendance of all employees of contractor shall be maintained by the contractor in a register which shall be certified by Engineer in charge or his representative.
10	If any material issued to contractor by VSP is excess, unutilized material is to be handed over to VSP immediately after completion of work.
11	It is the responsibility of the contractor not to damage/loose any VSP material issued to him. In case of loss of any material issued to him, he should bring the same to the notice of the Officer In charge in written form and the same to be informed to CISF otherwise it is deemed that all materials issued to him are with him. If it is informed at the time of closure of contract period, the total cost of the material will be recovered from his contract value.

TERMS AND CONDITIONS

12. SAFETY MEASURES TO BE FOLLOWED:
- a. All persons must wear F/R coats, helmet, shoe, dust masks, hand gloves, gum boots etc., as per the requirement at site and are to be provided by the contractor at his cost.
 - b. All the persons required to work at height, underground chambers, scaffoldings etc., must wear safety belt. Persons working at height should possess height pass issued by the Safety Engg Department. Safety belts to be supplied by the contractor at his cost.
 - c. All persons must have safety induction training before starting the given job.
 - d. Permit-to-work must be taken before starting the given job.
 - e. Proper attention is required while on work regarding movement of telphers, Cranes, Conveyors and other Mobile equipments.
 - f. The Contractor shall ensure usage of ISI marked regulators, hoses, nozzles, cutting torches, welding holders and cables for cutting and welding work. This must be adhered to strictly.
- 13.
- a. Onus lies with the contractor in Execution of BOQ. It shall be the responsibility of Contractor to ensure the execution of BOQ in Consultation with EIC, not limited to supply of manpower.
 - b. The defect liability period is 02 months of time.
 - c. Non adherence to the contract stipulations attract penalties at the sole discretion of the Engineer In Charge.
 - d. Work is to be done and completed to the satisfaction of the area I/C.
 - e. The contractor should clearly understand and comply with Factories act 1948.
 - f. The contractor should take proper work authorization on a prescribed format from the site engineer before starting any job and should maintain proper accounting of materials being issued by VSP.
 - g. All the required safety and statutory clearances should be obtained by the contractor for his personnel before the commencement of the work.
 - h. VSP being an OHSAS 18000-2007 Complying company, contractor and his workmen are expected to adhere to the stipulation of the OHSMS standards given to them, from time to time.
 - i. Movement of manpower within the complex of VSP in the context of executing the contract is under the scope of contractor.
 - j. It shall be the responsibility of the contractor to provide the tools, tackles, Measuring instruments, etc relevantly required to perform the day to day duties at site in BF-3 and also has to arrange suitable racks for safe custody of the PPEs, tools, tackles, measuring instruments, personal
14. GST clause - The scope of materials supply and consumables supply in the present proposal is as follows:
- a) Material supplied by VSP: Steel items like sheets, angles, channels, GI pipes, power and control cables, trailing cables, HR cables, wires, festoon trolleys, and all spares & motors etc.,
 - b) Consumables supplied by VSP: Lighting materials, cable lugs of all sizes, cable jointing kits, terminal blocks, electrical components, paint, asbestos rope/yarn, insulators, insulation tapes, welding electrodes, DA/LPG, Oxygen etc.,
 - c) Materials to be supplied by contractor: Nil
 - d) Consumables to be supplied by the contractor: Nil.
 - e) The deduction of GST shall be done as per the rules prevailing from time to time.
15. Welfare Allowance: Welfare Allowance is applicable
16. The manpower in G shift are required to work as per the situational demand beyond their normal duty hours and may have to work anywhere in the BF complex and its connected service areas like ERS,CME, ES&F,ETL etc.

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/-, 2nd or subsequent offences Rs.2000/-
For Works / Non-works.

Penalty amount: First offence Rs.1000/-, 2nd 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 Arrester 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: 1st repetition of violation Rs.12,000/-, 2nd repetition of violation onwards Rs.24,000/- - For Works / Non-Works

Penalty amount: 1st repetition of violation Rs.15,000/-, 2nd 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 3rd 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 7th of the subsequent month. if 7th 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 15th 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 7th 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 10th 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.

(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
Chief General Manager (WC)
Works Contracts Department
Visakhapatnam Steel Plant
Visakhapatnam-530 031.

Name of work : "VARIOUS ELECTRICAL REPAIRS, MAINTENANCE-MODIFICATION JOBS IN
BF-3"

RFX No. 2600007227

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

BID SECURITY DECLARATION
(In Lieu of EMD)

Tender no. / RFX No: 2600007227

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]

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.