



राष्ट्रीय इस्पात निगम लिमिटेड RASHTRIYA ISPAT NIGAM LIMITED
विशाखपट्टणम इस्पात संयंत्र VISAKHAPATNAM STEEL PLANT
(भारत सरकार का उद्यम A Govt. of India Enterprise)

W29 - H NARAYANA RAO
VISAKHAPATNAM STEEL PLANT, ,
VISAKHAPATNAM - 530031, ANDHRA PRADESH -
INDIA

CIN: U27109AP1982GOI003404

PHONE: 8500669375,

निविदा निमंत्रण सूचना (एन आई टी) NOTICE INVITING TENDER (NIT)

एन आई टी का प्रकार NIT TYPE: 2-PRT % BID E-RFX
VSP/1200/DNW(E)/2024/00138

एन आई टी संख्या व तिथि NIT NUMBER & DATE 2600008834 Dated 24.04.2024

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

1 NAME OF THE WORK:

“De-erection, shifting, replacement of HV & LV winding, repair,overhauling, erection and commissioning of 24 MVA, 33KV NGEF 'make'Furnace transformers along with associated accessories”

2 आवश्यक जानकारी KEY INFORMATION :

बिड का प्रकार Type of Bid	प्रस्तुति का प्रकार Type of Submission	बयाना जमा राशि (भारतीय मुद्रा) EMD in INR	प्रस्तुति की अंतिम तिथि व समय Submission Deadline date & time	बिड खोलने की तिथि व समय (घंटे) Bid Opening Date & time in Hours
TWO PART BID	E BID	Not Applicable	17.05.2024 15:00	18.05.2024 15:00

Contract period: 06 months

Defect Liability Period : 12 months

Engineer In charge: DGM(DNW) - PHONE NO.9000364365

Welfare Allowance : NOT APPLICABLE

Type of Contract : JOB CONTRACT

Type of Job : ONE TIME

ESTIMATION VALUE : INR 1,06,01,892.00

3 ऑफर की वैध तिथि OFFER VALIDITY DATE :

Your offer should be valid upto 17.09.2024.

4 मुद्रा CURRENCY :

INR.

5 PREQUALIFICATION (PQC) CRITERIA / ELIGIBILITY CRITERIA FOR CONSIDERATION OF TENDERS:

Single Similar Work Order Value in INR as per criteria given below this table	Annual Turnover in INR
53.00.946.00	31.80.567.60

Pre-qualification criteria (PQC) for consideration of Tender :

(a) The agency should have experience of having successfully completed at least one single similar work of the following nature of value not less than INR 53,00,946.00ps during last 7 years ending last day of previous month of the NIT date.

Single Similar Work experience:

Agency shall have executed "Repair of 33KV grade, 18 MVA or above Furnace transformer" for value of at least Rs 53,00,946.00ps in last seven (7) years.

Note : For the purpose of ascertaining the stipulation time i.e., 7 years ending previous month of the NIT date, the date of work completion of the work shall be considered, irrespective of date of issue of work order / start date of the work. Further, the total completion value shall be considered, irrespective of the period of execution of the Work.

(b) The agency should have an average annual financial turnover of INR 31,80,567.60ps during last three financial years (From FY 2021-22 to FY 2023-24) ending 31st March of previous financial year i.e., 2023-24.

Self-attested (signed with date and Business / Official seal) copies of following documents by Authorized Signatory, in proof of the above shall be submitted along with the tender in C-folder.

i) Work Orders along with corresponding work completion certificates indicating the Final value of the work done including all deviations, extra items, escalations, if any against subject work with Bill of Quantities inclusive of all taxes & duties excluding Goods & Services Tax (GST), in proof of execution of similar work with value as at 5(a) above. In case of work executed outside VSP and where the total amount includes GST, agencies shall make efforts to get the value of GST indicated separately in the Work Completion Certificate.

ii) Audited Balance Sheets & Profit & Loss accounts of the company or turnover certificates in the prescribed format available at www.vizagsteel.com----->Tenders----->Works Contracts----->Standard Documents----->Turnover Certificate for participation in tenders issued by RINL, duly certified / signed by a practicing Chartered Accountant / Cost Accountant for the years mentioned above in proof of 5(b).

6. NATURE & SCOPE OF WORK:

As per the Scope of Work

7 मद का विवरण/बीओ वू।ITEM DETAILS/BOQ :

As per detailed BOQ in Tender Schedule attached in Tech Bid C Folder.

8 निविदा कागजात की सूची LIST OF TENDER DOCUMENTS:

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

1) Tender schedule containing NIT, Scope of Work, Terms & Conditions, Bill of Quantities, Annexure-A, Questionnaire, Integrity Pact, Special Conditions of Contract, Undertaking letter, Bid Security Declaration.

2) Undertaking Letter format.

3) Bid Security Declaration format.

4) Questionnaire

5) Integrity pact

9 E-RFX SUBMISSION PROCEDURE - 2 PART:

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

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

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

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

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

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

10 E-RFX OPENING PROCEDURE - 2 PART:

E-RFx Responses are opened in the system Electronically.

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

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

11 DOCUMENTS TO BE UPLOADED IN TECH BID C FOLDER:

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

The agency can submit the following:

- A) Bid Security Declaration as per Annexure attached is to be submitted
- OR
- B) UDYAM Registration Certificate issued 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.

The files uploaded in Tech_bid folder as current version only will be considered for evaluation

- C) Signed Undertaking letter on the agency's letter head in the format given in the tender schedule

- D) PQC related Statutory Documents to be submitted, wherever required

- i) Electrical License (For Electrical contracts) as mentioned at para-5 above
- 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

E) Agencies Copy of registration letter issued by V.S.P. in case of registered agencies and in case of non-registered agencies, either a copy of Notarized Sole Proprietorship Affidavit OR a copy of Notarized Partnership Deed along with Firm Registration Certificate OR a copy of Memorandum of Association & Articles of Association along with certificate of incorporation – whichever is applicable.

Note : if the Partnership Firm is re-constituted, the latest Notarized Re-constituted Partnership Deed along with Firm Registration Certificate of the re-constituted firm along with the original Notarized Partnership Deed is to be submitted.

F) For Turnover Audited Profit & Loss Account statements & balance sheets certified by Practicing Chartered Accountant with Stamp and Membership No. & Unique Document Identification Number (UDIN) in case the annual Turn-over is more than Rs.100.00 Lakhs (OR) in case of Turn-Over being less than Rs.100.00 lakhs either Turn-over certificate in the prescribed format of VSP duly signed by a practicing Chartered Accountant/Cost Accountant with Stamp and Membership No. & UDIN (OR) T.D.S. certificate(s) comprising of the Gross bill values issued by the Deductor(s) for the work done.

G) Work Order(s) and Work Completion Certificate(s) / Work-in-progress certificate(s) as indicated at Clause-5 above.

H) INTEGRITY PACT: (Applicable for estimate value of one crore and above)

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

(ii) The details of External Independent Monitors (EIMs) and Nodal Officer of RINL are placed to VSP website (www.vizagsteel.com) at Tenders->Works Contracts->General Instructions->Click here 'to Read Integrity Pact' / to Give Vigilance Complaints' ->Integrity Pact VSP

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

Note : (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 PF Registration Certificate before commencement of the work.

Documents mentioned at 11(E) to 11(G) are applicable for Open Tenders /LTE cases only

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 SRM LIVE AUCTION PLATFORM. All technically and commercially acceptable bidders would be required to participate in the reverse e-auction and quote from the start Price.

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

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

(a) AUCTION TIME EXTENSION:

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

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

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

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Remaining Time Trigger = X

Extension Period = Y

Number of Extensions = N

The Auction time extension is explained below with an example.

Example: Reverse Auction conducted with Auction parameters as:

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

The current Auction End time being 12:00 and in case a bid is submitted by any bidder after 11:56 AM. (in the 'Remaining Time Trigger' i.e., in the last 4 minutes) of the auction, the auction end time gets extended up to 12:05 PM (12:00 plus 5 Min.). Hence the new end time of the Auction is 12:05 PM. However, In case a bid is submitted prior to 11:56 i.e., before the 'Remaining time trigger', Auction shall not get extended and the same gets closed at 12:00.

Further, during the Auto extension period of the Auction, if a bid is submitted by any bidder after 12:01 PM. (in the last 4 minutes) of the auction the auction end time gets extended up to 12:10 PM. (12:05 plus 5Minutes). In case the bid is submitted by any bidder from 12:00 to 12:01 PM, auction end time will not get extended because it is not within the period of REMAINING TIME TRIGGER of 4 minutes and Auction end time shall be 12:05.

Important Note :

Bidders have to ensure continuous internet connection during the live auction. If the bidders' internet connection gets disturbed, the details in the auction window will not get refreshed upon fresh bids in the auction. Bidders cannot see the latest bids submitted in the auction after the disconnection. If a bidder's Rank is 1 for any item, it will continue to remain as 1 in their screen even if other bids are submitted in the auction if internet connection is not proper/disturbed. Even the time remaining will continue to reduce. It is the responsibility of the bidder to maintain the uninterrupted internet connection during live auction. Since auto refresh is not possible during disconnection, click F5 button in your keyboard to refresh the auction screen. If proper internet connection exists Bidder's screen gets refreshed else if there is any connection problem

Bidder will get error screen/message upon pressing F5. If Bidder gets error screen, bidder should login again and come back to Auction cockpit after restoring proper internet connection to view the latest status in the auction cockpit. It is advisable to click on F5 frequently and every 20 seconds during extension time to manually refresh the live-auction cockpit screen. RINL does not accept any responsibility for issues related to non-participation due to internet connection problems at vendor's end.

14 GENERAL INSTRUCTIONS:

1) The documents submitted by the tenderers in respect of pre-qualification evaluation criteria are final and no further correspondence / clarifications / submissions in this regard shall be entertained.

2) Scope of work, Bill of Quantities (BOQ), Terms and Conditions, given in the tender documents(placed in the cFolder Publisher area) is final. On verification, at any time, whether the tenderer is successful or not, if any of the documents submitted by the tenderer including the documents downloaded from our website are found tampered /altered/ incomplete, they are liable for actions like rejection of the tender, cancellation and termination of the contract, debarring etc., as per the rules of the company.

3) It will be presumed that the tenderers have gone through the General Conditions, Special Conditions and Instructions to tenderer etc., of the contract available in the website which shall be binding on him / them.

4) The tenderer shall download the NIT documents etc (TENDER SCHEDULE) available in Tech RFx cFolder Publisher Area on the RINLs SRM Portal in totality and upload the same along with the Undertaking letter in Tech RFx cFolder.

5) The bidder shall be governed by the General Conditions of Contract of Supply which is available on VSPs website which can be freely accessed and downloaded.

6) Tenders submitted against the NIT / Tender shall not be returned in case the tender opening date is extended / postponed. Tenderers desirous to modify their offer / terms may submit their revised / supplementary offer(s) within the extended TOD.

7) 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.

8) 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. The contracting agency in such cases shall make good to VSP any loss or damage resulting from such termination. Contracts in operation anywhere in VSP will also be terminated with attendant fall outs like forfeiture Security Deposit, if any, and recovery of risk and cost charges etc., Decision of V.S.P Management will be final and binding.

9) The date of opening of the PQC and Tech RFx response shall be the date of tender opening.

10) 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.

11) 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.

12) 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)

13) 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

14) Bidders are required to check for any Corrigendum(s) issued till the bid submission date and time in www.vizagsteel.com or www.eprocure.gov.in

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

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H NARAYANA RAO

1 INSTRUCTIONS TO TENDERERS:

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

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

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

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

Evaluation criteria:

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

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

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

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

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

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

2 EXEMPTIONS / PREFERENCES FOR MSES:

1) EXEMPTIONS / PREFERENCES FOR MICRO AND SMALL ENTERPRISES:

1.1 Micro and Small Enterprises (MSEs) registered under Udyam Registration 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 Udyam Registration for goods & Services (irrespective of relevance of product category with tendered items) as on the Tender Opening Date (TOD).

Above benefits in terms of exemptions / preferences to MSEs shall not be applicable for the following:-

(i) Traders / Distributors / Sole Agent/ Joint Ventures / Consortium.

(ii) Works of "Works Contract" in nature.

Composite contracts, which includes not only supply and / or services but also various other activities and obligations under the contract shall be treated as 'Works Contract'.

1.2 Exemptions : MSE(s) shall be provided exemption from submission of Cost of Tender Documents (CTD) / Tender Processing Fee and Earnest Money Deposit (EMD).

Tender documents shall be downloaded by the tenderer from the websites notified by the company (such as www.vizagsteel.com, www.eprocure.gov.in)

1.3 Purchase Preference: MSE(s) shall be provided Purchase Preference as per the following:

- a) MSEs quoting price within the band of L1+15% shall also be allowed to supply a portion of requirement by bringing down their price to L1 price in a situation where L1 price is from someone other than an MSE and such MSEs shall be allowed to supply up to 25% of total tendered value.
- b) In case of more than one such MSE, the supply shall be shared proportionately (to tendered quantity)

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

- i) MSE(s) owned by SC and ST entrepreneurs till the value of package(s) considered for award to MSE(s) (including the L1 tenderer, if MSE owned by SC and ST entrepreneurs) equals or exceeds 4% of the total value of work.
- ii) MSE(s) owned by women till the value of package(s) considered for award to MSE(s) (including the L1 tenderer, if MSE owned by women) equals or exceeds 3% of the total value of work.
- iii) Other MSE(s) eligible for Purchase Preference till the value of package(s) considered for award to MSEs (including the L1 tenderer, if MSE) equals or exceeds 25% of the total value of work.

The MSEs desirous of getting preference as per the above clauses (SC and ST owned MSEs or Women owned MSEs) are required to submit the proof of the same along with the tender documents.

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

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

SCOPE OF WORK

PR No / Date: 73009770 / 15.04.2024

Name of the work: De-erection, Shifting, Replacement of HV & LV winding, Repair, Overhauling, Erection & Commissioning of 24 MVA, 33 KV NGEF make Furnace transformer along with the associated accessories.

Background: - The subject transformer is used in Laddle Furnace of Steel Melting Shop-1 of Vishakhapatnam Steel Plant, Vishakhapatnam. The transformer failed while in service. The transformer is required to be repaired and upgraded for satisfactory performance & operation as per following Scope of Work and other terms & conditions. The name plate of the Furnace transformer is enclosed as annexure- A.

The list of activities applicable for the above work is furnished below, for guidance of the agency. However, the agency is advised to visit the site, understand the scope of work required to be carried out to successfully complete the job.

The major activities to be carried out are as mentioned below.

- A. De-erection of 24 MVA, 33 KV NGEF make Furnace transformer and make it ready for transportation.
- B. Shifting of 24 MVA, 33 KV NGEF make Furnace transformer from SMS-1 of VSP to the repair bay of the agency.
- C. Replacement of HV & LV winding, repair, of the Furnace transformer and overhauling of associated accessories of 24 MVA, 33 KV NGEF make Furnace transformer.
- D. Shifting of 24 MVA, 33 KV NGEF make Furnace transformer from repair bay of the agency to SMS-1 of VSP.
- E. Erection and commissioning of the 24 MVA, 33 KV NGEF make Furnace transformer at SMS-1 of VSP.
- F. Supply of core lamination for 24 MVA, 33 KV NGEF make Furnace transformer, if required.

The scope of work of each BOQ item is as follows:-

1. BOQ Item No. 1:- De-erection of 24 MVA, 33 KV NGEF make Furnace transformer and make it ready for transportation. This includes following major activities:-

- 1.1 The transformer is located in a room at around + 10 meter height with extended provision of channel for shifting of the transformer from room to the open space from where the transformer can be lifted.
- 1.2 Dismantling of iron wire mesh door for removal of the transformer from the transformer room and fixing it back in place after removal of the transformer is in the scope of the agency.
- 1.3 Draining out of residual Transformer oil from the transformer, disconnection of HV & LV connections & dismantling of all bushings, conservator, valves, piping, peripherals, etc., blanking of all openings, main tank etc. with suitable dummy plates. Preparations of necessary dummy plates are in the scope of the agency. Removed oil will be stored in drums provided by VSP and marked with paint as per instructions of Engineer.
- 1.4 Electrical connections between accessories and Marshalling box and OLTC

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control box shall be disconnected with proper marking. Loose cable ends shall be tied/ clamped to the transformer body.

- 1.5 HV Bushings shall be removed and the tank shall be blanked with blanking plates using new gasket. HV Bushings shall be properly packed and transported along with the transformer.
 - 1.6 Heat Exchangers, oil pumps and connecting pipes shall be removed and blanking plates shall be fixed on outside flange of butterfly valves.
 - 1.7 Conservator Tank shall be removed along with Buchholz relay and connecting pipe with suitable blanking.
 - 1.8 Marshalling Box and OLTC control box shall be transported along with the transformer.
 - 1.9 All components to be marked properly so that the parts can be fitted properly during installation after repairing.
 - 1.10 The transformer accessories to be transported are to be properly packed to avoid damage during the transportation.
 - 1.11 The transformer in the above mentioned packed condition shall be sealed (as far as practicable) and a complete packing list shall be jointly prepared.
 - 1.12 Above mentioned activities shall be done under supervision of the agency representative at VSP site. All packaging material shall be arranged by Party.
 - 1.13 The agency shall arrange an experienced site engineer and all necessary manpower for transformer dismantling, welding / gas cutting works or any other works required for successful completion of this job. The safety of the manpower deployed should be strictly taken care by the agency.
 - 1.14 Necessary tools, tackles, temporary lighting, supply switches, gaskets, oil seals, consumables, Transformer oil filter machine / vacuum pump, instruments, welding machine and any other necessary machinery and necessary special tools and tackles etc. are to be arranged by the agency for successful completion of this work.
 - 1.15 Necessary hardware like nuts & bolts along with washers (plane & spring), studs, etc. shall be arranged by the agency.
 - 1.16 Necessary steel sheets for dummy preparation, Oxygen and LPG for welding and cutting and empty oil drums/ containers shall be arranged by VSP free of cost.
 - 1.17 The watch and ward of the equipment during this work is the responsibility of the agency.
 - 1.18 Any job necessary for successful completion of this work though it is not specified above is also included in the scope of work.
- 2. BOQ Item no 2:- Shifting of 24 MVA, 33 KV NGEF make Furnace transformer from SMS-1 of VSP to the repair bay of the agency OR from the repair bay of the agency to SMS-1 of VSP.**
- 2.1 The transformer is located in a room at around + 10 meter height with extended provision of channel for shifting of the transformer from room to the open space from where the transformer can be lifted.
 - 2.2 Shifting of 24 MVA, 33 KV NGEF make Furnace transformer from its present location on rail arrangement up to the open space for lifting of the transformer and

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- shifting of the transformer from the open space to the original position of the transformer after its repair is in the scope of the agency.
- 2.3 The successful bidder has to transport the transformer from VSP premises to his works and transport back to VSP after repair. VSP shall provide EOT crane (50 Tons, SWL capacity) for loading and unloading of the transformer at VSP premises free of cost.
 - 2.4 The agency has to arrange for suitable “Hydraulic Multi Axle Modular trailer with automotive puller” of 52 tons capacity or above for shifting of the transformer from VSP to the repair site of the agency and bringing the transformer back to VSP after repair.
 - 2.5 Placement of “Hydraulic Multi Axle Modular trailer with automotive puller” at SMS shop by the agency may be done one day prior to planned loading of the transformer.
 - 2.6 The Transformer and accessories shall be loaded on Hydraulic Multi Axle Modular trailer with automotive puller at SMS shop keeping the Centre of Gravity of the main tank in balance position, so that any possibility of slipping, overturning can be ruled out. Necessary bracing/ holding chain etc. shall be arranged by the agency. Necessary protection for the protruding / sensitive parts shall be provided as required.
 - 2.7 The transformer accessories required for repair & testing of the transformer are to be transported with proper packing to avoid damage during transport and are in the scope of the agency.
 - 2.8 After completion commercial formalities, the transformer shall be handed over to the Party/ Transporter deputed by the Party.
 - 2.9 Transportation of the transformer and its accessories to Party’s works.
 - 2.10 Unloading of the transformer at Party’s work.
 - 2.11 The necessary Transit Insurance coverage for transportation of the transformer & its accessories from VSP to the party’s works and back to the VSP after repair shall be arranged by the party.
 - 2.12 Safe & secure transit of the transformer shall be the responsibility of the party. Damage, if any occurred to the transformer and its accessories during such transportation and handling; the same shall be again repaired /rectified by the agency free of any cost.
 - 2.13 The transformer to be tied securely to the trailer after loading to undertake smooth shifting and shift the transformer to required location.
 - 2.14 Wooden sleepers and any other item required, to successfully complete the job should be arranged by the agency at their own cost.
 - 2.15 Suitable capacity “Hydraulic Multi Axle Modular trailer with automotive puller” with necessary permits/documents shall be arranged by the agency at their own cost.
 - 2.16 All other necessary arrangements required to complete the job safely and successfully shall be in the scope of the agency and shall be arranged by the agency like dragging arrangements, slings, “D” shackles, manpower, consumables Etc. and all statutory requirements are to be fulfilled.
 - 2.17 All the works necessary to clear & level the area for placement and movement of Hydraulic Multi Axle Modular trailer with automotive puller, to be undertaken as

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per instruction of the engineer and is in the scope of agency.

- 2.18 All necessary Tools &Tackles, transportation of hydraulic jacks from stores to site and back, skilled labour, wire ropes, Max Pull ,slings, hydra cranes, loader, transport etc should be arranged by the agency at their own cost.
- 2.19 Any work necessary to complete the subject work safely and successfully and not mentioned above is also in the scope of the agency.
3. **BOQ Item No. 3 :- Replacement of HV & LV winding, repair, overhauling of the Furnace transformer along with the associated accessories and subsequent erection and commissioning of 24 MVA, 33 KV NGEF make Furnace transformer**
 - 3.1 Dismantling of Transformer Active part
 - a. Opening the transformer at party's works / workshop.
 - b. Disconnection of HV and LV connection and tap selector connections. (CT Secondary, CT for Winding Temperature measurement)
 - c. Removal of top cover.
 - d. Un-tanking of core coil assembly.
 - e. Removal of top yoke core laminations.
 - f. Dismantling of all the windings of transformer.
 - g. Thorough visual inspection and requisite testing of cores for assessment for damage jointly by VSP and the agency.
 - 3.2 Preparation of new windings for the transformer
 - a. Complete rewinding of all windings of the transformer.
 - b. For new winding, material shall be electrolytic grade work hardened copper of high proof stress with more numbers of radial supports.
 - c. QAP including source & quality of material to be used is to be submitted to VSP .
 - d. Permanent current carrying joints in winding and leads shall be brazed /crimped with proper quality control. .
 - e. Processing of all the windings in VPD before assembly.
 - f. Assembly of the winding with new winding cylinders and new assembly insulation.
 - g. Yoke filling & connection to be carried out. After assembly each core shall be pressure tested for one minute at 2kV rms between all bolts, side plates, structural steel works and core.
 - h. Processing of the core coil assembly in VPD (Vapour Phase Drying) is mandatory.
 - i. Necessary quality documentation shall be shown to VSP during final inspection.
 - j. The old winding will be retained by the party.
 - 3.3 Overhauling / Repair of tap selector and diverter switch.
 - a. Complete overhauling/Replacement of On-Load-Tap-Changer (OLTC), i.e., Tap-Selector with diverter switch and electrical motorized/manual drive unit with electrics and controls is in the scope of work of agency.
 - b. Supply and replacement of OLTC diverter switch tank O rings.

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- 3.4 Following measures are to be taken at manufacturing stage to take care of Electromagnetic forces during short circuit
- High strength material for coil clamping ring & coil clamping screw.
 - Adequate radial blocks & axial spacers.
 - Adequate coil clamping pressure.
 - Measures for damping of oscillations generated during switching.
 - Inter-turn and inter coil insulation shall be designed such that dielectric stress is uniformly distributed throughout the windings under all operating conditions.
- 3.5 Replacement of transformer core laminations
- Part of the cores laminations of the transformer are to be replaced if they are found damaged during inspection by the core inspection committee of VSP. If any part of core laminations needs to be replaced it will be done as per BOQ no. 04. The quantity mentioned in the BOQ is tentative. Actual quantity will be arrived after due inspection.
- 3.6 Repair and maintenance of main tank and accessories.
- LV side of the transformer tank has been damaged and deformed (bulged & cracked).
 - The defective portion of the transformer tank has to be repaired/replaced so as to bring it to the original shape of the transformer.
 - After repair/replacement the required pressure testing and weld joint testing needs to be carried out by the agency and the readings and records are to be submitted to VSP.
 - No overall dimensional deviation is allowed during the repair process as well as after the repair is completed.
 - Party has to visit VSP site and understand the actual extent of damage and the repair required.
 - Cleaning of the tank thoroughly and painting of inside and outside of the tank to be done with new paint.
 - Carry out all final checks prior to re-tanking the core coil assembly.
- 3.7 Repair, maintenance, overhauling / replacement of accessories
- Overhauling/replacement and testing of gas operated relay(Buchholz relay).
 - Overhauling/replacement and testing of OLTC surge relay.
 - Maintenance/ Overhauling of heat exchangers.
 - Maintenance of oil pumps.
 - Maintenance of butterfly valves.
 - Supply and installation of new oil flow gauges.
 - Supply and installation of differential pressure switch (DPS) in both heat exchangers.
 - Supply and installation of water level container along with water level sensor for both heat exchangers.
 - Testing of CTs.
 - Dismantling of LT bushings of all three phases and replacement of gasket/o-ring/insulators.

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- k. Supply of new HT bushings with matching dimension and specification of the existing bushings.
 - l. Supply and replacement of OTI and WTI along with probe and capillary.
 - m. Supply and replacement of silicagel breathers.
 - n. Supply and replacement of Transformer oil tank MOG and OLTC oil tank MOG.
 - o. Maintenance/repair of LT water cooling system inside the transformer.
 - p. All materials required for this repair job are in the scope of the agency. No materials in this regard will be supplied by VSP.
 - q. All the materials included in the scope of work shall be procured from reputed manufacturers who are regularly supplying the same to the transformer manufacturer. The supplied items should be of best quality, in new condition as per specification of relevant/latest Indian Standard.
- 3.8 Tanking of core-coil assembly and fixing all part
- a. Placement of core coil assembly back inside tank.
 - b. Replacement of all gaskets and O-rings with new ones after thorough cleaning of the surfaces. The scope includes gaskets for fitting accessories like pipe joints, valves, pumps, Buchholz relay etc. in addition to the gaskets required for tank cover and inspection windows.
 - c. Erection of new HT and LT bushings with new gasket/o-rings.
- 3.9 Filling of oil
- a. Supply of new transformer oil as per IS 335:2018 is in the scope of the agency.
 - b. The main tank and OLTC diverter tank of the transformer shall be filled up to conservator level with new filtered and tested transformer oil as per the latest Indian standards.
 - c. Oil test report is to be submitted to VSP before taking up the filling of the oil into the transformer.
 - d. Transformer tank shall be tested for leaks with normal head of oil plus 35KN/m² for 12hours. If any leak is found the same shall be rectified and the test is to be conducted again after arresting the leakage.
- 3.10 Testing
- a. Positioning the transformer on test bed and performing all routine tests on the transformer as per IEC- 60076 / IS-2026 applicable to a repaired transformer. The following minimum tests shall be carried out in NABL Accredited Lab
 - i. Measurement of magnetizing current in low voltage.
 - ii. Magnetic balance test.
 - iii. Measurement of voltage ratio.
 - iv. Check of polarity and phase displacement.
 - v. Measurement of insulation resistance and PI value.
 - vi. Measurement of winding resistance.
 - vii. Measurement of no-load loss and no-load current.
 - viii. Measurement of impedance voltage/short circuit impedance & load loss. The Impedance value to be engraved on the Name plate.
 - ix. Separate source AC withstand voltage test.
 - x. Induced AC overvoltage test with partial discharge measurement.
 - xi. Determination of capacitance & dissipation factor between winding to earth and

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- between windings.
 - xii. Oil BDV test, DGA test before and after short circuit test.
 - xiii. Lightning impulse test.
 - xiv. Dielectric Tests as specified in IS 2026: 2009/IEC.
 - xv. No load loss & excitation current measurement post dielectric test.
 - xvi. SFRA (Sweep Frequency Response Analysis) to be done. The test to be repeated at site at VSP at the time of commissioning.
 - xvii. Acoustic Noise level test.
 - xviii. All components, parts and auxiliary equipment such as Bushings, C.Ts shall be routine tested as per relevant IS.
 - xix. Any other test required for complete testing of the transformer.
- b. If the transformer test results are satisfactory, the transformer shall be made ready for dispatch. However if some of the test results are not satisfactory, appropriate remedial measures shall be taken by the party in consultation with VSP.
- c. The dispatch clearance of the transformer shall be given in writing by VSP only after obtaining satisfactory test results of the above tests.
- d. The agency shall furnish all necessary test certificates and Guarantee Certificate along with the delivery of the repaired transformer.

3.11 Erection & commissioning of the repaired Transformer at VSP.

- a. Dismantling of iron wire mesh door for Placement of the transformer in to the transformer room and fixing it back in place after placement of the transformer in its original position after repair is in the scope of the agency
- b. After repair the transformer shall be brought to the site by the agency and shall be placed on the rail arrangement at + 10 meter height, and shall be pulled to the original position of the transformer.
- c. Fixing the transformer with base.
- d. Blanking plates shall be removed.
- e. HV Bushings shall be fixed.
- f. Transportation of HT and LT bus bars from storage place in VSP to the transformer room.
- g. HV connection to be made after fixing HV bushing.
- h. LT bus bars to be fitted with the mast for water cooled cable connection.
- i. Heat Exchangers, oil pumps and connecting pipes shall be fixed.
- j. Conservator tank shall be fixed and oil to be filled in the conservator tank. Required filtered oil shall be transported to VSP along with the repaired transformer.
- k. Fixing of balance Accessories.
- l. Re-connection of electrical / control cable between accessories, marshalling box and OLTC control box as per original plan/drawing.
- m. Topping up oil in conservator tank.
- n. All Low Voltage Electrical Testing shall be carried out .

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- o. Analysis of test reports and clearing the transformer for energization.
- p. The services of commissioning engineer for complete checking of materials at site, advising procedure of erection, supervision of erection, Testing, Commissioning and putting the equipment into successful commercial operation is included in the scope of work and shall be free of any charges.
- q. The agency shall arrange an experienced site engineer and all necessary skilled manpower for erection, welding / gas cutting works, testing activities etc. required for successful erection and commissioning. The safety of the manpower deployed should be strictly taken care of by the agency.
- r. Necessary tools, tackles, temporary lighting, supply switches, gaskets, oil seals, consumables, instruments, etc. are to be arranged by the agency for successful completion of the commissioning work.
- s. The agency shall provide necessary manual assistance for conducting testing of transformer during commissioning. These testing will be carried out by VSP personnel with testing instruments available with VSP.
- t. The watch and ward of the equipment during erection and commissioning is the responsibility of the agency.
- u. Any job necessary for successful completion of the job though it is not included above is also included in the scope of work.

4. BOQ Item No. 4:- Supply of core lamination for 24 MVA, 33 KV NGEF make Furnace transformer.

The job is supply of core lamination for 24 MVA, 33 KV NGEF make Furnace transformer as mentioned below:-

- 4.1 Supply of new core lamination material for replacement of damaged core and yoke lamination.
- 4.2 The new core of the transformer to be supplied should be manufactured from superior grade low loss high permeability CRGO silicon steel laminations of dimensions as per the upgraded design of the manufacturer. Laminations shall be annealed in a non-oxidizing atmosphere to relieve stresses and restore the original magnetic property of CRGO sheets after cutting and punching operation. Complete processing, providing insulation varnish & making it ready for final assembly is in the scope of the manufacturer. The core shall be assembled and placed inside the transformer tank along with the winding. The transformer core shall be designed & manufactured in such a way that the rated efficiency & performance of the transformer is ensured.
- 4.3 The agency should submit documents for prime CRGO i.e. Bill of Landing, Packing List, and Mills Test Certificate. Bidders shall have In-House core cutting Plant to avoid mixing of prime CRGO with seconds or core cutting shall be done by dedicated sub supplier under the supervision of Bidder followed by joint Inspection by purchaser if required.
- 4.4 The quantity mentioned in the BOQ is tentative. However, actual quantity to be supplied for the replacement will be arrived after due inspection as per terms & conditions.
- 4.5 The old, damaged core laminations will be retained by the agency.

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1. The agency should visit the work site and get him acquainted with the nature and extent of job involved before submitting the tender. This specification does not cover actual working condition at site. It has to be physically observed and assessed. Failure to do so will not absolve the party of his responsibilities about proper execution of the job. No claim for extra payment will be considered after acceptance of the tender due to any special site condition.
2. Any job that is not mentioned explicitly in the scope of work but needed to be carried out for ensuring satisfactory performance of the repaired transformer, is to be done by the party without adding any extra cost.
3. The job shall be carried out as per relevant Standards and practices. The workmanship shall be same as that of a new transformer. The repair job shall be done in such a way that the performance & efficiency of the repaired transformer attains the same as that of a new transformer.
4. All skilled and unskilled manpower, supervisors and engineers required for carrying out the entire job shall be arranged and provided by the agency.
5. The entire job is to be carried out in such a way that no damage is done to the Transformer and its accessories and to any of the existing installation of VSP. If any such damage is caused by the agency the same is to be repaired / replaced by the party free of cost. The decision of Engineer-in- charge in this regard will be treated as final.
- 6. Safety Precautions**
 - 6.1 The agency must adhere to all safety rules & regulations as prevailing in VSP.
 - 6.2 The agency must arrange all necessary safety appliances like Hand gloves, Safety helmet, and Safety shoes, etc. required by the workmen and also ensure their usage by all workmen working at the site.
 - 6.3 Since the job requires shifting & placing of heavy components, all necessary safety precautions for heavy material handling must be taken.
 - 6.4 Necessary clearances to be taken from the Engineer-in- charge before starting the job and all jobs to be done under the supervision of a competent supervisor.
 - 6.5 Safety precautions to be taken during to & fro transportation of the transformer to avoid any tilting and falling of the transformer from trailer bed.
 - 6.6 The Transformer shall be transported on "Hydraulic Multi Axle Modular trailer with automotive puller" in such a way that the height of the Transformer mounted on the trailer should be well within the height and weight limit of the road.
 - 6.7 The agency shall abide by and adhere to all necessary and applicable safety rules, statutory clearances and other pertaining laws as prevailing and enforced time to time by different Government agencies regarding such transportation job.
7. All the heavy equipment, machinery, Tools & Tackles required for job has to be provided by the agency.
8. The tenderers are advised to inspect the damaged transformer before quoting. All taxes as applicable shall be included in the quoted rate, excluding GST. GST will be paid as per existing rules at that time after submission of respective invoice and the challan.
9. Damaged coils and other scrap materials will not be taken back by VSP. The parties should quote taking this aspect into consideration.

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10. **GST clause:-** The scope of materials supply and consumables supply in the present proposal are as follows :-

- a) Materials to be supplied by VSP - Nil.
- b) Consumables to be supplied by VSP - Nil
- c) Materials to be supplied by Contractor - Transformer oil, Windings, etc. as per scope of work.
- d) Consumables to be supplied by Contractor: - Gaskets, Oil seals, bracings, insulating paper, insulating blocks, metal primer and necessary paints etc. as required for completing the job as per scope of work.

The deduction of GST shall be done as per rules prevailing from time to time.

11. The successful bidder has to transport the transformer from VSP premises to his works and transport the transformer back to VSP after repair. However VSP shall provide crane for loading and unloading of the transformer at VSP premises free of cost.

12. **Transit Insurance :-** The successful bidder shall obtain and submit to the Engineer in charge a comprehensive Transit insurance for value of the contract covering all risks from the date of taking the delivery from VSP site to the date of unloading at VSP site and the beneficiary of the insurance shall be RINL, Visakhapatnam Steel Plant.

13. The contract period for the said work is 06 months from the date of work order.

14. **PERFORMANCE GUARANTEE:** The party shall guarantee trouble free satisfactory performance and operation of the repaired transformer for a period of 12 months from the date of commissioning of the repaired transformer at VSP. Any material and workmanship defect noticed during such period the same shall be replaced /rectified by the party free of all charges immediately.

15. The final bill shall be cleared only after completion of the performance guarantee period. However, Running Account bill may be processed as per existing guidelines and procedure.

16. **Bank Guarantee:** - The successful bidder has to submit bank guarantee for one crore rupees before taking delivery of the transformer for repair which will be returned to him after expiry of the performance guarantee period. The BG validity period shall be the contract period + performance guarantee period + claim period of 6 months. Salient points of the BG are as follows.

- a. Stamp paper should be obtained in the name of Bank issuing the BG.
- b. The Original BG received should be as per approved format of VSP from issuing bank along with SFMS message in sealed cover. The format of VSP for the BG is also enclosed.
- c. Scanned copy of Signed Original BG should be received from Issuing Bank E-mail.
- d. BG should contain the clause for Enforceability of the same at Visakhapatnam.
- e. The name, designation & code number of the officers signing the BG should be mentioned against the signatures of respective officers.

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17. **Indemnity bond:-** The successful bidder also has to furnish an indemnity bond in VSP's Performa before taking delivery of the transformer.
18. After receipt of the bank guarantee, indemnity bond and comprehensive transit insurance, the transformer shall be issued to the successful bidder for shifting to their works for repair.
19. The successful bidder shall give a time schedule of repair work and inspection schedule to the Engineer- in-charge. The party shall submit a bar chart with detail planning showing all the activities for the subject repair job soon after receipt of the work order.
20. The agency has to make their own arrangements for all facilities for their team like lodging, boarding and transportation to site and back, etc., for their personnel during the work being executed within VSP premises.
21. Necessary hardware like nuts & bolts along with washers (plane & spring), studs, etc. shall be arranged by the agency.
22. Welfare Allowance: Welfare allowance is not applicable.
23. Labour escalation is not applicable as the period of contract is only 06 months and the major part of work is being executed at the agency's premises.
24. **INSPECTION :** There shall be three stage inspection by VSP at agency's works:
 - 24.1 STAGE-I: After the transformer is received at agency's works and active part is dismantled, the transformer shall be jointly inspected to assess the damage and to finalize the extent of repair. During stage-1 joint inspection at agency's works, the core and windings of the transformer will be jointly inspected by inspection team of VSP and agency's representative for assessment of any damage of the core. Based on the outcome of inspection quantity of core laminations required to be replaced will be decided.
 - 24.2 STAGE-II: Stage-II inspection shall be done after completion of making of new windings before assembling the core coil assembly.
 - 24.3 STAGE-III: Stage –III inspection shall be done during the final testing of the transformer. After witnessing the tests, dispatch clearance shall be given by VSP.

The agency must give 15 day's advance notice before inspection of each stage

25. Penalty clause:-

Sl No	Service Conditions	Penalty to be levied
1	Delivery of transformer after completing repair work shall be done within 05 Months from the date of issue of transformer from VSP Site.	Rs. 1000.00 per week for delay in delivery of transformer.



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

BILL OF QUANTITIES / PRICE SCHEDULE

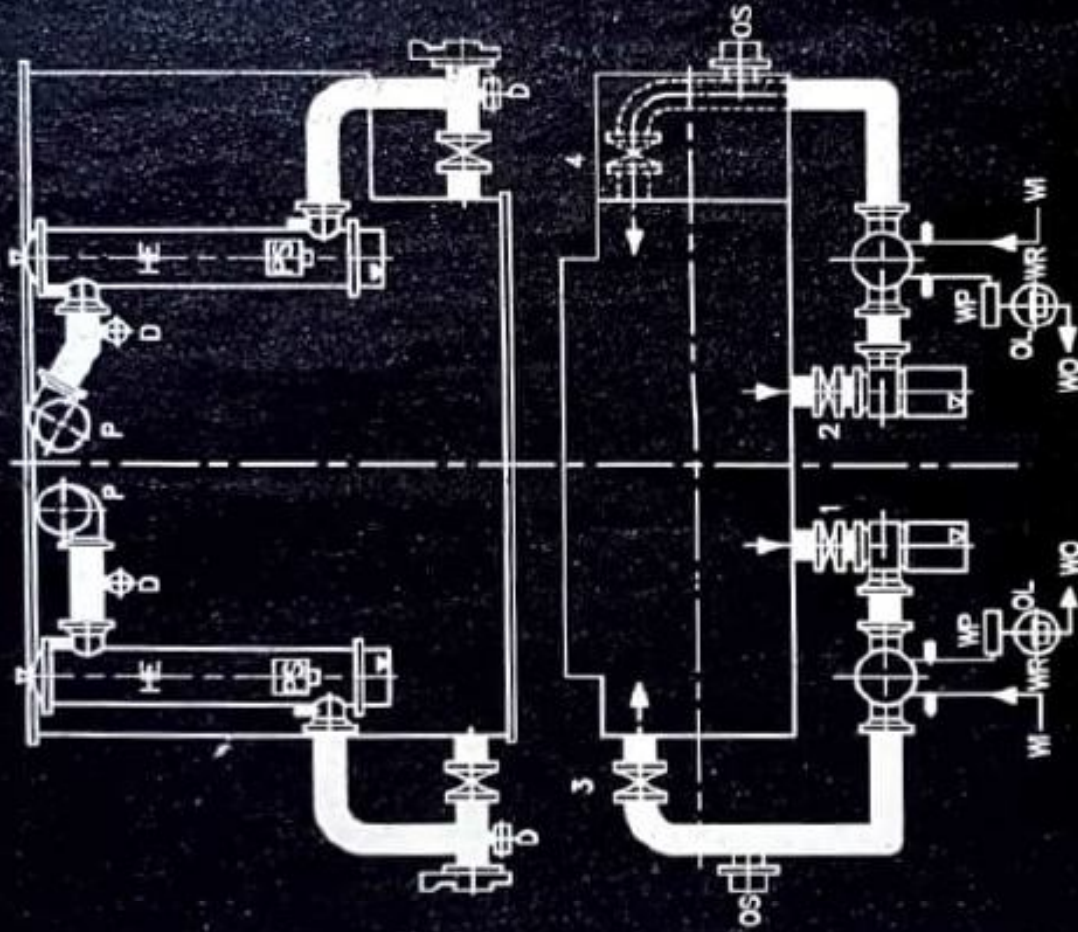
PR No / Date: 73009770 / 15.04.2024	Report Date : 16.04.2024
Pur . Org.: WORKS CONTRACTS	
MSS: 6940723005 : DE-ERECTION, SHIFTING, REPLACEMENT OF HV	
De-erection, Shifting, Replacement of HV & LV winding, Repair, Overhauling, Erection & Commissioning of 24 MVA, 33kV NGEF make Furnace transformer along with the associated accessories	

The BOQ Items are taken as per the following Rates.						
	Central Rates	VSP Rates				
Skilled	832.000	1,141.200				
Semi Skilled	709.000	1,081.100				
Unskilled	628.000	969.600				
Sl.No	Service Number	Description of the item	Qty	UOM	Rate	Amount
1	410006174	De-erection of 24 MVA, 33 KV NGEF make Furnace transformer and make it ready for transportation as per scope of work.	1.000	NO	900,000.00	900,000.00
2	410006175	Shifting of 24 MVA, 33 KV NGEF make Furnace transformer from SMS-1 of VSP to the repair bay of the agency OR from the repair bay of the agency to SMS-1 of VSP. as per scope of work.	2.000	NO	540,000.00	1,080,000.00
3	410006176	Replacement of HV & LV winding, repair, overhauling of the Furnace transformer along with the associated accessories and subsequent erection and commissioning of 24 MVA, 33 KV NGEF make Furnace transformer as per scope of work	1.000	NO	8,045,892.00	8,045,892.00
4	410006177	Supply of core lamination for 24 MVA, 33 KV NGEF make Furnace transformer as per scope of work.	2,000.000	KG	288.00	576,000.00
Total Value: In words : one crore six lakh one thousand eight hundred ninety two rupees						10,601,892.00

Signature of the Tendere

NGEF

COOLING DIAGRAM



MR-WATER FLOW MONITORING RELAY	WP-WATER OVERFLOW PIPE
DE-AERATION VALVE	P-OIL CIRCULATING PUMP
OS-OIL LEAKAGE INDICATOR	OS-OIL FLOW SWITCH
HE-HEAT EXCHANGER	OL-OIL LEAKAGE INDICATOR
PS-DIFF.PRESSURE SWITCH	WI-WATER INLET
WO-WATER OUTLET	
VOLUME OF WATER CIRCULATING IN HEAT EXCHANGER.	35 m ³ /h
VOLUME OF OIL CIRCULATING IN HEAT EXCHANGER	116 m ³ /h
MAXIMUM TEMPERATURE OF CIRCULATING WATER AT INLET.	35°C
ONE HEAT EXCHANGER IS SUFFICIENT FOR RATED LOAD.	
TO ALLOW FOR OIL EXPANSION IN HEAT EXCHANGER KEEP VALVES 1 TO 4 OPEN.	
OPERATION WITHOUT OIL AND WATER CIRCULATION IS NOT PERMISSIBLE.	
IN CASE OF FAILURE OF HEAT EXCHANGER OR PUMP THE TRANSFORMER AND COOLING WATER SYSTEM MUST BE SWITCHED OFF.	

RASTRIYA ISPAT NIGAM LIMITED

VISAKHAPATNAM STEEL PLANT
WORKS CONTRACT DEPARTMENT

VISAKHAPATNAM 530 031

PHONES: 0891 2518763, 2758705, FAX: 0891 2518763

IMPORTANT INSTRUCTIONS TO TENDERERS

The Tenderers are requested to note the following:

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

INTEGRITY PACT

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

And

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

Preamble

The Principal intends to award, under laid down organizational procedures, a contract for **“De-erection, shifting, replacement of HV & LV winding, repair, overhauling, erection and commissioning of 24 MVA, 33KV NGEF make Furnace transformers along with associated accessories”**. The Principal values full compliance with all relevant laws of the land, rules, regulations, economic use of resources, and of fairness/transparency in its relations with its Bidder(s) and /or Contractor(s).

The Principal will nominate Independent External Monitor(IEM) by name, from the panel of IEMs, at the Tender stage, for monitoring the Tender process and the execution of the contract in order to ensure compliance with the Integrity Pact by all the parties concerned.

Section 1 – Commitments of the Principal:

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

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

- (1) The Bidder/ Contractor commits to take all measures necessary to prevent corruption and commits to observe the following principles during his participation in the Tender process/during the contract execution(in case of Bidder to whom the contract has been awarded).

- a. The Bidder/Contractor will not, directly or through any other person or firm, offer, promise or give to any of the Principal's employees involved in the Tender process or the execution of the contract or to any third person any material or other benefit which he/she is not legally entitled to, in order to obtain, in exchange, any advantage of any kind whatsoever during the Tender process or during the execution of the contract or to vitiate the Principal's Tender process or contract execution.
 - b. The Bidder/ Contractor will not enter with other Bidders into any undisclosed agreement or understanding, whether formal or informal. This applies in Particular to prices, specifications, certifications, subsidiary contracts, submission or non-submission of bids or any other actions to restrict competitiveness or to introduce cartelization in the bidding process or to vitiate the Principal's Tender process or execution of the contract.
 - c. The Bidder/Contractor will not commit any offence under the PC Act/ Applicable law, like paying any bribes or giving illegal benefit to anyone including employees of RINL, to gain undue advantage in dealing with RINL or for any other reason etc. Further, the Bidder/Contractor will not use improperly, for purposes of competition or personal gain, or pass on to others, any information or Document provided by the Principal as part of the business relationship regarding plans, technical proposals and business details including information contained or transmitted electronically.
 - d. The Bidder/Contractor of foreign origin shall disclose the name and address of their Agent(s)/representative(s) in India, if any. Similarly the Bidder/Contractor of Indian Nationality shall furnish the name and address of the foreign supplier/contract Agency, if any. Further details, as mentioned in the Guidelines on Indian Agents of Foreign "Suppliers/contract agencies", shall be disclosed by the Bidder/Contractor, wherever applicable. Further, as mentioned in the Guidelines, all the payments made to the Indian agent(s)/representative(s) have to be in Indian Rupees only. Copy of the Guidelines on Indian Agents of Foreign "Suppliers/contract agencies" is enclosed.
 - e. The Bidder/ Contractor will, when presenting his bid, disclose any and all payments he has made or committed to or intends to make to agents, brokers or any other intermediaries in connection with the award of the contract.
 - f. The Bidder/Contractor signing IP shall not approach the Courts while representing the matters to IEMs and he/she will await their decision in the matter
- (2) The Bidder/Contractor will not instigate third persons to commit offences outlined above or be an accessory to such offences.

Section 3 – Disqualification from Tender process and exclusion from future contracts:

- (1) A transgression is considered to have occurred, if the Principal after due consideration of the available evidence, concludes that a reasonable doubt is possible.
- (2) If the Bidder/Contractor, before award of contract or after award of contract has committed a transgression through a violation of Section 2 above or in any other

form such as to put his reliability or credibility in question, the Principal is entitled to disqualify the Bidder from the Tender process or to terminate the contract, if already awarded, for that reason, without prejudice to other remedies available to the Principal under the relevant GCC of the Tender/contract.

- (3) If the Bidder/Contractor has committed a transgression through a violation of any of the terms under Section 2 above or in any other form such as to put his reliability or credibility into question, the Principal is entitled also to exclude the Bidder / Contractor from future Tenders/Contract award processes. The imposition and duration of the exclusion will be determined by the Principal keeping in view the severity of the transgression. The severity will be determined by the circumstances of the case, in particular the number of transgressions, the position of the transgressors within the company hierarchy of the Bidder /Contractor and the amount of the damage.
- (4) If it is observed after payment of final bill but before the expiry of validity of Integrity pact that the Contractor has committed a transgression through a violation of any of the terms under Section 2 above during the execution of contract, the Principal is entitled to exclude the Contractor from future Tenders/Contract award processes.
- (5) The exclusion will be imposed for a Period not less than six (6) months and, up to a maximum period of three (3) years.
- (6) If the Bidder / Contractor can prove that he has restored/ recouped the damage to the Principal caused by him and has installed a suitable corruption prevention system, the Principal may revoke the exclusion before the expiry of the period of such exclusion.

Section 4 – Compensation for Damages:

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

Section 5 – Previous transgressions:

- (1) The Bidder declares that, to the best of his knowledge, no previous transgression occurred in the last five (05) years with any Company or Organization or Institution in any country or with any Government in any country conforming to the anticorruption approach that could justify his exclusion from the Tender process.
- (2) If the Bidder makes incorrect statement on this subject, he can be disqualified from the Tender process. The contract, if already awarded, can be terminated for such reason.

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

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

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

If the Principal obtains knowledge of conduct of a Bidder/Contractor/Sub-contractor or of any employee or a representative or an associate of a Bidder/Contractor/

Subcontractor which constitutes corruption, or if the Principal has substantive suspicion in this regard, the Principal will inform the same to the CVO of RINL.

Section 8 – Independent External Monitor(s)(IEM(s)):

- (1) The Principal appoints competent and credible Independent External Monitor with the approval of Central Vigilance Commission. The IEM reviews independently, the cases referred to him or written complaints with all details received directly by him to assess whether and to what extent the parties concerned complied with the obligations under this Integrity Pact,
- (2) In case of complaint/representations on compliance of the provisions of the Integrity Pact by any person/agency, the complaint/representation can be lodged by the aggrieved party with the Nodal Officer for IP of RINL or directly with the IEM. The Nodal Officer shall refer the complaint /representation so received by him to the IEM for his examination. Similarly, RINL in case of any doubt regarding compliance by any or all the bidders can lodge its complaint / make a reference to IEM through Nodal Officer. For ensuring the desired transparency and objectivity in dealing with the complaints arising out of the Tendering process, the matter should be examined by the full panel of IEMs who would look into the records, conduct an investigation and submit their joint recommendations to the Management.
- (3) The IEM is not subject to instructions by both the parties and performs his functions neutrally/independently. The IEM will submit report to the CMD, RINL.
- (4) The Bidder(s)/Contractors(s) accepts that the IEM has the right to access without restriction, to all Tender/contract Documentation of the Principal including that provided by the Bidder/Contractor. The Bidder/Contractor will also grant the IEM, upon his request and demonstration of a valid interest, unrestricted and

unconditional access to his Tender/contract Documentation. The same is applicable to unrestricted and unconditional access to Tenders / contract Documentation of Subcontractors also. The IEM is under contractual obligation to treat the information and Documents of the Bidder(s)/ Contractor(s)/Subcontractor(s) with confidentiality.

- (5) IEM will have the right to attend any meeting between RINL and Counterparties in respect of the cases falling under the purview of IP.
- (6) As soon as the IEM notices, or believes to notice, a violation of this Pact, he will inform the Principal and request the Principal to discontinue or take corrective action or to take other relevant action. The IEM can, in this regard, submit non binding recommendations. Beyond this, the IEM has no right to demand from the parties that they act in a specific manner, refrain from action or tolerate action.
- (7) The IEM will submit a written report to the CMD-RINL within four (04) to six (06) weeks from the date of reference or intimation to him by the Principal/ receipt of the complaint and, should the occasion arise, submit proposals for corrective actions for the violations or the breaches of the provisions of the agreement noticed by the IEM.
- (8) IEM may also submit a report directly to the CVO of RINL and the Central Vigilance Commission, in case of suspicion of serious irregularities attracting provisions of the PC Act/ applicable Law.
- (9) Expenses of IEM shall be borne by RINL/VSP as per terms of appointment of IEMs.
- (10) The word 'Monitor' means Independent External Monitor and would include both singular and plural.

Section 9 – Duration of the Integrity Pact:

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

Section 10 – Other provisions:

- (1) This Pact is subject to Indian Law. Place of performance and jurisdiction is the Registered Office of the Principal, i.e. Visakhapatnam, State of Andhra Pradesh, India.
- (2) Changes and supplements as well as termination notices need to be made in writing. Side agreements to this pact have not been made.
- (3) If the Contractor is a partnership firm/ Consortium, this Pact must be signed by all partners/ Consortium members, or their Authorized Representative(s) by duly furnishing Authorization to sign Integrity Pact.

- (4) Should one or several provisions of this Pact turnout to be invalid, the remaining part of the Pact remain valid. In this case, the parties will strive to come to an agreement with regard to their original intentions.
- (5) Wherever he or his is indicated in the above sections, the same may be read as he/she or his/her, as the case may be. Similarly, wherever Counterparty or Bidder or Contractor is mentioned, the same would include both singular and plural.
- (6) In the event of any dispute between the Principal and the contractor relating to those contracts where Integrity Pact is applicable, in case, both the parties are agreeable, they may try to settle dispute through mediation before the panel of IEMs in a time bound manner. If required, the organization may adopt any mediation rules for this purpose. The fees / expenses on dispute resolution shall be equally shared by both the parties.

In case the dispute remains unsolved even after mediation by the panel of IEMs, the organization/Principal may take further action as per the terms & conditions of the contract.

<div>(For & On behalf of the Principal)</div> <div>(Office Seal)</div> <div>Place -----</div> <div>Date -----</div> <div>Witness 1:</div> <div>(Name & Address)</div> <div><div></div><div></div></div>	<div>(For & On behalf of Bidder/ Contractor)</div> <div>(Office Seal)</div> <div>Witness 2:</div> <div>(Name & Address)</div> <div><div></div><div></div></div>
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GUIDELINES FOR INDIAN AGENTS OFFOREIGN “SUPPLIERS/CONTRACT AGENCIES”

1.0 There shall be compulsory registration of Indian Agents of foreign suppliers/contract Agencies with RINL in respect of all Global (Open) Tenders and Limited Tenders. An agent who is not registered with RINL shall apply for registration in the prescribed Application Form.

1.1 Registered agent needs to submit before the placement of order by RINL, an Original certificate issued by his foreign supplier/ contract Agency (or an authenticated Photostat copy of the above certificate duly attested by a Notary Public) confirming the agency agreement and giving the status being enjoyed by the agent along with the details of the commission/ remuneration/ salary/ retainer being paid by them to the agent(s).

1.2 Wherever the Indian representative has communicated on behalf of their foreign supplier/contract Agency and/or the foreign supplier/contract Agency have stated that they are not paying any commission to their Indian agent(s) but paying salary or retainer, a written declaration to this effect given by the foreign supplier/contract Agency should be submitted before finalizing the contract.

2.0 DISCLOSURE OF PARTICULARS OF AGENT(S)/REPRESENTATIVE(S) IN INDIA, IF ANY:

2.1 Bidders of Foreign nationality shall furnish the following details in their quotation/bid:

2.1.1 The name and address of their agent(s)/representative(s) in India, if any, and the extent of authorization and authority given to them to commit them. In case the agent(s)/representative(s) is a foreign Company, it shall be confirmed whether it is a really substantial Company and details of the company shall be furnished.

2.1.2 The amount of commission/remuneration included in the quoted price(s) for such agent(s)/representative(s) in India.

2.1.3 Confirmation of the Bidder that the commission/remuneration if any, payable to his agent(s)/representative(s) in India, may be paid by RINL in Indian Rupees only.

3.0 DISCLOSURE BY INDIAN AGENT(S) OF PARTICULARS OF THEIR FOREIGN SUPPLIER/CONTRACT AGENCY AND FURNISHING OF REQUISITE INFORMATION:

3.1 Bidders of Indian Nationality shall furnish the following details/certificates in/along with their offers:

3.1.1 The name and address of foreign supplier/contract agency indicating their nationality as well as their status, i.e., manufacturer or agent of manufacturer holding the Letter of Authority.

3.1.2 Specific Authorization letter by the foreign supplier/contract agency authorizing the agent to make an offer in India in response to Tender either directly or through their agent(s)/representative(s).

3.1.3 The amount of commission/remuneration included for bidder in the price (s) quoted.

3.1.4 Confirmation of the foreign supplier/contract Agency of the Bidder, that the commission/remuneration, if any, reserved for the Bidder in the quoted price (s), may be paid by RINL in India in equivalent Indian Rupees.

4.0 In either case, in the event of materialization of contract, the terms of payment will provide for payment of the commission/remuneration payable, if any, to the agent(s)/representative(s) in India in Indian Rupees, as per terms of the contract.

4.1 Failure to furnish correct information in detail, as called for in para 2.0 and/or 3.0 above will render the bid concerned liable for rejection or in the event of materialization of contract; the same is liable for termination by RINL. Besides this, other actions like banning business dealings with RINL, payment of a named sum etc., may also follow.

PR No / Date: 73009770 / 15.04.2024

Questionnaire:

Name of Work: De-erection, Shifting, Replacement of HV & LV winding, Repair, Overhauling, Erection & Commissioning of 24 MVA, 33kV NGEF make Furnace transformer along with the associated accessories

Criteria-A: Do you have transformer manufacturing facility and have experience of manufacturing of at least one three phase transformer, 33 KV grade with a capacity of 18MVA or above in last 7 years?

YES / NO

If 'Yes', Documentary evidence along with completion certificate is to be submitted by the agency.

Criteria-B: Do you have facility for making new winding and in-house facility for VPD?

YES / NO

If 'Yes', Documentary evidence is to be submitted by the agency.

Criteria-C: Do you have NABL accredited Lab facility to do all the testing including impulse testing?

YES / NO

If 'Yes', Documentary evidence is to be submitted by the agency.

Note:

1. All the questions of Criteria A, B & C are fatal. i.e., if answer to any of the above questions is 'No', the agency shall be technically rejected without any further clarification.

PR No / Date: 73009770 / 15.04.2024

Pre-Qualification Criteria

Work Experience for PQ evaluation:

Agency should have experience in both of the following:-

Part-a): The agency shall have executed a single similar work of "Repair of 33 KV grade, 18 MVA or above Furnace transformer" for a value of at least Rs. 53,00,946/- in last seven (07) years
and

Part-b): Not Applicable

Statutory requirements/conditions:

The agency should have minimum valid electrical license from Central or state licensing authority for all voltages up to 33 KV.

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) **Group Personal Accidental Insurance (GPAI)** : Insurance policy for payment of ex-gratia amount of Rs.11,00,000/- (Rupees Eleven 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
Agencies are required to take the Group Personal Accidental Insurance (GPAI) policy for payment of ex-gratia from the RINL approved Insurance Service Provider as per the details given in the website as mentioned below :
www.vizagsteel.com----->Tenders----->Works Contracts ----->Standard Documents ---->RINL approved GPAI Service Provider Details.
 - 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 Arrestor not provided at Torch / Cylinder ends;
- (10) Colour coding of gas cutting of hoses not followed.

F. ARC WELDING:

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

G. PPEs:

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

H. VEHICLE:

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

- (16) Vehicles transporting loads without tying / securing of loads / stock protruding out of the truck body / without red flags / red lights, side guards, damage;
- (17) Drunk & driving;
- (18) Non availability of 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 – II 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:
- Time for mobilization after issue of FAX Letter of Intent/detailed Letter of Intent / Work Order shall be;
 - 03 (Three) days for Capital Repairs
 - 15 days for Civil Works
 - 60 days for painting works of Structural Engineering Department
 - 07 (Seven) days for Annual Mechanical, Electrical and works of technological assistance/cleaning.
 - 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.
 - 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 of 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), VISAKHAPATNAM, 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), VISAKHAPATNAM, 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 contractor 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 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.~~
- ~~37.2.4. Welfare Allowance (SMA & ASMA) shall be payable to contract labour deployed in site in High, Skilled, Skilled, Semiskilled and Unskilled categories including supervisors other than Service Engineers/Engineers/Contractor's representatives / Administrative staff of contractors e.g., HR officers, Office Staff, Regular Employees of Contracting agency, drivers deployed for their staff cars / envisage temporary contract labour on one time basis / additional contract labour engaged on one time basis (during execution)~~
- 37.3. (a) Penalty for delayed payment / non-payment of wages:
If the contractor fails to pay wages within the stipulated time i.e., 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.25.53 ps, SSK ----Rs.28.79 ps, SK----Rs.33.81 ps
- 3) Component ----- Leave with wages
Recovery amount per labour per every working day
USK ----Rs.31.42 ps, SSK ----Rs.35.43 ps, SK----Rs.41.61 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.56.95 ps, SSK ----Rs.64.22 ps, SK----Rs.75.42 ps

- 4) Component ----- Bonus
Recovery amount per labour per every working day
USK ----Rs.51.04 ps, SSK ----Rs.57.55 ps, SK----Rs.67.59 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.107.99 ps, SSK ----Rs.121.77 ps, SK----Rs.143.01 ps
10% towards profit and over heads of contractor
USK ----Rs.10.80 ps, SSK ----Rs.12.18 ps, SK----Rs.14.30 ps
Total recovery amount
USK ----Rs.118.79 ps, SSK ----Rs.133.95 ps, SK----Rs.157.31 ps

Note:

- i) The above recovery rates are effective from 01/10/2022. In case of any statutory revision in minimum wages payable to contract workmen as notified by the Regional Labour Commissioner (Central), VISAKHAPATNAM 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:

Design:

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.

- 46) Procedure for Banning of Business Dealings with the Parties / Contractors / Suppliers / Customers / Purchasers / Bidders/ Tenderers
1. RINL may ban/ suspend the Business Dealing with the agency / remove the agency from the list of registered supplier/ contractors (with / without inter connected agencies) at any stage of the contract viz. Tendering, Awarding, Execution and during or even after expiry of Defect Liability Period/ Warranty/ Guarantee Period on the following grounds:
- (a) If the Agency has been convicted of an offence under:
 - i) The Prevention of Corruption Act, 1988; or
 - ii) The Indian Penal Code or any other law for the time being in force, for causing any loss of life or property or causing a threat to public health as part of execution of a public procurement contract.
 the Agency shall be debarred for a period as specified in the General Financial Rules (GFR) issued by Govt. of India;
 - (b) If it is determined that the Agency has breached the code of Integrity, the Agency shall be debarred for a period as specified in the General Financial Rules (GFR) issued by Govt. of India;
 - (c) In case of violation/ transgression of Integrity Pact (IP);
 - (d) If the security consideration, including questions of loyalty of the Agency to the State, so warrants;
 - (e) If the Director / Owner of the Agency, proprietor or partner of the firm, is convicted by a Court of Law for offences involving moral turpitude in relation to its business dealings with the Government or any other public sector enterprises or RINL, during the last five years;
 - (f) If there is strong justification for believing that the Directors, Proprietors, Partners, owner of the Agency have been guilty of malpractices such as bribery, corruption, fraud, substitution of tenders, interpolations, etc;
 - (g) If the Agency continuously refuses to return / refund the dues of RINL without showing adequate reason and this is not due to any reasonable dispute which would attract proceedings in arbitration or Court of Law;
 - (h) If the Agency employs a public servant dismissed / removed or employs a person convicted for an offence involving corruption or abetment of such offence;
 - (i) If business dealings with the Agency have been banned by the Govt. or any other public sector enterprise;
 - (j) If the Agency has resorted to Corrupt, fraudulent practices including misrepresentation of facts and / or fudging / forging / tampering of documents;
 - (k) If the Agency uses intimidation / threatening or brings undue outside pressure on the Company (RINL) or its official in acceptance / performances of the job under the contract;
 - (l) If the Agency indulges in repeated and / or deliberate use of delay tactics in complying with contractual stipulations;
 - (m) Willful indulgence by the Agency in supplying sub-standard material irrespective of whether pre- despatch inspection was carried out by Company (RINL) or not;
 - (n) Based on the findings of the investigation report of CBI/ Police against the Agency for malafide/ unlawful acts or improper conduct on his part in matters relating to the Company (RINL) or even otherwise;
 - (o) Established litigant nature of the Agency to derive undue benefit;
 - (p) Continued poor performance of the Agency in several contracts;
 - (q) If the Agency misuses the premises or facilities of the Company (RINL), forcefully occupies, tampers or damages the Company's properties including land, water resources, forests / trees, etc.

(Note: The examples given above are only illustrative and not exhaustive. RINL may decide to ban/suspend business dealing for any good and sufficient reason. Any other banning clauses mentioned elsewhere in the Tender Documents shall also be considered as a ground for banning/suspension of business dealing.)

2. 'Inter-connected Agency' shall mean two or more agencies having any of the following features:
 - (a) If one is a subsidiary of the other.
 - (b) If the Director(s), Partner(s) Manager(s) or Representative(s) are common;
 - (c) If management is common
 - (d) If one owns or controls the other in any manner
3. Any allegation(s) against an agency with good and sufficient reasons for banning business dealing with the agency, except for banning of business dealings with foreign suppliers of coal/ coke, shall be put up to Standing Banning Committee (SBC) of RINL for investigation.
4. In case of removal of the agency from the list of registered vendors/ contractors of RINL, the agency shall not be disqualified from competing in Global/ Open Tender Enquiries (GTE/OTE) but Limited Tender Enquiry (LTE)/ Single Tender Enquiry (STE)/ Short Open Tender (SOT) may not be given to the agency concerned.
5. If the allegations against any agency are of a serious nature, RINL may suspend business dealings with the agency (with / without inter connected agencies) pending investigation, with/ without any show cause notice. The suspension shall be for a maximum period of nine months (six months initial extendable by three months in case investigations are not completed) or till the decision of SBC, whichever is earlier. In case of suspension of the agency, RINL may consider to discontinue all the existing contract(s) with the agency. During the period of suspension, no further business dealing including placement of orders against tenders under finalization shall be made with the agency w.e.f. the date of suspension.
6. After issue of suspension order, till the conduct of the agency is under investigation, RINL will not entertain any correspondence / argument from the agency (except receiving reply to the show cause notice).
7. If the agency desires some information / clarification or desires to see any document before replying to the show-cause notice, the agency may appear in person in the Standing Banning Committee meeting on the stipulated date and time wherein the agency will be furnished the desired information including sharing of relevant document. If the agency requests for inspection of any relevant document in possession of RINL, necessary facility for inspection of documents will be provided. The agency may correspond only with the SBC.
8. Convener SBC shall issue notice to the agency asking him/her to attend the meeting in person or informing him/her that he/she may send his/her representative. The date, time and venue of the meeting shall be clearly mentioned in the notice. To meet the ends of 'Natural Justice ', two opportunities will be given to the agency to send their representative. In case of failure, SBC can proceed ex parte.
9. Opportunity will be given to the agency to submit any documents or evidence in his defense to SBC. Cross examination of the agency if required shall also be done by SBC.
10. The Banning Order based on the investigation by SBC shall be issued to the agency. In case of Banning of Inter -connected agencies the copy of the Banning Order shall be sent to known inter-connected agencies also.
11. Banned/Suspended agencies are not eligible for submission of quotations/offers against any type of tender (GTE/OTE/LTE/STE/SOT) during the period for which they have been suspended/banned for business dealings with RINL and if submitted, those quotations/ offers will be treated as unsolicited and shall not be considered.
12. The agency may file an appeal against the Banning Order to CMD-RINL within 30 days from the date of issue of the Banning Order.

13. Agency, may seek review of the banning order passed originally by RINL, either before or after filing of appeal before the Appellate Authority or after disposal of appeal by the Appellate Authority, upon disclosure of new facts / circumstances or subsequent development necessitating such review.
14. RINL may decide to circulate the name of agency with whom business dealings have been banned, to the Government Departments, other Public Sector Enterprises, etc. for such action as they deem appropriate.
15. If business dealing with any agency has been banned by the Central or State Government or any other Public Sector Enterprise, RINL may, without any further enquiry or investigation, issue an order banning business dealing with the agency and its inter-connected agencies.

Note: 'Party / Contractor / Consultant/ Supplier / Purchaser / Customer/ Bidder/ Tenderer' is indicated as 'Agency'.

- 47) ESI contribution @ 4% (Employer's Contribution @ 3.25% Employees' contribution @ 0.75%) towards Welfare Allowance (if applicable) as per Clause No.37.2 and Ad-hoc amount as per Clause No.37.1 of all the eligible contract workers is to be paid to ESI Authorities by the bidders / contractors. The Employer's contribution paid by the bidders / contractors will be reimbursed by RINL on submission of documentary evidence to the Engineer-in-charge of the work for the payment made. The workers' contribution shall be deducted from the wages of the workers by the contractors
- 48) Bank Guarantee (BG) in Structured Financial Messaging System (SFMS) mode :
 - A) The prescribed format in which BGs are accepted is given in General Conditions of Contract (GCC) available in the website as mentioned below :
www.vizagsteel.com----->Tenders----->Works Contracts ----->Standard Documents ----->General Conditions of Contract
 - B) Vendor/Supplier/Customer shall obtain Bank Guarantee from Branches of Banks (Scheduled Commercial Bank/ Nationalized Bank etc. which are having SFMS Facility.
 - C) The Details of BG Advising Bank for sending confirmation of BGs in Structured Financial Messaging System (SFMS) mode is given below:
Bank : State Bank of India ,Commercial Branch
IFSC Code : SBIN0014407
Address : 43-29-54/8, Balaji Metro Chambers,
Dondaparty, Visakhapatnam – 530016.
SWIFT : SBININBB745
In case of New BG, SFMS Message type (MT) should be "760" and in case of Extension or Amendment SFMS Message type (MT) should be "767" (In case, another Bank is identified by Management as Advising Bank either for HQ or for Branches for confirmation of Bank Guarantee through SFMS mode that bank details will be informed.)
 - D) The email address of issuing bank and local enforcing bank to be indicated along with their addresses in the BG format.
 - E) Scanned Copy of Original BG along with SFMS Message should be forwarded by issuing Bank to concerned Tender / Contract Dept.'s Email id specified in the tender document.
 - F) All Bank Charges levied by Advising Bank for confirmation of BGs in SFMS mode relating to Vendor/Supplier/Customer are to RINL Account.
 - G) It is informed to all Vendor/Supplier/Customer etc., that Issuing Bank should submit the BGs to Works Contacts Department of RINL by Registered Post / Speed Post along with
 1. SFMS Message of issuing Branch.
 2. Scanned copy of signed Original BG is to be sent to concerned E-mail address of Tendering / Operating Dept. as mentioned in the Tender Document / Contract.

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

UNDERTAKING LETTER

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

Name of work: **“DE-ERECTION, SHIFTING, REPLACEMENT OF HV & LV WINDING, REPAIR, OVERHAULING, ERECTION AND COMMISSIONING OF 24 MVA, 33KV NGEF MAKE FURNACE TRANSFORMERS ALONG WITH ASSOCIATED ACCESSORIES”**

RFx No. 2600008834

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.

If our Company is a Partnership Firm, if the Partnership Firm is re-constituted, I/We hereby declare that I/we will submit the latest Notarized Re-constituted Partnership Deed along with Firm Registration Certificate of the re-constituted firm and the original Notarized Partnership Deed.

Signature of the Tenderer

BID SECURITY DECLARATION
(In Lieu of EMD)

Tender No. / RFx No: 2600008834

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. (or)
- iii. Fail or refuse to comply with any other aspect of the tender which otherwise would have involved forfeiture of EMD.

[Signature]

In the capacity of:

[Legal capacity of person signing the Bid Security Declaration]

The bidder shall submit a 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: (wherever applicable)

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.