



RASHTRIYA ISPAT NIGAM LIMITED
VISAKHAPATNAM STEEL PLANT
(A Govt. of India Enterprise)
W15 - NSSS KUMAR
VISAKHAPATNAM STEEL PLANT, ,
VISAKHAPATNAM - 530031, ANDHRA PRADESH -
INDIA

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NOTICE INVITING TENDER (NIT)

NIT TYPE: 2-PRT % BID E-RFX

VSP/1200/TPP(M)/2020/00317

NIT NUMBER & DATE: 2600005879 Dated 01.07.2020

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

1. NAME OF THE WORK:

ANNUAL OVERHAULING OF BOILER PRESSURE PARTS

2 KEY INFORMATION:

Type of Bid	Type of Submission	EMD in INR	Submission Deadline date & time	Bid Opening Date & time in Hours
TWO PART BID	E BID	175000.00	21.07.2020 15:00	21.07.2020 15:30

1.CONTRACT PERIOD : TWELVE (12) Months

2.DEFECT LIABILITY PERIOD : THREE (03) Months

3.ENGINEER IN CHARGE,,: GM (Mech)-TPP

4.WELFARE ALLOWANCE,,: APPLICABLE

ESTIMATION VALUE : INR 1,41,29,132.05

LOWER LIMIT OF ESTIMATED VALUE : INR 1,20,30,556.81

Note: Lower limit of estimated value below which Additional Security Deposit(ASD) is to be submitted

as per clause no 45 of SCC is INR 1,20,30,556.81 (One Crore Twenty Lakh Thirty Thousand Five Hundred Fifty Six Rupees Eighty One Paise) .

3 OFFER VALIDITY DATE:

Your offer should be valid upto 20.11.2020.

4 CURRENCY:

INR.

5 ELIGIBILITY/EXPERIENCE CRITERIA :

Single Similar Work Order Value in INR	Annual Turnover in INR
7064566.03 (70.64 Lakhs)	4238739.62 (42.38 Lakhs)

SINGLE SIMILAR WORK EXPERIENCE REQUIREMENT: AGENCIES WHO HAVE EXECUTED SUCCESSFULLY CAPITAL REPAIR OR ERECTION & COMMISSIONING OF COAL FIRED BOILERS SHALL ONLY BE ELIGIBLE.

STATUTORY REQUIREMENT: THE AGENCIES HAVING VALID CATEGORY-1 BOILER REPAIR LICENSE, ISSUED/AUTHORIZED BY THE DIRECTORATE OF BOILERS, ANDHRA PRADESH ARE ONLY ELIGIBLE TO PARTICIPATE IN THE TENDER.

INTEGRITY PACT:

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

b) The External Independent Monitor (EIM) are Sri VVR Sastry, Sri P KVijay Kumar & Sri SivaPrasad Rao. The bio-data of Sri VVR Sastry, Sri PK Vijay Kumar & Sri Siva Prasad Rao are placed in VSP website.

c) The nodal Officer is Sri Asit Kumar Das General Manager (MM), VSP. He can be contacted at Phone No. 9866169780 Max (Internal):23530 and ate-mail akdas@vizagsteel.com

(PLEASE SEE PQC REQUIREMENT ANNEXURE ATTACHED TO TENDER SCHEDULE)

6. NATURE & SCOPE OF WORK:

ANNUAL OVERHAULING OF BOILER PRESSURE PARTS LIKE REPLACEMENT OF BOILER PRESSURE PARTS, SERVICING OF DRUM INTERNALS ETC.

AS PER SOW ATTACHED TO TENDER SCHEDULE

7 ITEM DETAILS/BOQ:

AS PER BOQ ATTACHED TO TENDER SCHEDULE

8 LIST OF TENDER DOCUMENTS:

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

-Tender Schedule Consisting of

1. NOTICE INVITING TENDER
2. PRE-QUALIFICATION REQUIREMENT
3. SCOPE OF WORK
4. TERMS & CONDITIONS
5. ADDITIONAL SPECIAL CONDITIONS OF CONTRACT
6. BILL OF QUANTITIES
7. QUESTIONNAIRE
8. INTEGRITY PACT
9. SPECIAL CONDITIONS OF CONTRACT
10. UNDERTAKING LETTER

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 the EMD Submission proof.
- 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 will be opened 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:

A) For Earnest Money Deposit, following option is available:

„ Online Payment in SRM portal: 'Online EMD Payment' facility exists in the RFx Response Window. Details are given in the User Manual for E-Tendering at Login page of SRM portal.

No other mode of payment will be accepted.

(i) Agency has to indicate the Bank, Transaction Reference Number of Earnest Money Deposit (EMD) in the Questions tab section. If the agency seeks exemption from submission of EMD, the agency needs to submit the following:

- (i) District Industries Centre [Acknowledge of Entrepreneur Memorandum ie. EM (Part – II)]
- (ii) Khadi and Village Industries Commission
- (iii) Khadi and Village Industries Board
- (iv) Coir Board
- (v) National Small Industries Corporation (NSIC)
- (vi) Directorate of Handicrafts Handloom
- (vii) Any other body specified by Ministry of MSME

B) Statutory Documents to be submitted, wherever required

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

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

iii) Competency Certificate issued by Director of Factories, AP

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

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

12 E-RFX EVALUATION PROCESS:

- (a) Pre-qualification evaluation shall be done based on the documents submitted by the bidders in PQC & Tech RFx cFolders.
- (b) All the RFxs shall be evaluated on the basis of landed cost only which includes all taxes and duties but excluding Goods & Service Tax (GST).
- (c) TAL1 (Technically accepted L1) price arrived by the system shall follow automatically to Auction document as start bid price for all cases of Reverse Auction and will be visible in the system only after the start time of Live Auction (E-Reverse Auction).
- (d) On completion of Live Auction, composite comparative statement is generated by the system considering the RFx Prices and Reverse Auction Prices. Placement of Order shall be considered on the L-1 price so arrived.
- (e) Notwithstanding anything specified in this tender documents, RINL, in its sole discretion, unconditionally and without having to assign any reason, reserves the following rights:
 - (i) To reject the response whose performance is poor in awarded / ongoing works if any.
 - (ii) To give purchase preference to Public Sector Undertakings wherever applicable as per Government Policy / Guidelines
 - (iii) To extend purchase preference to Local MSEs (Micro & Small Enterprises) as per prevailing guidelines of RINL subject to submission of documents as stipulated in Detailed Terms & Conditions of NIT.

13 REVERSE E-AUCTION PROCESS:

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

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

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

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

(a) AUCTION TIME EXTENSION:

1. Throughout the Auction process, Bidders should keep in view the 'Time Remaining' that appears on the 'Live Auction cockpit' screen and submit their Bids well within the time that gets displayed therein.
2. Bidders to note that System calculates Auction End time during the Auto extension period as under:
If any of the bidder, submits a valid price, in the last "X" minutes, the system will extend the Auction End time to "Existing End Time + Y minutes". This will be done "N" number of times.

Here,

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.

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 eFolder 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 eFolder Publisher Area on the RINLs SRM Portal in totality and upload the same along with the Undertaking letter in Tech RFx eFolder.

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

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

7) (i) Tenderers shall submit GST Registration Certificate under GST act if available. If not available successful tenderer shall produce Registration Certificate under GST Act, wherever applicable, before signing the Work Order / Letter of Acceptance and submit a copy of the same.

(ii) Tenderers shall submit the PF Registration Certificate if available, if not available successful tenderer shall submit PF Registration Certificate before commencement of the work.

8) VSP after opening of tender/bid document may seek in writing, documents/ clarifications which are necessary for evaluation of tender / bid document from the Tenderers/ bidders or issuing authority for confirmation of eligibility/ pre-qualification stipulated in the NIT.

9) If it comes to the notice of VSP at any stage right from request for registration/ tender document that any of the certificates/ documents submitted by applicant for registration or by bidders are found to be false/ fake/ doctored, the party will be debarred from participation in all VSP tenders for a period of 05 (FIVE) years including termination of contract, if awarded. E.M.D/ 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 anywhere 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.

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

11) Successful tenderer should be in a position to produce, after opening of the price bids, the Original Certificates in support of the attested copies of relevant documents submitted along with tender document. Failure to produce the original certificates at this stage in support of the attested copies of Electrical License/ any other documents etc. submitted earlier would result in disqualification and forfeiture of EMD and also liable for debarring from participation in VSP tenders.

12) RINL will not be responsible for any delay/ loss/ any website related problems in downloading the tender documents etc. RINL reserve 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 there of and without being liable to refund the Tender fee thereupon.

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

NSSS KUMAR

1 INSTRUCTIONS TO TENDERERS:

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

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

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

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

Evaluation criteria:

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

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

4) If by any reason the tender opening is postponed to any other date, the same will be placed in RINL's SRM Portal and in the Notice Board at Works Contracts Department. Tenderers shall see the SRM Portal / Notice Board 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, shut down 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 / Financial Instruments for EMD shall not be sought in the following cases where:

- i) There is evidence of Tampering/ Unauthorized correction.
- ii) The value of Financial instrument(s)/ document(s) is falling short of the value stipulated in the NIT.
- iii) The Validity of the BG(s) as on Initial TOD is falling short of the minimum Validity period stipulated in the tender.
- iv) Discrepancy exists in the name of Payee/ Beneficiary.

2 EMD SUBMISSION PROCESS:

1) In case of Earnest Money Deposit being less than or equal to Rs. 5 Lakhs: Earnest Money Deposit shall be deposited by means of online EMD Payment facility or Challan mode provided in quotation (Response) screen under 'RFx Information' tab with node name 'EMD Payment'. Details are given in the User Manual for e-Tendering at Login page of SRM portal.

No other mode of payment will be accepted.

However, in case EMD exceeds Rs.5 Lakhs, tenderers have the option to submit the same in the form of Bank Guarantee (In the format as enclosed to the GCC) from any Scheduled Commercial Bank, encashable at Visakhapatnam. Bank Guarantees shall be valid for a minimum period of 04(Four) months from the Bid opening date. The above shall supersede the instructions regarding Form of EMD elsewhere in the tender document.

2) Public Sector Enterprises of State / Central Government Undertakings are exempted from submission of Earnest Money Deposit (EMD) provided they submit a letter requesting for exemption from submission of EMD along with their offer.

3) EXEMPTIONS / PREFERENCES FOR MICRO AND SMALL ENTERPRISES:

1. Micro and Small Enterprises (MSEs) are exempted from submission of Earnest Money Deposit (EMD) and Security Deposit (SD), irrespective of whether the service is to be carried out within or outside their premises subject to submission of proof of enlistment / registration with any of the following agencies:

- (i) District Industries Centre [Acknowledge of Entrepreneur Memorandum i.e. EM (Part – II)]
- (ii) Khadi and Village Industries Commission
- (iii) Khadi and Village Industries Board
- (iv) Coil Board
- (v) National Small Industries Corporation (NSIC)
- (vi) Directorate of Handicrafts Handloom
- (vii) Any other body specified by Ministry of MSME

Note:

(a) Tender documents are uploaded in the websites (www.vizagsteel.com; www.pubtenders.gov.in; <http://eprocure.gov.in>) and are to be downloaded from there only.

(b) The Micro and Small Enterprises registered for the particular trade/items for which the tender is relevant, would only be eligible for exemption.

(c) As regards Security Deposit (SD) exemption, the MSEs shall be required to submit a "Performance Guarantee Bond" of requisite value in the prescribed pro-forma in lieu of Security Deposit. It may be noted that waiver of SD is permitted only up to the monetary limit as specified in the proof of enlistment for which the unit is registered.

2. Preference to MSEs shall be considered under the following conditions:

- (i) When the work is to be awarded to more than one tenderer, as stated in NIT.
- (ii) In such cases the package size / value is pre-decided and indicated in the NIT.
- (iii) MSEs shall have valid enlistment / registration with specified agencies (as above), in relevant category. The successful tenderer should ensure that the same is valid till the end of the contract period.
- (iv) The offer / bid of MSE shall be within the price band of L1 +15% and upon their matching with the final negotiated price of (L1 being other than MSE).

On fulfilling the above conditions, the eligible MSEs shall be considered for award of the rest of the package(s) (after negotiating the final L1 price) of aggregate value not less than 20% of the total tendered value, in the order of their ranking in the bid. In case there are more than one eligible MSEs with one or more owned by scheduled caste and scheduled tribe entrepreneurs, package(s) not less than 4% of the tendered value shall be considered for awarding to MSEs owned by SC and ST Entrepreneurs. The preferential award of work shall cease once the limit of 20% of tendered value is attained. Further allotment / award would be based on inter-se ranking of the rest of the tenderers other than who are already considered for allotment/award of package, subject to their matching with the final L1 negotiated price.

4) EMDs of unsuccessful tenderers will be refunded after reasonable time without interest.

Annexure to NIT RFx no:2600005879 TPP**PRE-QUALIFICATION REQUIREMENT**

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

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

SINGLE SIMILAR WORK EXPERIENCE REQUIREMENT: AGENCIES WHO HAVE EXECUTED SUCCESSFULLY CAPITAL REPAIR OR ERECTION & COMMISSIONING OF COAL FIRED BOILERS SHALL ONLY BE ELIGIBLE

STATUTORY REQUIREMENT: THE AGENCIES HAVING VALID CATEGORY-1 BOILER REPAIR LICENSE, ISSUED/AUTHORIZED BY THE DIRECTORATE OF BOILERS, ANDHRA PRADESH ARE ONLY ELIGIBLE TO PARTICIPATE IN THE TENDER.

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

b) The External Independent Monitor (EIM) are Sri VVR Sastry, Sri P K Vijay Kumar & Sri SivaPrasad Rao. The bio-data of Sri VVR Sastry, Sri P K Vijay Kumar & Sri Siva Prasad Rao are placed in VSP website.

c) The nodal Officer is Sri Asit Kumar Das General Manager (MM), VSP. He can be contacted at Phone No. 9866169780 Max (Internal):23530 and at e-mail akdas@vizagsteel.com

The value of **single Similar Work executed** shall be during the last **07 (Seven)** years ending last day of month previous to Tender Notice date i.e: **30.06.2020** and Turnover shall be the average Annual Financial Turnover during the last three years ending 31st March of the previous financial year i.e.**31.03.2020**. The tender document shall be accompanied with copies of Work Order, Bill of Quantities, Work Completion Certificate indicating the total value of the work done inclusive of all deviations and escalations against the subject work and including all taxes & duties, but excluding **Goods & Service Tax (GST)**.

In case of work executed outside VSP, and where the total amount includes **GST**, tenderers shall make efforts to get the value of **GST** indicated separately in the Work Completion Certificate.

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

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

SCOPE OF WORK

Work Desc: **ANNUAL OVERHAULING OF BOILER PRESSURE PARTS**

1.01.1 ERECTION OF SCAFFOLDING, CLEANING OF PRESSURE PARTS AND REPAIR:

- 1.01.2 Erection of scaffolding on all four sides of the furnace inside the first pass of Boiler, with scaffolding pipes, clamps and wooden planks up to the Platen Super heater as per the instruction of Engineer-in-Charge of the work. Making provision to go near wall blower openings for inspection. Removal of the same after completion of the job. Cup-lock scaffolding may have to be used instead of scaffolding for boiler cleaning. The Cup-lock scaffolding is to be assembled inside the boiler.
- 1.01.3 Removal of dry ash from pent house, dog house, boiler roof, economizer hoppers, below economizer flushing apparatus, air pre-heater hoppers, air preheater guide bearing area, bottom ash hopper inside and in the pit, all railings, channels, above the ducts, cable trays as per the instructions of Engineer-in-Charge. The dry ash is to be collected in gunny bags and to be dumped at a place shown by Engineer-In-Charge. Also, complete Boiler including all the floors to be cleaned off dust, cobwebs, debris and oil stains on piping, structures, boiler to boiler inter connecting platforms. Areas in and around PA Fan, ID Fan, FD Fan and also raw coal feeder floor are to be cleaned.
- 1.01.4 After initial inspection, water cleaning of water wall, platen water wall, all super heaters, economizer tubes and tubular air heater is to be done. Before water cleaning, 2nd pass flue gas path is to be blanked by sheet near economizer hoppers so that no ash or water enters rotary air pre-heater while cleaning. The cleaning of the pressure parts is to be done to the satisfaction of IBR Authority. Suitable attachment to be made by the contractor to fit with the firefighting valve provided in the Boiler for water cleaning of boilers. The nozzle for the cleaning to be arranged by the contractor.
- 1.01.5 Tube thickness survey of Boiler in 1st and 2nd passes at identified locations as per the instructions of Engineer-in-Charge and recording of the same. D-Meter will be supplied by VSP free of cost but the same has to be returned after completion of the job. The contractor has to survey the thinned out/bulged out tubes and damages in refractory and inform the Engineer-in-Charge.
- 1.01.6 Protection shields are to be provided on all erosion prone tubes or on any other tube as per the instruction of Engineer-In-Charge. SS sheets/Boiler quality tubes will be given by VSP free of cost. Party has to cut, bend the sheets/tubes in 'U' shape and fix in position and clamp them with the tubes.
- 1.01.7 'O'metre trenches in the boiler are to be completely cleaned.
- 1.01.8 Cleaning and inspection of hydraulic seal trough and rectification/ repair, if any.
- 1.01.9 Conducting air leak test of furnace, locating air ingress points, repair of the same by seal welding for proper sealing of the furnace in both passes. All peep hole and manhole doors are to be serviced and proper closing should be ensured. Sealing ropes to be provided and any repair of minor nature like fixing handles, proper alignment and tightness are part of the job.
- 1.01.10 Conducting air tightness test of tubular air preheater and plugging the defective tubes suitably.
- 1.01.11 The party has to associate completely for conducting hydraulic test of Boilers to the satisfaction of Statutory Authority & Engineer-In-Charge.
- 1.01.12 Platforms/scaffolding/Cup-lock scaffolding to be removed after completion of job and inspection by statutory authorities.

1.02.0 REPLACEMENT OF FURNACE PEEP HOLE DOORS:

The damaged peep-hole doors of the furnace to be removed and new peep-hole doors to be

SCOPE OF WORK

Work Desc: **ANNUAL OVERHAULING OF BOILER PRESSURE PARTS**

matched and fitted. The new peep-hole doors will be given by VSP free of cost. Any gas cutting, welding, grinding etc. required for removal/ fitting of the peep hole doors also forms a part of the job.

1.03.0 REPAIR OF PRESSURE PARTS:

1.03.1 Cutting the shell plate and re-welding, if required, in the second pass.

1.03.2 Cutting and welding back fins between two water wall tubes, or male female connections, stoppers in case of super heater, economizer tubes is a part of tube welding for bill of quantities. Cutting the tube, removing the defective piece, edge preparation, welding new tubes with initial TIG root welding and further arc welding. The contractor has to put back old/new insulation at the place of removal. Supply of special electrodes is in the scope of contractor. However, Argon Gas will be supplied by VSP free of cost.

1.03.3 Re-alignment of coils is to be done, if necessary.

1.03.4 All high pressure welding including fin welding to be carried out by IBR qualified welder.

1.03.5 The scope of work includes removal & replacement of high pressure valves also. Payment shall be made on the basis of equivalent joints.

1.03.6 Valves required for the purpose shall be given by VSP free of cost.

1.03.7 This item is to be operated during Annual overhauling period of Boilers

1.05.00 RADIOGRAPHY OF OLD WELD JOINTS:

1.05.01 Some of the old/new welded joints may have to be radiographically tested, as per the instruction of Engineer-in-charge. The contractor will arrange for such radiographic tests and if required will avail the services of competent testing agency at his own cost.

1.06.1 SERVICING OF FUEL OIL STATION, OIL & AUX. STEAM LINES:

1.06.2 It includes hydraulic test of heaters, cleaning the filters, changing the gaskets wherever required. Servicing of all steam, air and oil valves related to oil firing system of the boiler. All steam traps cleaning or changing. Replacement/ repair of defective steam/ oil/ air valves, repair/ replacement of steam tracing lines, wherever leaking, is a part of the job.

1.06.3 The job includes the tracing station at 8M level (near LHS elliptical door) also. Steam leak test and attending to defects in steam lines up to air heater soot blowing station, SCAPH, steam line at all elevations of boiler, tracing steam lines. All oil line leakages up to the oil burners to be attended.

1.07.00 STRUCTURAL REPAIRS:

Structural repair of boiler/coal bunker/platform stairs or in other areas may have to be carried out as per the instruction of Engineer-in-Charge from 0 mtr to top of the boiler. The steel required for such repairs will be issued free of cost by VSP. The contractor has to collect the same from VSP stores.

1.08.00 DRUM INTERNALS:

1.08.01 Opening of drum manhole, removal and cleaning of all drum internals, inspection of drum internals and chemical dosing lines. Rectification/replacement of internals including vortex plates, tightening of clamps and screen joint bolts, assembly of drum internals and boxing up of the drum. Replacement of gauge glass assembly ports is a part of the job.

1.08.2 Servicing of sample coolers, replacement of sample coolers, if required. Servicing /

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replacement of associated valves, repair of sample lines, if necessary.

1.11.00 SAFETY VALVES SERVICING AND FLOATING:

For all safety valves including ERVs besides the work mentioned in 1.09.00 to 1.09.05 above, the party has to ensure that the valve is floating at the set pressure. The party has to be present at the time of Safety valve floating and has to carry out necessary adjustments to obtain proper float and lift. If any problem is noticed, it has to be attended immediately.

1.12.1 REPAIR OF DAMPERS AND GATES:

- 1.12.2 Disconnection of drive links.
- 1.12.3 Checking manual operation of dampers and gates.
- 1.12.4 Cleaning and necessary repair work of dampers and gates.
- 1.12.5 Servicing of bushes / bearings, replacement, if required, and greasing of the bushes/bearings.
- 1.12.6 Setting /repair /replacement of seating arrangement. Perfect closing of dampers/gates to be ensured.
- 1.12.7 Servicing of actuator and gear boxes, if found to be jammed or problematic.
- 1.12.8 Ensure free operation after connection of actuators.
- 1.12.8 Necessary scaffolding for the above job to be made and same is to be removed after completion of job.
- 1.12.9 Following dampers to be serviced per boiler:
 - a) Guillotine gates at ESP inlet, outlet, ID Fan inlet & outlet -8 nos.
 - b) FD Fan delivery dampers - 2 nos.
 - c) PA Fan delivery gates - 2 nos.
 - d) Hot Air gates for mills - 6 nos.
 - e) Cold Air dampers for mills - 6 nos.
 - f) Cold Air gates for mills - 6 nos.
 - g) Hot Air dampers for mills - 6 nos.
 - h) Secondary air dampers - 64 nos.
 - i) Raw coal bunker outlet gates - 6 nos.
 - j) Raw coal feeder inlet gates - 6 nos.
 - k) Igniter Fan, Scanner fan, Seal air fan discharge flaps - 3 nos.
- 1.12.10 The filter of scanner fans& seal air fans have to be cleaned or replaced, if required.

1.13.1 REPAIR OF DUCTS AND EXPANSION JOINTS:

- 1.13.01 Complete cleaning inside all ducts (Hot air, Cold air, Secondary air duct from FD Fan to furnace including Wind Box, flue gas duct from Economizer outlet up to ID Fan outlet). The ash to be removed in packets and shifted to a place as shown by Engineer-in-Charge.
- 1.13.02 Inspection of above ducts and related expansion joints. Necessary repair of ducts/expansion joints. Removal of insulation and fixing back after repair is also the part of the job, if required. Scope includes any repair/ replacement of stiffening pipes / bracings inside the duct.
- 1.13.03 Removal of dust from expansion joints and filling of bottom of expansion joints with glass wool. Glass wool will be supplied by VSP free of cost but the party has to collect the same from VSP stores.
- 1.13.4 Primary air heater expansion joints have to be repaired/ replaced with new expansion joints supplied by VSP.

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1.14.00 MINOR REPAIR OF BURNERS:

Erection of temporary platforms, supports and scaffoldings as required around coal, oil, COG and BFG burners area outside boiler for doing the following jobs. Same are to be dismantled and removed after work is completed.

1.14.1 All burners of coal, gas and oil to be inspected from inside of the furnaces. Damaged portion of all burner tips to be welded from inside.

1.14.2 All 12 igniter boxes and ignitor horns have to be opened, cleaned & gaskets to be replaced. All damaged scanner, ignitor and gun hoses to be replaced.

1.15.00 REPAIR OF BURNERS:

Damaged coal or gas burners to be taken out, as per the Engineer-in-charge instruction, after removal of associated piping. Damaged portion to be removed and burner to be repaired with SS electrodes. Hard facing, if required, to be carried out and burner to be put back in position. Hard facing electrodes and SS electrodes will be supplied by VSP. Furnace oil/HSD burner assemblies are to be considered as integral part of coke oven burner, if they are taken out for repair. Removal of Coal pipes, bends, CO gas pipes, BF gas pipe opening near the burner and re-fixing the same after burner job is to be considered as part of the job. Scaffolding as required around burners outside boiler is part of job.

1.16.00 REPAIR OF COAL PIPE BENDS:

Removal of coal pipe bends at different places of the boiler (near the burner), including second bend from the furnace side, hard facing inside the bend with hard facing electrodes, replacement of gaskets, Victaulic couplings for the bends and fixing back in position. Removal of bends is to be carried out as per the instructions of Engineer-In-Charge. Wherever required temporary platforms are to be made for removal of bends and same to be removed after completion of job. In case, new bends are given by VSP the old ones have to be hard faced and to be kept at a place as shown by Engineer-in-charge.

1.17.00 REPAIR OF OIL GUNS AND IGNITORS:

1.17.1 Removal, inspection, cleaning of oil guns, rectification of defects in assembly & fixing them back.

1.17.02 Removal, inspection, cleaning of ignitors, rectification of defects and fixing back.

1.18.00 REPLACEMENT OF CAST STEEL PF PIPES:

1.18.01 The eroded cast steel PF pipes of required length to be cut as identified and specified by the Engineer-in-Charge and to be replaced with new pipes (supplied by VSP free of cost) of the same length. Cutting of new pipes to the required length also forms part of job. In case, collar to be welded on the ends for accommodating the coupling, the same has to be done.

1.18.02 The old PF pipes should be properly anchored before cutting so that the pipes do not go out of alignment after cutting. The same is to be removed after changing of pipes.

1.18.03 Old pipes are to be hard faced and reused, if new pipes are not available. Payment shall be made on the number of pipes changed depending on the length of the pipe, i.e. up to 2M, 2M to 4M or above 4M. Wherever required, temporary platforms/scaffoldings are to be

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made for removal/cutting/replacement of pipes and same to be removed after completion of job.

1.19.00 REPLACEMENT OF WELDED PF BENDS:

1.19.01 The eroded PF bends to be cut as identified and specified by Engineer-in-charge and to be replaced with new bends (supplied by VSP free of cost). Cutting of new bends to the required length also forms part of job. In case, collars to be welded on the ends for accommodating the coupling, the same has to be done at no extra cost.

1.19.2 The old PF pipes on either sides of the bend should be properly anchored before cutting so that the pipes do not go out of alignment after cutting. The same to be removed after changing of bends.

1.19.03 If new bends are not available, the old bends are to be hard faced and reused. Payment shall be made on the number of bends changed depending upon the type of the bend i.e. 90° long radius elbow or other than those. Wherever required, temporary platforms/scaffoldings are to be made for removal/cutting/ replacement of bends and same to be removed after completion of job.

1.20.00 REVISIONING OF CO GAS, BF GAS LINES, DRAINS & DRAIN POTS:

1.20.1 All 11 Nos. of drain pots in CO Gas and BF Gas lines from main isolation/goggle valve to burner areas to be cleaned thoroughly, including pipes and bends. All the valves attached to the drain pots (gas or water) are to be serviced, bonnet gaskets & valve packing to be replaced, if required. Also the purging line valves and pipe lines to be serviced and made through.

1.20.02 Cleaning of inside BF Gas line at drum level and at 5M level completely by opening the manholes. CO gas line after manual isolation valve to be dismantled, pipe line inside to be cleaned. CO Gas line inspection and valve seals inspection to be carried out. After all jobs are over pressure testing to be carried out for detecting gas leakages from joints by soap solutions. Leakages to be rectified.

1.20.03 Drip pots over flow funnel pipes have to be made through. If required, pipe is to be replaced.

1.20.04 All the header drains of BFG & COG gas lines have to be made through.

1.21.1 REVISIONING OF GAS VALVES:

1.21.01 All the gas line valves below 350 NB to be dismantled in position. Thorough cleaning, greasing, packing replacement if required, seat checking and lapping to be done. Free movement of the valve with and without actuator to be ensured. Removal and putting back the actuators in position is a part of revisioning of valve. Defective actuators to be rectified. All actuators have to be serviced and defects to be rectified.

1.21.02 All the valves above 350 NB to be made free in position. Actuators to be delinked. Bushes, shafts, gland packing are to be removed and after making the valve free same to be put back. Rubber sealing rings are to be replaced if they are damaged. Actuator to be connected back and smooth operation with connected actuator to be ensured. Actuators to be serviced and defects to be rectified.

1.21.03 BFG Regulating & Control dampers have to be made free in position. If required they have to be taken out and made free. Approach to these dampers is to be made by cutting a

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piece from main line and after the completion of job the piece is to be welded back. Gland packing of all the dampers have to be replaced with new ones. For purpose of accounting both regulating and control dampers put together will be considered as one number of 600mm gas valve.

1.23.00 PAINTING OF SAFETY VALVES:

Painting of safety valves including supporting structure with Aluminum paint. Paint shall be supplied by VSP free of cost. The contractor has to make suitable scaffolding and take proper safety measures to do the work, as the work will be carried out at an elevation of about 53mtrs on the roof of the boiler.

1.24.00 REPLACEMENT OF FLOOR GRILLS:

Replacement of floor grills and fixing new grills at different levels of boilers as per the instruction of Engineer-In-Charge. The new grills are to be carried from VSP/TPP stores to the place of work by the Contractor and the old grills are to be carried and stored by the Contractor at a place shown by Engineer-In-Charge.

1.25.00 REPLACEMENT OF FEED WATER ISOLATION VALVES:

Boiler Feed Water isolation valve (250 NB) shall be replaced with new one, by cutting the existing valve as detailed below:

- 1.25.01 Transportation and lifting of the valve from stores to Site (16 M Header floor).
- 1.25.02 Removal of insulation from header pipes & valves.
- 1.25.03 Marking on the pipe.
- 1.25.04 Temporary anchoring structures for headers on both sides of the valve.
- 1.25.05 Cutting and removal of valve, edge preparation of pipe and lowering of damaged valve.
- 1.25.06 Servicing of the valve and changing of gland packing for new valve.
- 1.25.07 Grinding and reducing of valves ID to match with existing header pipe.
- 1.25.08 Erection of valves in position and anchoring properly by welding temporary supports.
- 1.25.09 Welding the joints (root run with TIG and subsequent runs by arc welding with proper IBR approved electrodes).
- 1.25.10 Radiography and Stress Relieving of joints.
- 1.25.11 Lowering the damaged valves and returning to Stores.
- 1.25.12 Removal of temporary supports and grinding the spots.
- 1.25.13 Re-insulation of pipe and valve.

2.01.00 REPAIR OF AIR PREHEATER HOT END BASKETS:

- 2.01.01 Removal of top door with insulation. Removal of all 120 nos. of baskets of hot (top) layer. Hot end baskets removed from Rotary Air pre-heater are to be shifted to a location shown by the Engineer-In-Charge.
- 2.01.02 Top (hot end) baskets are to be cleaned or replaced by spare/new baskets. They are

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to be cleaned with air/water jet before fixing. Transportation of spare/ new baskets from VSP/TPP Store to Air Pre-heater is in the scope of the contractor. In case any intermediate basket is to be removed, cleaned and put back or replaced with new one, as per the instruction of Engineer-in-charge, money will be paid at the same rate as hot end baskets.

2.01.03 Fixing back top door with insulation after replacement of hot end baskets is over. Each basket shall be considered as one number for the purpose of payment.

2.02.00 REPAIR OF AIR PREHEATER INTERMEDIATE BASKETS:

Cleaning of the intermediate baskets thoroughly with air /water jet in position (when hot end and cold end baskets are removed). Total number of intermediate baskets of one boiler shall be considered as one number for the purpose of payment.

2.03.00 REPAIR OF AIR PREHEATER COLD END BASKETS:

Removal of insulation and door plates for removing cold end baskets. Removal of cold end baskets and cleaning of the same with air/water jet as per the instructions of Engineer-In-Charge. After thorough cleaning the baskets have to be fixed back. Door plate and insulation is to be fixed back.

2.04.00 AIR HEATER BEARINGS AND SEALS REPAIRS:

2.04.01 Cleaning, inspection, removal of oil, checking the clearances, necessary adjustments, re-alignment of guide and support bearings, their oil pumps overhauling, cleaning of filters and coolers.

2.04.02 Inspection/servicing of coupling and gearbox and air motor of main drive. Necessary repair/replacement and alignment work to be carried out.

2.04.03 Inspection of Air Pre-heater rotor level and rectification, if required. Inspection and necessary repair or replacement of axial, radial & by pass seals and T-bars. Taking gap measurements of all axial, radial and by pass seals and necessary gap adjustments are to be carried out. Damaged T-bars and seals are to be replaced. Eroded bolts are to be replaced. General servicing of actuators also forms a part of the job.

2.04.04 Checking the pin rack assembly. Blue matching of pin rack assembly with gear box output gear teeth and necessary adjustment, if required.

2.04.05 Servicing of APH Soot Blower pipe, nozzles, drive mechanism and all connected valves of APH.

2.04.06 Cleaning of APH hoppers and any structural repairs.

2.05.00 DISMANTLING & CLEANING OF AIR HEATER BASKETS:

2.05.01 All the baskets removed from hot end layer, which are not to be put back, are to be shifted to a location shown by the Engineer-in-Charge.

2.05.02 The frame is to be cut at the welding joints without causing any damage to the frame. Before dismantling, the outside dimensions to be noted down.

2.05.03 The elements are to be taken out and cleaned such that the metallic surface is free of all deposits.

2.05.04 A Jig/Fixture is to be fabricated for the re-assembly of the basket.

2.05.05 The elements are to be put back in the basket. Using the fixture, frame to be welded so that the original dimensions of the basket are maintained.

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2.05.06 Spray coat each basket with a suitable preservative to be supplied by the department.

2.05.07 All the removed baskets are to be transported to the stores in TPP premises.

2.05.08 Straightening of any bent ribs/bars of the frame of the basket is in the scope of work.

2.06.00 REPLACEMENT OF GUIDE BEARING OR SUPPORT BEARING OF AIR PRE-HEATER:

Whenever during Annual overhauling, if the guide bearing or support bearing of Air Pre heater needs to be changed as desired by Engineer- In-charge, the same (either guide bearing or support bearing) has to be done. Any fixture/puller to be fabricated for the above work shall be done by the party. However special tools like jacks for supporting the air heater for removal of support bearing shall be supplied free of cost by VSP on returnable basis. The job includes draining of oil and refilling of oil after the completion of work. Any fabrication such as sealing rings, support plates shall form part of the job (materials required shall be supplied by VSP free of cost). The party has to follow the erection sequences as given by the manufacturer/M/s BHEL/VSP.

2.07.00 REPAIR OF JACTUATOR MECHANISM OF APH:

The jammed jactuators (4 Nos. per boiler) of air pre-heater have to be dismantled totally. If required, insulation to be removed and air pre-heater shell plate to be cut and jactuator spindle rod connecting the sector plate has to be removed and cleaned and put back. Plates which were cut for removal are to be welded back and re-insulation to be done. The jactuators should operate freely to the satisfaction of Engineer-in-charge.

4.04.00 FABRICATION OF BENDS:

Fabrication of bends from 250/200 NB MS pipe is required to replace the old/damaged bends. The job involves shifting, cutting of pipes and fabrication of bends from pipes supplied by VSP. Electrodes will be supplied by VSP free of cost. Supply of gas, cutting set and other tools, tackles shall be arranged by the contractor.

5.00.00 FIXING ON NON METALIC EXPANSION BELLOWS:

5.05.00 PA FAN DISCHARGE DUCT EXPANSION BELLOW:

Each boiler is having a metallic expansion joint of size 9620 X 5090 x 63 mm. This expansion bellow has to be super imposed by a non-metallic expansion bellow. The job includes cutting of insulation, fabrication of fixing frames, filling the gaps with insulating material and finally fixing the non-metallic expansion bellow. Preparation of scaffolding, if required, is within the scope of the party. Structural steel, expansion bellows, insulating material and all fasteners will be supplied by VSP free of cost.

5.06.00 ASSISTANCE FOR RLA STUDY:

Preparatory work like cleaning, removal of insulation material, arrangement of scaffolding/platforms, making provisions of tapping points for water/ compressed air etc. are to be carried out as per the instruction of Engineer-in-charge. Removal of tube samples identified

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for testing and replacement of the same are to be carried out. Arrangement for NDT /RT is to be done by the contractor.

6.00.00 FIXING OF METALLIC BELLOWS:

6.01.00 TUBULAR AIR HEATER OUTLET EXPANSION BELLOW:

Each boiler is having a metallic expansion joint of size 1712 X 8862 X 247 mm (Saw tooth expansion joint, Style-3) at the outlet of Tubular Air Pre-Heater. This expansion bellow has to be replaced by a new metallic expansion bellow. New metallic bellow is in the form of straight lengths of 5 Mtrs (approx.). The job involves removing damaged metallic bellow by gas cutting, fixing the new metallic expansion bellow starting from one end, cutting and fabricating the corners and welding the entire length of the bellow at the bottom and top ends. Insulating material should be stuffed inside the bellow before welding. Preparation of scaffolding, if required, is within the scope of the party. Expansion bellows, insulating material and all fasteners will be supplied by VSP free of cost.

6.02.00 ROTARY AIR HEATER INLET EXPANSION BELLOW:

Each boiler is having a metallic expansion joint of size 2912 X 8470 X 247 mm (Saw tooth expansion joint, Style-3) at the inlet of Rotary Air Pre-Heater. This expansion bellow has to be replaced by a new metallic expansion bellow. New metallic bellow is in the form of straight lengths of 5 Mtrs (approx.). The job involves removing damaged metallic bellow by gas cutting, fixing the new metallic expansion bellow starting from one end, cutting and fabricating the corners and welding the entire length of the bellow at the bottom and top ends. Insulating material should be stuffed inside the bellow before welding. Preparation of scaffolding, if required, is within the scope of the party. Expansion bellows, insulating material and all fasteners will be supplied by VSP free of cost.

6.03.00 ROTARY AIR HEATER OUTLET EXPANSION BELLOW:

Each boiler is having two numbers of metallic expansion joint, each of size 2662 X 4512 X 190 mm (Saw tooth expansion joint, Style-2) at the outlet of Rotary Air Pre-Heater. These expansion bellows have to be replaced by a new metallic expansion bellow. New metallic bellow is in the form of straight lengths of 5 Mtr (approx.). The job involves removing damaged metallic bellow by gas cutting, fixing the new metallic expansion bellow starting from one end, cutting and fabricating the corners and welding the entire length of the bellow at the bottom and top ends. Insulating material should be stuffed inside the bellow before welding. Preparation of scaffolding, if required, is within the scope of the party. Expansion bellows, insulating material and all fasteners will be supplied by VSP free of cost. Replacement of one bellow will be considered as one BOQ quantity.

6.04.00 ESP INLET EXPANSION BELLOW:

Each boiler is having four numbers of metallic expansion joints of size 654 X 2425 X 133 mm (Saw tooth expansion joint, Style-1) at the inlet of ESP. This expansion bellow has to be replaced by a new metallic expansion bellow. New metallic bellow is in the form of straight lengths of 5 Mtrs (approx.). The job involves removing damaged metallic bellow by gas cutting,

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fixing the new metallic expansion bellow starting from one end, cutting and fabricating the corners and welding the entire length of the bellow at the bottom and top ends. Insulating material should be stuffed inside the bellow before welding. Preparation of scaffolding, if required, is within the scope of the party. Expansion bellows, insulating material and all fasteners will be supplied by VSP free of cost. Replacement of one bellow will be considered as one BOQ quantity.

9.01.00 PRESSURE TEST OF BFG LINE:

Two 150 NB temporary pipe lines are to be connected to BFG header from PA Fan discharge header. One PA Fan has to be started and the BFG piping network is slowly pressurized. All the manhole doors have to be checked for air leak with soap solution. All other sensitive and leakage prone areas are to be checked for air leak with soap solution. Any leakage observed during test is to be arrested either by tightening/replacing manhole door gasket or by welding the pipe line as the case may be. After test the temporary pipe lines to be removed and plates to be welded to blank the hole. DP test is to be carried out for identifying any welding defect. Chemical for DP test will be supplied by VSP.

9.02.00 REPLACEMENT OF BF GAS PIPE LINE CORNER BELLOW:

New bellow is to be lifted up to 13 Mtr elevation. Damaged bellow is to be cut at both ends by gas cutting and removed from position. New bellow is to be positioned at place keeping the bellow in locked condition. Welding is to be done at both ends of the bellow. Locking is to be cut and removed. DP test is to be carried out at the both end joints for identifying any welding defect. Chemical for DP test will be supplied by VSP. Old removed bellow is to be brought down to ground level and shifted to scrap yard as per instruction of Engineer-in-Charge.

9.03.00 REPLACEMENT OF CO GAS PIPE LINE CORNER BELLOW:

New bellow is to be lifted up to the required elevation. Damaged bellow is to be removed from position. New bellow is to be positioned at place. Both flanges are to be tightened by placing new gaskets. Old removed bellow is to be brought down to ground level and shifted to scrap yard as per instruction of Engineer-in-Charge.

9.04.00 ERECTION OF SCAFFOLDING IN BOILER AND ITS AUXILIARY EQUIPMENT:

Scaffolding erection is to be done on any one or all four sides of the furnace inside the first pass of Boiler, outside boiler in areas like ring header, flue gas duct, noise hoods of PA & FD Fans, etc. with scaffolding pipes, clamps and wooden planks. Provision is to be made to go near the place of work. Scaffolding pipes, clamps and wooden planks will be supplied by VSP free of cost. Shifting these material from their place of storage/ VSP store to the boiler is in the scope of the contractor. Scaffolding is to be erected up to a height required for approaching the place of work as per the instructions of Engineer-in-Charge. Cleaning of identified places as directed by the Engineer-in-charge is to be done with water/air. Scaffolding to be removed after completion of job. Removed scaffolding pipes, clamps and wooden planks are to be shifted

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back to the place from where they were taken or to any other place as directed by the Engineer-in-charge. Erection and removal of scaffolding has to be done round the clock. Payment will be made as per the area of scaffolding erected (width X height) in Square Metres.

10 PENT HOUSE REPAR:

- a) Cutting the skin casing plate.
- b) Breaking the refractories.
- c) Cleaning the surface.
- d) Checking the fins.
- e) Welding the fins.
- f) Applying the refractory.
- g) Welding the skin casing.

11 PA FAN IGV SERVICING:

- a) PA Fan IGV is to be made free and smooth operation is to be ensured to the satisfaction of Engineer-In-Charge.
- b) Individual Vanes are to be removed and made free.
- c) Damaged Vanes and accessories are to be replaced. Vanes will be issued free by VSP.

12 FD FAN IGV SERVICING:

- a) FD Fan IGV is to be made free and smooth operation is to be ensured to the satisfaction of Engineer-In-Charge.
- b) Individual Vanes are to be removed and made free.
- c) Damaged Vanes and accessories are to be replaced. Vanes will be issued free by VSP.

13 CASSETTE BAFFLES REPAIR:

- a) Damaged Cassette Baffles are to be removed.
- b) These Cassette Baffles are to be repaired and put back in position to the satisfaction of Engineer-in-Charge.

14 250 NB COG CORNER LINES REPLACEMENT:

- a) The damaged pipe is to be replaced with new MS pipe.
- b) If required, the agency has to cut the MS pipe to the required length.
- c) The replacement of the damaged pipe shall be done by agency without causing damage/disturbance to the adjacent pipe lines

15 REFRACTORY REPAIR:

- a) Refractory has to be applied at various places as per site requirement and instructions of Engineer-in-Charge.

16 ID FAN DISMANTLING AND ASSEMBLY:

- a) Cleaning of casings, ID Fan platform and cutting the wool
- b) Opening of casing bolts.
- c) Cutting of outlet duct and seals in both sides of casing.
- d) Taking out impeller assembly.
- e) Dismantling of old impeller assembly.

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- f) Repairing the casing.
- g) Assembling of new impeller assembly.
- h) Positioning the impeller assembly.
- i) Positioning of casing.
- j) Bolting the casing.
- k) Changing the discharge side bellow.
- l) Alignment and coupling.

17 PA FAN IMPELLER OR SHAFT REPLACEMENT:

- a) Decoupling and casing dismantling
- b) Removal of casing
- c) Removal of impeller
- d) Dismantling of impeller
- e) Assembly of impeller with a new shaft
- f) Repair of casing
- g) Positioning of impeller
- h) Positioning and fixing of impeller & coupling
- i) PA Fan box up and balancing
- j) Individual Vanes are to be removed and made free.

18 FD FAN SHAFT OR IMPELLER REPLACEMENT:

- a) Removal of casing top cover and decoupling.
- b) Removal of Non -Drive End housing, Drive End Plummer block and coupling half.
- c) Dismantling of impeller, taking out the shaft & dismantling of the bearing.
- d) Positioning the shaft and fixing the impeller
- e) Fixing the housing & coupling half.
- f) Fixing of casing top cover & coupling

19 DEPLOYMENT OF UN-SKILLED MANPOWER FOR MISCELLANEOUS AND UNENVISAGED MAINTENANCE JOBS DURING ANNUAL OVERHAULING PERIOD OF BOILER PRESSURE PARTS :

- a) To carry out miscellaneous and unenvsaged maintenance jobs, contractor must be able to deploy un-skilled manpower as per the site requirement on round the clock basis. Payment shall be made as per actual man days of un-skilled manpower deployed.
- b) The job is to be executed during the Annual overhauling period of boiler pressure parts as and when required.

20 DEPLOYMENT OF SEMI-SKILLED MANPOWER FOR MISCELLANEOUS AND UNENVISAGED MAINTENANCE JOBS DURING ANNUAL OVERHAULING PERIOD OF BOILER PRESSURE PARTS:

- a) To carry out miscellaneous and unenvsaged maintenance jobs, contractor must be able to deploy semi-skilled manpower as per the site requirement on round the clock basis. Payment shall be made as per actual man days of semi-skilled manpower deployed.
- b) The job is to be executed during the Annual overhauling period of boiler pressure parts as and when required.

21 DEPLOYMENT OF SKILLED MANPOWER FOR MISCELLANEOUS AND UNENVISAGED MAINTENANCE JOBS DURING ANNUAL OVERHAULING PERIOD OF BOILER PRESSURE PARTS:

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- a) To carry out miscellaneous and unenvisaged maintenance jobs, contractor must be able to deploy skilled manpower as per the site requirement on round the clock basis. Payment shall be made as per actual man days of skilled manpower deployed.
- b) The job is to be executed during the Annual overhauling period of boiler pressure parts as and when required.

22 REPLACEMENT OF METALLIC BELLOW IN PA DUCTS OF BOWL MILLS DURING ANNUAL OVERHAULING:

Making of scaffolding and platform for approach to the bellow. Scaffolding pipes will be supplied by VSP free of cost on returnable basis. Cutting of bellow. Agency has to collect new bellows and other materials from VSP store and transport them to site. New bellow is to be fabricated and fixed in position. The bellow is to be welded. Leakages to be checked after running PA Fans. Scaffolding and platforms are to be removed. All the old removed bellows and other scraps are to be transported and disposed at a suitable location as per the instruction of Engineer-in-Charge.

TERMS AND CONDITIONS

WORK DESC: ANNUAL OVERHAULING OF BOILER PRESSURE PARTS

1. Contractor must visit the site; understand fully the scope/extent of work, ways and means including handling equipment, tools and tackles, man-power required for doing the job before quoting.
2. The contractor has to make temporary platforms/scaffoldings wherever necessary for carrying out the above job, and the same has to be removed after the completion of job. The contractor has to bring following items for executing the contract.
 - a) Welding machines.
 - b) LPG & Oxygen cutting sets.
 - c) All tools and tackles including slugging spanners except special purpose tools and tackles.
 - d) All safety appliances.
 - e) Grinding machines, drilling machines and grinding wheels, cutters, drill bits.
 - f) All material handling equipment such as chain pulleys, max-pullers, shovels, gammelas, crow bars, etc.
 - g) Hacksaw frames with blades.
3. The following facilities shall be provided by VSP:
 - a) Scaffolding pipes and clamps on returnable basis.
 - b) Special purpose tools & tackles, if required, on returnable basis.

The party has to collect all these materials from TPP/VSP stores, transport them to the site and return them back to stores after work.
4. Electrical supply shall be given to a switch board to be arranged by the party. Separate individual connections to various equipment are to be drawn by a qualified electrician of the party. The contractor has to use all standard electrical fittings duly earthed.
5. Flood lights/hand lamps required shall have to be arranged by the party. Only 24V Hand Lamps to be used.
6. The contractor has to follow VSP safety rules while executing the job. Safety clearance has to be taken by the contractor from VSP safety department before starting the job. The workmen engaged by the contractor should have height passes issued by Safety Department for the work.
7. No workman will be allowed to work without wearing safety helmet and shoes.
8. The party has to remove all the scrap in the area, shift to a place shown by the Engineer-in-Charge and the work area is to be cleaned after the completion of the job.
9. Any job which is not included in the scope of work, is minor in nature and is inherent part of the job shall be executed by the contractor free of cost.
10. During the course of contract if the contractor is allowed to erect any temporary shed for storing his materials the same has to be dismantled and the area is to be cleaned completely before submitting his final bill.
11. At any time during the course of Annual overhauling, work should not get affected due to lack of manpower or tools & tackles.

TERMS AND CONDITIONS

WORK DESC: ANNUAL OVERHAULING OF BOILER PRESSURE PARTS

12. The party should be in a position to start the work on telephonic information.
13. The party has to take Work authorization / permit to work from Engineer-In-Charge before starting the job and the same has to be returned immediately after the completion of job. However, for jobs inside closed areas/ confined spaces, the work permit has to be taken/ returned from the concerned Engineer on day-to-day basis.
14. The Annual overhauling jobs of boilers have to be carried out on round the clock basis.
15. Each boiler Annual overhauling has to be completed within 25 days from the date of issuing work permit or as per the time schedule given before the start of each Annual overhauling. Contractor has to complete the job in all respects so that the statutory authority clears the boiler after dry inspection and hydraulic test without any problem.
16. After work permit is issued for starting the job it is the duty of the contractor to make arrangements to guard all the equipment related to contractor's area of work till the boiler is lighted up. If any brass, copper, cable, etc. items are stolen during the period of Annual overhauling the same has to be replaced by the contractor free of cost before lighting up the boiler.
17. A defect liability period of three (3) months from the date of completion of work shall be considered for this contract. If any defective work is observed during the defect liability period the contractor shall rectify the defective work at his own cost immediately after receiving information from the Engineer-in-charge.
18. The contractor should have a valid Boiler repair license of Category-I issued by Directorate of Boilers, AP Government for carrying out Boiler repairs, throughout the contract period.
19. The Contractor will station a technically competent person as Site Manager/ Engineer who will be responsible for timely and satisfactory completion of the work.
20. The scope of material and consumable supply in the present proposal are as follows:
 - a) Material to be supplied by VSP: Spares, valves, boiler tubes, structural steel, SS plate, paint, air heater baskets.
 - b) Consumable to be supplied by VSP: LPG, Oxygen and Argon gas, MS/SS/Hard facing electrodes, oil, grease, gaskets.
 - c) Material to be supplied by Contractor: Nil.
 - d) Consumables to be supplied by Contractor: Special electrodes, filler rods for HP welding, cleaning agents such as rustolene, marking cloths, cotton waste.
21. Engineer-in-charge for the job shall be GM (Mech.).
22. The contract is valid for twelve (12) months from the date of start mentioned in the work order.

TERMS AND CONDITIONS

WORK DESC: ANNUAL OVERHAULING OF BOILER PRESSURE PARTS

23. The contractor shall ensure usage of ISI marked regulators, hoses, nozzles, cutting torches, welding holders and cables for the cutting and welding works. This must be adhered to strictly.
24. Welfare Allowance: SMA and ASMA are applicable for this contract.

Additional Special Conditions of Contract

1. Each Annual overhauling of Pressure Parts of one TPP Boiler has to be completed generally within 25 days from the date of issuing work permit or as per the time schedule given by the Engineer-in-Charge before the start of each Annual overhauling. The job is envisaged to be executed in five (5) Boilers in a staggered manner in the contract period of 12 months.
2. For delayed completion of Annual overhauling of Pressure Parts in a Boiler for reasons solely attributable to agency, penalty of Rs. 28,258/- per each day of delay, will be levied subject to a maximum penalty of Rs. 2,82,580 per Annual overhauling of each Boiler.
3. This penalty, applicable as above, will be levied in place of Liquidated Damages (LD) as per Clause 9.7 of VSP GCC and limited to a maximum amount of Rs.2, 82,580/- during Annual overhauling of Pressure Parts in each Boiler.



RAHSTRIYA ISPAT NIGAM LIMITED
VISAKHAPATNAM STEEL PLANT
VISAKHAPATNAM - 530031

BILL OF QUANTITIES / PRICE SCHEDULE

PR No / Date: 73005766 / 04.06.2020	Report Date : 04.06.2020
Pur . Org.: WORKS CONTRACTS	
MSS: 5050620001 : ANNUAL OVERHAULING OF BOILER PRESSURE PA	
ANNUAL OVERHAULING OF BOILER PRESSURE PA	

The BOQ Items are taken as per the following Rates.						
	Central Rates	VSP Rates				
Skilled	666.000	1,083.550				
Semi Skilled	569.000	939.700				
Unskilled	503.000	832.900				
Sl.No	Service Number	Description of the item	Qty	UOM	Rate	Amount
1	510003134	ERECTION OF SCAFFOLDING/SKY CLIMBER AND CLEANING OF PR.PARTS AS PER SCOPE OF WORK 1.01.00 TO 1.01.11	5.000	EA	298,394.71	1,491,973.55
2	510003135	REPLACEMENT OF FURNACE PEEP HOLE DOORS AS PER SCOPE OF WORK S.NO.1.02.00	25.000	EA	907.20	22,680.00
3	510003136	REPLACEMENT OF BOILER PRESSURE PARTS AS PER SCOPE OF WORK S.NO 1.03.01 TO 1.03.07 REPLACEMENT OF WATER WALL TUBES OF 63.5X4.8 SHALL BE TAKEN AS AN EQUIVALENT JOINT FOR THE PURPOSE OF CALCULATION OF OTHER JOINTS	1,200.000	EA	2,110.68	2,532,816.00
4	720000010	RADIOGRAPHIC TEST OF OLD WELDED JOINTS AS PER SL.NO 1.05.00 OF SCOPE OF WORK	300.000	EA	432.23	129,669.00
5	510003138	SERVICING OF FO STATION AS PER 1.06.01 TO 1.06.02 OF S.O.W.	5.000	EA	40,739.54	203,697.70
6	510003187	STRUCTURAL REPAIR AS PER SL.NO.1.07.00 OF SCOPE OF WORK.	20.000	TO	11,556.68	231,133.60
7	510003140	SERVICING OF DRUM INTERNALS AND SAMPLE COOLERS AS PER 1.08.01 TO 1.08.02 OF SCOPE OF WORK	5.000	EA	28,477.01	142,385.05
8	510003144	SAFETY VALVE SERVICING AND FLOATING AS PER 1.11.00 SCOPE OF WORK	25.000	EA	6,168.82	154,220.50
9	510003145	OVERHAULING OF DAMPERS AND GATES AS PER 1.12.01 TO 1.12.10 OF SCOPE OF WORK	5.000	EA	175,619.65	878,098.25
10	510003188	REPAIR OF DUCTS AND EXPANSION JOINTS,AS PER SCOPE OF WORK 1.13.01 TO 1.13.04	5.000	EA	11,361.51	56,807.55
11	510003147	MINOR REPAIR OF BURNERS FROM INSIDE THE FURNACE AS PER SCOPE OF WORK 1.14.01 TO 1.14.02	5.000	EA	35,598.72	177,993.60
12	510003189	MAJOR REPAIR/ REPLACEMENT / AND FIXING BACK COAL/GAS BURNER AS PER 1.15.00 OF SCOPE OF WORK	150.000	EA	3,171.70	475,755.00
13	510003149	REPAIR OF COAL PIPE BENDS,HARD FACING AND FIXING BACK AS PER SCOPE OF WORK 1.16.00	150.000	EA	1,998.65	299,797.50
14	510003150	REPAIR OF OIL GUNS & IGNITORS AS PER 1.17.01 TO 1.17.02 OF S.O.W	60.000	EA	1,454.42	87,265.20
15	510003190	REPLACEMENT OF CAST STEEL PF PIPES AS PER SCOPE OF WORK 1.18.01 TO 1.18.03 UPTO A LENGTH OF 2 METRES	80.000	EA	3,852.93	308,234.40
16	510003191	REPLACEMENT OF CAST STEEL PF PIPES AS PER SCOPE OF WORK 1.18.01 TO 1.18.03 LENGTH BETWEEN 2 TO 4 METRES	15.000	EA	5,093.75	76,406.25



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Sl.No	Service Number	Description of the item	Qty	UOM	Rate	Amount
17	510003193	REPLACEMENT OF WELDED PF BENDS AS PER SCOPE OF WORK 1.19.01 TO 1.19.03 90° LONG RADIOUS ELBOWS.	20.000	EA	7,521.24	150,424.80
18	510003194	REPLACEMENT OF WELDED PF BENDS AS PER SCOPE OF WORK 1.19.01 TO 1.19.03 OTHER THAN 90°# LONG RAD.ELBO	20.000	EA	6,267.47	125,349.40
19	510003155	INSPECTION/CLEANING OF CO GAS & BF GAS LINES AND CLEANING OF DRAIN POTS AS PER S.NO 1.20.01 TO 1.20.04 OF SCOPE OF WORK	5.000	EA	35,658.98	178,294.90
20	510003156	REVISIONING OF GAS VALVES AS PER 1.21.01 TO 1.21.03 OF SCOPE OF WORK A) SIZE 800-1000 MM	50.000	EA	3,559.24	177,962.00
21	510003157	REVISIONING OF GAS VALVES AS PER 1.21.01 TO 1.21.03 OF SCOPE OF WORK B) SIZE 100-350 MM	220.000	EA	1,273.06	280,073.20
22	510003158	REVISIONING OF GAS VALVES AS PER 1.21.01 TO 1.21.03 OF SCOPE OF WORK C) SIZE 1000-1800 MM	20.000	EA	3,559.24	71,184.80
23	510003159	REVISIONING OF GAS VALVES AS PER 1.21.01 TO 1.21.03 OF SCOPE OF WORK D) SIZE 350-600 MM	20.000	EA	2,174.14	43,482.80
24	510003160	REVISIONING OF GAS VALVES AS PER 1.21.01 TO 1.21.03 OF SCOPE OF WORK E) SIZE UP TO 50 MM	20.000	EA	257.02	5,140.40
25	510003192	REPLACEMENT OF CAST STEEL PF PIPES AS PER SOW 1.18.01 TO 1.18.03,LENGTH ABOVE 4MTRS	15.000	EA	6,267.47	94,012.05
26	510003162	PAINTING OF SAFETY VALVES AS PER SCOPE OF WORK S.NO 1.23.00	35.000	EA	2,184.82	76,468.70
27	510003163	REPLACEMENT OF FLOOR GRILLS AS PER S.NO.1.24.00 SCOPE OF WORK	600.000	M2	362.69	217,614.00
28	510003164	REPLACEMENT OF FEED WATER ISOLATION V/V NB 250 IN HEADER FLOOR AS PER SOW 1.25.01 TO 1.25.13	1.000	EA	112,807.76	112,807.76
29	510003195	REMOVAL,REPAIR/ REPLACEMENT & FIXING BACK OF APH HOT END BASKETS AS PER S.NO 2.01.01 TO 2.01.03 OF SCOPE OF WORK	480.000	EA	748.84	359,443.20
30	510003196	CLEANING/REPAIR OF INTERMEDIATE BASKETS AS PER S.NO 2.02.00 OF SCOPE OF WORK	3.000	EA	10,114.94	30,344.82
31	510003197	REMOVAL,REPAIR,CLEANING & FIXING BACK OF COLD END BASKETS AS 2.23.00 OF SCOPE OF WORK.	336.000	EA	521.43	175,200.48
32	510003198	REPAIR OF APH BEARINGS,SEALS ETC AS PER S.NO 2.04.01 TO 2.04.06 OF SCOPE OF WORK	5.000	EA	26,123.61	130,618.05
33	510003199	DISMANTLING,CLEANING,REASSEMBLY & shfING OF APH BASKETS AS PER S.NO 2.05.01 TO 2.05.08 OF S.O.W.	90.000	EA	981.89	88,370.10
34	510003169	REPLACEMENT OF GUIDE OR SUPPORT BEARING OF AIR PRE HEATER AS PER S.NO 2.06.00 OF SOW	2.000	EA	56,757.53	113,515.06
35	510003170	REPAIR OF JACTUATOR MECHANISM OF AIR PRE HEATER AS PER S.NO.2.07.00 OF SOW	5.000	EA	10,184.77	50,923.85
36	510003204	FIXING OF NON METALIC EXPANSION BELLOW AT PA FAN OUTLET DUCT AS PER SOW S.NO 5.05.00	2.000	EA	155,809.76	311,619.52
37	510003205	FABRICATION OF BENDS AS PER SOW SL.NO.	40.000	EA	2,510.66	100,426.40
38	510003206	ASSISTANCE FOR RLA STUDY AS PER SOW S.NO.5.06.00	2.000	LS	128,799.28	257,598.56
39	510006269	FIXING OF METALLIC EXPANSION BELLOW AT TUBULAR AIR HEATER OUTLET AS PER SOW S. NO 6.01.00.	3.000	EA	82,596.13	247,788.39



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BILL OF QUANTITIES / PRICE SCHEDULE

Sl.No	Service Number	Description of the item	Qty	UOM	Rate	Amount
40	510006270	FIXING OF METALLIC EXPANSION BELLOW AT ROTARY AIR HEATER INLET AS PER SOW S. NO 6.02.00.	2.000	EA	94,012.18	188,024.36
41	510006271	FIXING OF METALLIC EXPANSION BELLOW AT ROTARY AIR HEATER OUTLET AS PER SOW S. NO 6.03.00.	2.000	EA	78,620.57	157,241.14
42	510006272	FIXING OF METALLIC EXPANSION BELLOW AT ESP INLET AS PER SOW S. NO 6.04.00.	8.000	EA	61,009.17	488,073.36
43	510007874	Pressure test of BFG line	5.000	LS	12,198.50	60,992.50
44	510007875	Replacement of BF Gas pipe line corner bellow	10.000	EA	21,009.82	210,098.20
45	510007876	Replacement of CO Gas pipe line corner bellow	10.000	EA	3,883.81	38,838.10
46	510007877	Erection of scaffolding in Boiler and its auxiliary equipment	250.000	M2	317.39	79,347.50
47	510009975	250 NB COG CORNER LINES REPLACEMENT	300.000	M	1,091.73	327,519.00
48	510009976	REFRACTORY REPAIR	25.000	TO	2,385.98	59,649.50
49	510009974	CASSETTE BAFFLES REPAIR	500.000	NO	1,477.39	738,695.00
50	510009972	PA FAN IGV SERVICING	5.000	NO	18,614.95	93,074.75
51	510009973	"FD FAN IGV SERVICING#"	5.000	NO	21,157.55	105,787.75
52	510009971	PENT HOUSE REPAR	5.000	NO	18,006.85	90,034.25
53	510009977	ID FAN DISMANTLING AND ASSEMBLY	1.000	NO	122,029.80	122,029.80
54	510009978	PA FAN IMPELLER OR SHAFT REPLACEMENT	1.000	NO	45,050.75	45,050.75
55	510009979	FD FAN SHAFT OR IMPELLER REPLACEMENT	1.000	NO	29,243.70	29,243.70
56	510009980	DEPLOYMENT OF UN-SKILLED MANPOWER FOR MISCELLANEOUS AND UNENVISAGED MAINTENANCE JOBS DURING CAPITAL REPAIR PERIOD OF BOILER PRESSURE PARTS	200.000	MDY	832.90	166,580.00
57	510009981	DEPLOYMENT OF SEMI-SKILLED MANPOWER FOR MISCELLANEOUS AND UNENVISAGED MAINTENANCE JOBS DURING CAPITAL REPAIR PERIOD OF BOILER PRESSURE PARTS	150.000	MDY	939.70	140,955.00
58	510009982	DEPLOYMENT OF SKILLED MANPOWER FOR MISCELLANEOUS AND UNENVISAGED MAINTENANCE JOBS DURING CAPITAL REPAIR PERIOD OF BOILER PRESSURE PARTS	100.000	MDY	1,083.55	108,355.00
59	510009983	Replacement of metallic bellow in PA ducts of Bowl Mills during capital repairs.	10.000	NO	21,194.60	211,946.00
Total Value: In words : one crore forty one lakh twenty nine thousand one hundred thirty two rupees five paise						14,129,132.05

Lower limit of estimated value: 12,030,556.81(one crore twenty lakh thirty thousand five hundred fifty six rupees eighty one paise)

(Please refer to clause no. 45 of SCC to Tender)

[Note: Bid will be rejected in case Bidder indicates his quoted price here]

Signature of the Tendere

QUESTIONNAIRE

Work Description. : Annual overhauling of Boiler Pressure Parts.

Sl. No.	Condition Description	Agency's response
1.	Do you have experience in successfully executing capital repairs or erection & commissioning of high pressure boilers of capacity not less than 220 T/hr & pressure not less than 60 Kg/Sq.cm? ? If the answer is yes, please enclose Copies of Work Order and successful Work Completion Certificate.	Yes/No
2	I) If the qualifying work order submitted by the agency in support of PQC was issued to agency as sub-contract by another contractor who were awarded the job by principal employer, then please specify a) Whether certification of work completion with reference to qualifying work order issued by principal employer to contractor and contractor to the agency was submitted as a link up and proof for eligibility or b) Certification for work completion issued by principal employer to the agency was submitted as a link up and proof for eligibility? II) In case the agency executed the qualifying work order as a sub contract to M/s BHEL, then certification of work completion from M/s BHEL is enough for eligibility purpose.	Yes/No/NA
3	Do you have experience in servicing of boiler drum internals? If the answer is yes, please enclose Copies of either PQC Qualifying Work Order or any other relevant Work Order and successful Work Completion Certificate of the same	Yes/No
4	Do you have experience in revisioning / servicing of high pressure valves of boilers? If the answer is yes, please enclose Copies of either PQC Qualifying Work Order or any other relevant Work Order and successful Work Completion Certificate of the same	Yes/No
5	Do you have experience in servicing and floating of safety valves of boilers? If the answer is yes, please enclose Copies of either PQC Qualifying Work Order or any other relevant Work Order and successful Work Completion Certificate of the same	Yes/No
6	Confirm, whether you have experienced IBR certified welders in your roll. Alternately can you arrange such welders whenever required?	Yes/No

Note:

1. All the conditions are fatal. Negative response to any one of these questions will make the offer liable for rejection.

SPECIAL CONDITIONS OF CONTRACT

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

10.
 - a) Total amount quoted shall be inclusive of all taxes, levies, duties, royalties, overheads and the like but excluding GST prevailing as on the date of submission of bids.
 - b) During the operation of the contract if any new taxes/duties/levies etc are imposed or rates undergo changes, as notified by the Government and become applicable to the subject works, the same shall be reimbursed by VSP on production of documentary evidence in respect of the payment of the same. Similarly benefits accruing to agency on account of withdrawal/reduction in any existing taxes and duties shall be passed on to VSP.
 - c) Supplier of Services / Goods shall comply with the GST provision as prescribed. In case of failure to comply with the GST provision by the Supplier thereby RINL could not obtain GST-ITC or ITC is reversed with interest at a later date the equivalent amount of ITC lost including interest paid, if any, to GST Authorities shall be recovered from the immediate payment due to the supplier of service.
 - d) The prices are exclusive of GST. RINL-VSP will pay GST as applicable on submission of Tax Invoices in accordance with Rule 46 of GST Rule 2017.
The contractor will be paid GST by RINL-VSP along with monthly RA bills. The contractor will, in turn, submit the documentary evidence in support of payment of GST of each month along with subsequent month RA Bills.
The Supplier/Contractor shall upload the details of Invoices issued by him in the monthly return (GSTR-1) of the month in which Tax Invoices are raised to enable RINL to claim Input Tax Credit under GST. Otherwise, Payment of GST will not be made.
11. **ADVANCE:** No advance of any sort will be given by VSP.
12. **PAYMENT TERMS:** Payment will be made monthly on recommendations of the Engineer basing on the quantities executed, at accepted rates.
13. **MEASUREMENTS:** The contractor shall take measurements jointly with the Engineer or his representative and keep joint records for the same. Bills shall be prepared and submitted by the contractor basing on agreed measurements.
14. **INITIAL SECURITY DEPOSIT (ISD):** Initial Security Deposit for the work shall be @ 2% of contract price. Earnest Money Deposited by the successful tenderer shall be adjusted against ISD, and the difference between ISD and EMD shall be deposited in the manner mentioned in the work order/letter of intent.
15. **RETENTION MONEY:** Retention Money for contracts up to a value of Rs. 100 lakhs, at the rate of 7.5% of the bills for works with defective liability period *not NIL* and at the rate of 5.0% for works with defective liability period *"NIL"* will be deducted from each bill until this amount together with the Initial Security Deposit reach the limit of retention which is 7.5% or 5.0% as the case may be for the value of work. The Retention Money shall be released after the satisfactory completion of defect liability period after liquidating the defects. For contracts of value above Rs.100 Lakhs, the limit of retention money shall be Rs.7.5 lakhs plus 5% of the value exceeding Rs.100 lakhs.
16. **Security Deposit:** : The Public Sector Enterprises or State/Central Government Undertakings/ MSEs shall be required to submit a "Performance Guarantee Bond" of requisite value in the prescribed proforma in lieu of Security Deposit covering the period of contract + defect liability period + 6 months (Claim period). It may be noted that waiver of Security Deposit is permitted only up to the monetary limit as specified in the proof of enlistment for which the unit is registered for MSEs.
17. **Recovery of income tax at source** will be made from contractor's bill and deposited with Income Tax Department as per rules. Recovery of sales tax applicable shall be made from the contractor's bills.
18. **SAFETY:**
 - a) The contractor and his workers must strictly take all safety precautions and shall supply to his workers dependable safety appliances like hand gloves, safety boots, safety belt, safety helmets, duster cloth, dust mask/nosril 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, donnage;
- (17) Drunk & driving;
- (18) Non availability o reverse horn of moving equipment;
- (19) Using hydra for material transportation on roads;
- (20) Marching of hydra without signal man & red flags;
- (21) Using trucks for transportation of persons.

I. PERMITS:

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

J. GENERAL:

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

K. STATUTORY RECORDS:

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

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

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

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

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

Penalty amount: Rs.20,000/- - For Works / Non-Works
Penalty amount: Rs.40,000/- - For Projects

HEIGHT:

- (1) Using bamboo / or other non-standard material for scaffolding
- (2) Railing not given at platforms or opening of floor
- (3) Scaffolding planks not tied

- (4) Throwing / dropping of material from height
- (5) Proper ladder / approach not given for working at height
- (6) Full body harness (FBH) not wearing
- (7) Lifeline of FBH not anchoring
- (8) Floor opening left unguarded in the area of work
- (9) Working at roof without daily permit
- (10) Walkway / cross over path not provided

EXCAVATION:

- (1) No barricading of excavated pits

ELECTRICAL:

- (1) Unauthorized working on electrical equipment

VEHICLE:

- (1) Sleeping under truck

ARC WELDING:

- (1) Welding screen not used

GENERAL:

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

V. Fatal Accidents / Permanent disability

Penalty amount: 20% of contract value subjected to Min. Rs.1.00 lakh and Max. Rs.5.00 lakhs or banning of business dealing or both. – For Works / Non-Works

Penalty amount: 10% of contract value subjected to Min. Rs.5.00 lakhs and Max. Rs.10.00 lakhs or banning of business dealing or both. – For Projects

Note:

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

AUTHORITY FOR IMPOSING PENALTIES:

- 1) Penalty for violations falling under the Categories (I), (II) & (III) will be imposed by Engineer Incharge based on the findings by the designated officer of SED / Departmental Safety Officer / Zonal / Project Safety Officer / Operating Authority, a copy of the penalty imposition .
 - 2) Penalty to the violations falling under the Categories (IV) & (V) will be imposed by the Engineer Incharge, based on the recommendation of Head of SED in consultation with the Head of Operating Department.
 - 3) The penalty amount shall be recoverable from any bill and / or EMD / SD of the contractor without any further reference to him.
 - 4) For violations falling under the Category (V), besides penalty action for banning of business dealings with the contractor will be initiated, if recommended by the committee for enquiring into fatal cases.
 - h) "The contractor shall ensure that the Welders and Gas Cutters wear cotton dress and leather apron. They shall not wear nylon/synthetic dress. This is required to avoid any fire accident. This must be followed strictly".
- 19. SHUTDOWNS:**
- A) Necessary shutdowns will be arranged by VSP to the contractor for carrying out the work based on requirement. No claims on account of delayed/prolonged shutdown will be entertained.
 - B) The works assigned to the contractor by the Engineer from time to time shall be completed within the time schedule fixed by the Engineer in each case, within the approved shut down period.
- 20. LABOUR DEPLOYMENT:**
- A) The contractor shall deploy his labour as per requirement and as instructed by the Engineer. It may be necessary to carryout the work round the clock based on requirement and shutdown provided. The contractor's rate shall cover such eventualities.
 - B) Only trained, experienced, safety inducted workers acceptable to the Engineer shall be engaged on this work, work shall be executed as per specifications to the satisfaction of the Engineer.
 - C) As and when need arises in the Annual works from time to time either for extra requirement of work or as a replacement in running contracts or a contract commencing for the first time, the contractor shall ensure that Displaced Persons (DPs) are engaged in unskilled category of workers to the extent of 50% (fifty percent). The contractor shall contract the Engineer-in-charge for this purpose.
 - D) "As and when need arises in the annual works from time to time either for extra requirement of work or as a replacement in running contracts or a contract commencing for the first time in semi-skilled category, the contractor shall ensure the minimum qualification of ITI in the relevant field for such semi-skilled category of workers. The contractor will also ensure to engage 50% (Fifty percent) of such semi-skilled vacancies from Displaced Persons (DPs) category. The contractor shall contact the Engineer-in-charge (EIC) for this purpose".
 - E) The Contractor shall engage contract worker(s) who do not have any adverse record with respect to his character in the past. For this purpose, the character and antecedents of the proposed worker(s) whom the Contractor intended to engage, shall be got verified by the Police and report shall be submitted. Till such time the report is submitted, the proposed contract worker(s) will be given only provisional pass and the pass will be cancelled in case any adverse report is reported.
- 21. SECURITY REGULATIONS:** The contractor shall abide by and also observe all security regulations promulgated from time to time by the employer.
- 22. STORING/STACKING OF MATERIALS:** Storing/Stacking/Placing of materials shall be only at the places designated by the engineer.
- 23.** The contractor, his supervisors and workmen shall observe entry and exit timings strictly.
- 24.** After completion of work activity, the site has to be cleared of all debris, construction material and the like.

25. The successful tenderer shall start the work immediately after obtaining gate passes and safety induction training and clearance from the Employer.
26. **NOTICES:** Any notice to be given to the contractor under terms of the contract shall be considered duly served, if the same has been delivered to, left for or posted by registered post to the contractors principal place of business (or in the event of the contractor being a company, its registered office), at the site or to their last known address.
27. **DEFAULT BY TENDERERS:** The successful tenderer may be debarred at the discretion of the company, from issue of further tender documents, work orders etc., for a specified period to be decided by the employer in case of :
 “Undue delay in starting and execution of work awarded, poor performance, backing out from the tender, non accepting work order/LOI during the validity of tender or non observance of safety rules and regulations, misappropriation of company’s materials/property, non payment of due wages to labour or such similar defaults”.
28. Successful tenderer should be in a position to produce the Original Certificate in support of the attested copies of relevant documents enclosed along with pre-qualification documents or afterwards, after opening of the Price Bids.
29. Failure to produce the original certificates at this stage in support of the attested copies of PF Registration/ITCC/Electrical License/Experience/Qualification any other documents etc., submitted earlier would result in disqualification and forfeiture of EMD and also liable for debarring from participation in VSP tenders.
30. If it comes to the notice of VSP at any stage right from request for registration/tender document that any of the certificates/documents submitted by applicant for registration or by bidders are found to be false/fake/doctored, the party will be debarred from participation in all VSP tenders for a period of 05 (FIVE) YEARS including termination of Contract, if awarded. EMD / Security Deposit etc., if any, will be forfeited. The Contracting Agency in such cases shall make good to VSP any loss or damage resulting from such termination. Contracts in operation any where in VSP will also be terminated with attendant fall outs like forfeiture of E.M.D. / Security Deposit, if any, and recovery of risk and cost charges etc. Decision of V.S.P. Management will be final and binding.
31. Failure to execute the work after LOI/WORK ORDER is given, will make the party liable for debarring for a period of 2 (TWO) YEARS.
32. In case it is found before/after award of work to the person/agency through Limited Tender Enquiry (LTE) that the same person/agency is proprietor/proprietress/partner of two or more separate agencies and quoted for the same work, then punitive action to the extent of debarring up to 02 (Two) years from participating in VSP tenders will be taken.
33. In case the Tenderers revoke/withdraw/cancel their tender or they vary any terms of their tender during the validity period of the tender without the written consent of Visakhapatnam Steel Plant (VSP) or in the event of VSP accepting their tender and fail to deposit the required security money, execute the Agreement and fail to start the work within reasonable time (to be determined by the Engineer) after written acceptance of their tender – EMD submitted by them will be forfeited by VSP.
34. Contractor shall note that:
 - i) Time for mobilization after issue of FAX Letter of Intent/detailed Letter of Intent / Work Order shall be;
 - a. 03 (Three) days for Capital Repairs
 - b. 15 days for Civil Works
 - c. 60 days for painting works of Structural Engineering Department
 - d. 07 (Seven) days for Annual Mechanical, Electrical and works of technological assistance/cleaning.
 - ii) Re-starting the work after disruption shall be within 04 (Four) to 06 (Six) hours after the cause of disruption is removed as decided by the HOD.
 - iii) Notice period for Contract Termination shall be - 03 (Three) hours in the event of breakdowns, 02 (Two) days in Capital Repairs and 10 days in other works.

Failure to adhere to above stipulations may result in Termination of contract at risk & cost and will make the party liable for debarring for a period o 2 (Two) years.
35. Agencies are required to submit Bank Guarantee for the value as decided by the Engineer as a Security while taking out Equipment/Components/materials of VSP to their workshop situated outside the VSP premises for carrying out repairs.

36. In case of revision in RINL / VSP approved wage rate, consequent to the revision in the minimum wages (either in Basic Wage or Living Allowances) as notified by the Regional Labour Commissioner (Central), Hyderabad, Escalation amount to the contract shall be payable as per the following formula:

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

WHERE:

V = Escalation Payable
a = man days present by USW during the billing period
b = man days present by SSW during the billing period
c = man days present by SKW during the billing period
USR = Revised VSP approved Rate for USW at the time of billing
SSR = Revised VSP approved Rate for SSW at the time of billing
SKR = Revised VSP approved Rate for SKW at the time of billing

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

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

37. PAYMENT OF MINIMUM WAGES:

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

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

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

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

1) Component ——— Notice pay
Recovery amount per labour per every working day —
USK —Rs.43.16ps, SSK —Rs.48.83ps, SK—Rs.57.15ps

2) Component ——— Retrenchment compensation
Recovery amount per labour per every working day —
USK —Rs.21.58ps, SSK —Rs.24.41ps, SK—Rs.28.57ps

3) Component ——— Leave with wages
Recovery amount per labour per every working day
USK —Rs.26.56ps, SSK —Rs.30.05ps, SK—Rs.35.17ps

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.91.30ps, SSK —Rs.103.29ps, SK—Rs.120.89ps

4) Component ——— Bonus
Recovery amount per labour per every working day
USK —Rs.43.14ps, SSK —Rs.48.81ps, SK—Rs.57.13ps

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.134.44ps, SSK —Rs.152.10ps, SK—Rs.178.02ps
10% towards profit and over heads of contractor
USK —Rs.13.44ps, SSK —Rs.15.21ps, SK—Rs.17.80ps
Total recovery amount
USK —Rs.147.88ps, SSK —Rs.167.31ps, SK—Rs.195.82ps

Note:

- i) The above recovery rates are ***effective from 01/10/2019.*** In case of any statutory revision in minimum wages payable to contract workmen as notified by the Regional Labour Commissioner (Central), Hyderabad from time to time, the above recovery amounts for workmen category-wise will be revised by RINL/VSP and will be notified accordingly.
- ii) Payment against the above component is to be made to the workmen based on effective wages of last drawn pay.

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. i) The tenderers shall quote their most reasonable and workable price. In case the L1 price is found to be less than the 'Lower limit of estimated value' specified in the tender by RINL, the L1 tenderer (including all other tenderer(s) who match the L1 price for award of contract on split basis) shall be required to submit Additional Security Deposit (ASD). The ASD shall be equal to the difference between the 'Lower limit of estimated value' and the L1 price. The ASD shall be in addition to any other Security Deposit specified in the Terms and Conditions of Tender and shall be submitted in the form of Bank Draft / Banker's Cheque (BC) / Pay order (PO) / Bank Guarantee (from any Nationalised / Scheduled Commercial Bank), in the Format prescribed by RINL.
- ii) In case the L-1 tenderer or any other tenderer who matched the L-1 price for award of contract on split order basis, refuses / fails to submit the ASD within 15 days of request from RINL, Earnest Money Deposit of such tenderer(s) shall be forfeited and such tenderer(s) shall be debarred from participation in all the future tenders of RINL for a period of one year.
- iii) The conditions as at Sl.No.(i) & (ii) above shall be applicable for Micro and Small Enterprises also.
- iv) The BG for ASD would be valid for the period equivalent to Contract Period+DLP+6 months and should be extended as and when the contract is extended. The said ASD shall be released along with the Security Deposit.

[This Integrity Pact has to be printed separately by the Agency, sign in all pages with Witness Signatures ,scan and the same is to be uploaded in the Tech RFx Folder]

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 attached in the Tech RFx Folder
- 2.0. The Integrity pact document should be signed on all pages by the tenderer after filling the blanks along with witness signatures wherever required and is to be uploaded in the Tech RFx Folder
- 3.0. Please note that non submission of duly filled and signed Integrity Pact in prescribed format attached in the Tech RFx Folder 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 **"ANNUAL OVERHAULING OF BOILER PRESSURE PARTS "** The Principal values full compliance with all relevant laws of the land, rules, regulations, economic use of resources, and of fairness/transparency in its relations with its Bidder(s) and /or Contractor(s).

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

Section 1 - Commitments of the Principal:

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

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

- (1) The Bidder(s)/ Contractor(s) commits to take all measures necessary to prevent corruption. He commits to observe the following principles during his participation in the tender process and during the contract execution.
 - (a) The Bidder(s)/Contractor(s) will not, directly or through any other person or firm, offer, promise or give to any of the Principal's employees involved in the tender process or the execution of the contract or to any third person any material or other benefit which he/she is not legally entitled to, in order to obtain in exchange any advantage of any

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kind whatsoever during the tender process or during the execution of the contract or to vitiate the Principal's tender process or contract execution.

- (b) The Bidder(s)/ Contractor(s) will not enter with other Bidders into any undisclosed agreement or understanding, whether formal or informal. This applies in particular to prices, specifications, certifications, subsidiary contracts, submission or non-submission of bids or any other actions to restrict competitiveness or to introduce cartelization in the bidding process or to vitiate the Principal's tender process or execution of the contract.
- (c) The Bidder(s)/Contractor(s) will not commit any offence under the IPC/ PC Act; further the Bidder(s)/Contractor(s) will not use improperly, for purposes of competition or personal gain, or pass on to others, any information or document provided by the Principal as part of the business relationship regarding plans, technical proposals and business details including information contained or transmitted electronically.
- (d) The Bidder(s)/Contractor(s) of foreign origin shall disclose the name and address of the Agent(s)/representative(s) in India, if any. Similarly the Bidder(s)/Contractor(s) of Indian Nationality shall furnish the name and address of a foreign supplier/contract Agency, if any. Further details, as mentioned in the *Guidelines on Indian Agents of Foreign "Suppliers/contract agencies"*, shall be disclosed by the Bidder(s)/Contractor(s) wherever applicable. Further, as mentioned in the Guidelines, all the payments made to the Indian agent(s)/representative(s) have to be in Indian Rupees only.
Copy of the *Guidelines on Indian Agents of Foreign "Suppliers/contract agencies"* is enclosed.
- (e) The Bidder(s)/ Contractor(s) will, when presenting his bid, disclose any and all payments he has made or committed to or intends to make to agents, brokers or any other intermediaries in connection with the award of the contract.

- (2) The Bidder(s)/Contractor(s) will not instigate third persons to commit offences outlined above or be an accessory to such offences.

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

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

under *Section 2* above during the execution of contract, the Principal is entitled to exclude the Contractor from future tenders/Contract award processes.

- (5) The exclusion will be imposed for a minimum period of six (6) months and a maximum period of three (3) years.
- (6) If the bidder / Contractor can prove that he has restored/ recouped the damage to the principal caused by him and has installed a suitable corruption prevention system, the Principal may revoke the exclusion before the expiry of the period of such exclusion.

Section 4 – Compensation for Damages:

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

Section 5 – Previous transgressions:

- (1) The Bidder declares that, to the best of his knowledge, no previous transgressions occurred in the last three (03) years with any other Company in any country conforming to the anti-corruption approach or with Government/any other Public Sector Enterprise in India that could justify his exclusion from the tender process.
- (2) If the Bidder makes incorrect statement on this subject, he can be disqualified from the tender process. The contract, if already awarded, can be terminated for such reason.

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

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

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

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

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

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

Section 9 - Duration of the Integrity Pact:

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

Section 10 - Other provisions:

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

(For & On behalf of the Principal)

(For & On behalf of Bidder/
Contractor)

(Office Seal)

(Office Seal)

Place -----

Date -----

Witness 1:
(Name & Address)

Witness 2:
(Name & Address)

**GUIDELINES FOR INDIAN AGENTS OF
FOREIGN "SUPPLIERS/CONTRACT AGENCIES"**

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

3.1. 3 The amount of commission/remuneration included for bidder in the price (s) quoted

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

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

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

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

Name of work: **ANNUAL OVERHAULING OF BOILER
PRESSURE PARTS**

RFx No. 2600005879

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 have deposited the Earnest Money Deposit (EMD), which amount is not to bear any interest and I/We do hereby agree that this sum shall be forfeited by me/us if I/We revoke/withdraw/cancel my/our tender or if I/We vary any terms in our tender during the validity period of the tender without your written consent and/or if in the event of Visakhapatnam Steel Plant accepting my/our tender and I/We fail to deposit the required security money, execute the Agreement and/start the work within reasonable time (to be determined by the Engineer) after written acceptance of my/our Tender.

SIGNATURE OF THE TENDERER