

FORM 'C'
RASHTRIYA ISPAT NIGAM LIMITED
VISAKHAPATNAM STEEL PLANT
WORKS CONTRACTS DEPARTMENT
VISAKHAPATNAM-530031
PHONE NO: (MAX)3691, TELEFAX NO:0891-2518763

Name of the work : CAPITAL REPAIR OF PRESSURE PARTS OF BOILER-6

TENDER NO: 75422-0

PERIOD OF CONTRACT : **06 (Six) months OR**
Till the completion of job whichever is earlier
DEFECT LIABILITY PERIOD : **03 (Three) months**
ENGINEER : **DGM (M) / TPP**

ISSUED TO SRI/ M/s. _____

TECHNO-COMMERCIAL BID (Part-1)

Note: Tenderer has to fill the data wherever and whatever required in the tender schedule without fail and sign all the pages

No of pages of BOQ alone : **NIL**

Total No. of pages : **30 (THIRTY) pages only**

(FOR OFFICE USE ONLY)

1. E.M.D. PARTICULARS	:
2. Sl.No.	: OUT OF TENDERS
3. COVERING LETTER	: NO. OF PAGES:
4. REBATE OFFERED	:
5. RATE WRITTEN IN WORDS	:
6. VALIDITY OF TENDER	: 4 MONTHS FROM THE DATE OF OPENING
SIGNATURE OF CONTRACT DEPT. REPRESENTATIVE	SIGNATURE OF FINANCE DEPARTMENT REPRESENTATIVE

RINL VIGILANCE TOLL FREE NO. **1800 425 8878**

**VISAKHAPATNAM STEEL PLANT
WORKS CONTRACTS DEPT., VISAKHAPATNAM -530031 (A.P.)
TELEFAX: 0891-2518763 TEL NO: 0891-2758705, 2518763
OPEN TENDER NOTICE NO:VSP/WC/TPP/75422-0/OT/2015 Dt: 15.09.2015**

1. Sealed tenders on **TWO-BID System (Techno-Commercial bid and Price bid)** along with Earnest Money Deposit (EMD) are invited from experienced contractors for the following work:

Tender No:	Name of the work
------------	------------------

75422-0 CAPITAL REPAIR OF PRESSURE PARTS OF BOILER-6

- Note :
1. "Tenderers should have Boiler Repair License, Category-1 issued by Directorate of Boilers, Andhra Pradesh
 2. "Tenderers should have successfully executed the capital repair/erection of high pressure Boilers of capacity not less than 220T/Hr and pressure not less than 60 Kg/sq.cm" shall only be eligible

Tender Number	Cost of Tender Document (Non-refundable)		Eligibility/ experience requirements		Earnest Money Deposit (₹)
	By hand (₹)	By download (₹)	Value of single similar work executed (₹ in Lakhs)	Annual Turn over (₹ In Lakhs)	
75422-0	800/-	800/-	11.10	06.66	17,500/-

2. Cost of Tender document(s) shall be paid in the form of Demand Draft / Pay Order / Banker's Cheque, obtained from any Nationalized or Scheduled Bank in India, drawn in favour of RIN Ltd., payable at Visakhapatnam and shall be valid for a minimum period of one month from the date of opening of tender i.e., Envelope-1 (Pre-qualification documents). **THE COST OF TENDER DOCUMENT(S) RECEIVED ALONGWITH TENDER DOCUMENT WILL NOT BE REFUNDED UNDER ANY CIRCUMSTANCES UPON RECEIPT OF TENDER.**
3. 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: **31-08-2015** and Turnover shall be the average Annual Financial Turnover during the **last 03 (Three) years** ending 31st March of the previous financial year i.e., **31-03-2015**. The tender document shall be accompanied with copies of (a) **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 Service Tax.** In case of work executed outside VSP, and where the total amount includes Service Tax, tenderers shall make efforts to get the value of Service Tax indicated separately (b) for Turn Over Audited balance sheets certified by Practicing Chartered Accountant in case the annual Turn-over is more than ₹40.00 Lakhs (or) in case of Turn-Over being less than ₹40.00 lakhs either Turn-over certificate in the prescribed format of VSP duly signed by a practicing Chartered Accountant/Cost Accountant or T.D.S. certificate(s) comprising of the Gross bill values issued by the Deductor(s) for the work done. (c) Copy of registration letter issued by V.S.P incase of registered agencies and incase of non registered agencies, either a copy of Notarized sole Proprietorship or a copy of Partnership deed or a copy of Memorandum of Association & Articles of association along with certificate of registration- whichever is applicable. **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.
NOTE :
1) TENDERERS SHALL SUBMIT PF REGISTRATION CERTIFICATE IF AVAILABLE, IF NOT AVAILABLE SUCCESSFUL TENDERER SHALL SUBMIT PF REGISTRATION CERTIFICATE BEFORE COMMENCEMENT OF THE CONTRACT.
2) THE SUCCESSFUL TENDERER SHALL PRODUCE REGISTRATION CERTIFICATE UNDER APVAT ACT, WHEREVER APPLICABLE, BEFORE SIGNING THE WORK ORDER / LOA AND SUBMIT A COPY OF THE SAME.

RINL VIGILANCE TOLL FREE NO. **1800 425 8878**

- 4.0 The tenderers are requested to note that :
- 4.1 The offer shall be made in **02(two) envelopes. First envelope** (to be super scribed as Envelope-1 with name of the work, tender no.) should contain the cost of the tender document in case the tender is downloaded from the web site (Tender can be purchased from the office of DGM(WC) I/c by paying tender cost in the form of DD/PO/BC as cited at para-2 above in which case tender cost need not be enclosed while submitting the tender), Earnest Money Deposit(EMD) separately in the form of DD/PO/BC etc (refer to instruction to tenderer) and pre-qualification documents(Criteria eligibility/experience and other documents etc.) as per para-1 read with para-3 above along with TECHNO-COMMERCIAL BID WITH FILLED IN QUESTIONNAIRE, ALONGWITH DETAILS OF EXPERIENCE AND SUPPORTING DOCUMENTS, duly signed / attested by the authorized representative of the company. **Second envelope** (to be super scribed as Envelope-2 with name of the work, tender no.) should contain price bid in its prescribed format along with the tender document.
- 4.2 The first cover shall be opened initially and only on satisfying the eligibility criteria **INCLUDING TECHNICAL ACCEPTABILITY**, adequacy of cost of tender document (in case of downloaded tender) and EMD etc., placed in it, the second envelope containing the price bid shall be opened. The date and time of opening of the price bid along with names of successful tenderers in pre-qualification & techno-commercial bid will be subsequently displayed in the notice board of Works Contracts only and no individual communication to tenderers will be made.
- 4.3 Scope of work, Bill of Quantities (BOQ), Terms & Conditions given in the tender documents (placed in the website) 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 / issued are found tampered/ altered/ incomplete, they are liable for actions like rejection of the tender, cancellation & termination of the contract, debarring etc., as per the rules of the company.
- 4.4 It will be presumed that the tenderers have gone through the General Conditions, Special Conditions & Instructions to tenderer etc., of the contract available in the website which shall be binding on him/ them.
- 4.5 The tenderer shall download the "TENDER SCHEDULE" available on the website in totality and submit the same duly signed on each page. **Any time prior to the deadline for submission of bids, Works Contracts department may, for any reason, modify the tender terms and conditions by way of an amendment, such amendment will be notified on RINL's website at regular intervals.**
- 4.6 **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, by clearly stating the extent of updation done to their original offer and the order of prevalence of revised offer vis-à-vis original offer. The employer reserves the right to open the original offer along with revised offer(s)**
- 5.0. The tender documents and other details can be downloaded from our web site: www.vizagsteel.com and the same are to be submitted to the Dy. General Manager (Works Contracts) I/c, Visakhapatnam Steel Plant duly signed on each page by the tenderer **on or before 03.00 PM on 15-10-2015**
- 6.0. Non-transferable tender document can also be obtained from the office of Dy General Manager (Works Contracts) I/c, VSP on written request on bidder's letter head on payment of tender cost in the form of DD/BC during working hours 10 AM to 4.30 PM **on or before 04.30 PM on 14-10-2015**
- 7.0. Tenders will be received in the office of Dy General Manager (Works Contracts) I/c, **up to 03.00 PM on 15-10-2015 and Envelope-1 will be opened immediately there after.**
- 8.0 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 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**
- 9.0 The date of opening of the pre-qualification cover (envelope-1) shall be the date of tender opening in respect of both the single bid and two-bid (techno-commercial and price-bid).
- 10.0 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 P.F. Regn./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.**
- 11.0 Tender documents will be issued to tenderers based on their request and on payment of tender cost or same can be downloaded from our web site by submitting the cost of tender along with their offer. However, 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) Issue or Refuse tender documents without assigning any reason. (b) Split and award the work to more than one agency, (c) 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 cost of tender documents thereupon.

For Dy General Manager (Works Contracts) I/c

RINL VIGILANCE TOLL FREE NO. 1800 425 8878

FORM – A

Ref. Tender No. 75422-0

Name of the Work : CAPITAL REPAIR OF PRESSURE PARTS OF BOILER-6

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

Sirs,

With reference to the Notice Inviting Tender, I/We have gone through the tender documents issued to us. 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 Terms and Conditions of 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 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.

- Status of the firm (mark)
- Proprietary /Partnership/others (Specify)

- * Authority to Sign:
- a) Proprietor
 - b) Managing Partner
 - c) Power of attorney holder
- Name of Partners:
- 1)
 - 2)
 - 3)

Following Details are to be furnished by the tenderer compulsorily (neat&legible) while submitting the tender schedule	
Income Tax PAN No.	
Status/Reason for not having PAN No.	
OFFICIAL ADDRESS	
Phone No: Cell No : Fax No.: e-mail address:	

Yours faithfully,

(Signature of Contractor)
Name:.....

RINL VIGILANCE TOLL FREE NO. **1800 425 8878**

INSTRUCTIONS TO TENDERERS

- 1.a) Tenders shall be submitted in the office of the Dy General Manager (Works Contracts) I/c, Visakhapatnam Steel Plant, Visakhapatnam – 530 031.
- b) Tenders shall be submitted in the prescribed form issued by VSP. The Tender documents issued are not transferable. Tender documents issued/downloaded shall be submitted wholly without detaching any part.
- c) The Tenderer shall agree to VSP's terms and conditions, specifications/scope of work, etc., and quote their **“Total Amount only”** accordingly.
- d) Tender shall be for the entire scope of work mentioned in the tender documents.
- e) Tenderer **“Shall quote only the Total Amount in figures and in words”**. Over writing is not permitted and corrections are to be essentially initialed. Amount quoted in words shall govern in case of variance between figures and words.
- f) The **“ Total Amount quoted in figures and words shall be tallied”** before submission of the tender and all mistakes corrected and initialed. Quotation shall preferably be type written or written in neat and legible handwriting. All the pages of tender documents shall be signed by the tenderer.
- g) **Respective tenderers participating in the tenders due for opening on the scheduled day, can witness the opening of tenders/price bid on production of valid identity card/gate pass, or alternately, shall give a duly signed authorization to their designated representatives who are nominated if they wish to witness the tender/price bid opening. However, if any person is found obstructing the passage/entry to the tender box, or if any unauthorized person is found in the tender opening room, the designated officer of WCD, incharge for tender submission/opening of bids or the HOD of WCD shall inform the CISF constable present on duty to evict the person. Also, to intimate to CISF in writing, to cancel the Gate Pass for a period of 01 (ONE) year.**
- h) If by any reason the tender opening is postponed to any other date, the details will be displayed in the notice board of Works Contract Department. Tenderers shall see the notice board regularly and keep themselves informed in this matter.
- i) Before quoting, the tenderer shall necessarily contact the “Engineer” and fully understand the job, scope of work, unit of measurement, mode of measurement, scope of supply of materials by VSP if any, working conditions, shutdown arrangements, Labour deployment requirements, risk contingencies and such other factors which may affect their tender.
- j) General Conditions of Contract of VSP for Works Contracts are available in the Office of DGM (Works Contracts) I/c and also in VSP's web site for reference. The tenderers shall study and understand all the relevant provisions before quoting.
- k) Tenders shall be kept open for acceptance for a period 4 (Four) MONTHS from the date of opening of tender i.e., Envelope-1.
- l) After opening of tender, the tenderers may be called for negotiations and the details like date, time etc. will be displayed on the notice board of Works Contract Department. The tenderers shall see the notice board regularly and keep themselves informed in this matter and promptly attend negotiations without fail.
- m) Purchase Preference will be given to PSU's where applicable as per DPE guidelines.
- n) The local Small Scale Industries as approved by VSP and registered with Works Contracts Department of Visakhapatnam Steel Plant in the category of Industrial Paint Manufactures for supply and application of industrial Paints to various structurals, equipment pipelines etc., are eligible for purchase preference as per the policy of VSP in force from time to time. The local small-scale industries, those who are technically and commercially acceptable shall be considered for extension of Purchase Preference, if the offer is within 15% above L-1 price and upon their matching with L-1 price.
- o) The date of opening of pre-qualification envelope-1 shall be the date of tender opening in respect of both the SINGLE BID AND TWO- BID(Techno-commercial and Price bid) tenders.
- p) **Corrections / amendments / replacement to / of the deficient documents / financial instruments for Earnest Money Deposit (EMD) & Cost of Tender Document (CTD) shall not be sought in the following cases where**
 - (a) **There is evidence of tampering / unauthorized correction**
 - (b) **The value of financial instrument (s) / document (s) is falling short of the value stipulated in the NIT**
 - (c) **The validity of BG (s) as on initial tender opening date (TOD) is falling short of minimum validity period stipulated in the tenderer**
 - (d) **Discrepancy exists in the name of Payee / Beneficiary**
 - (e) **The bidder fails to submit CTD and / or EMD in case of submission of a single instrument / document towards both CTD and EMD.**

2) EARNEST MONEY DEPOSIT (EMD)

- a) In case of Earnest Money Deposit being less than or equal to Rs.5 Lakhs, Earnest Money Deposit shall be in the form of Demand Draft / Pay Order / Banker's Cheque obtained from any Nationalized or scheduled commercial bank in India, drawn in favour of Rashtriya Ispat Nigam Ltd., Visakhapatnam Steel Plant, payable at Visakhapatnam and shall be valid for a minimum period of one month from the Envelope-1 (Pre-qualification documents) opening date. **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 date of opening of Envelope-1 (Pre-qualification documents). The above shall supercede the instructions regarding "form of EMD" elsewhere in the tender document. The above shall supercede the instructions regarding "Form of EMD" elsewhere in the tender document.**
- b) *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.*
- c) *"Micro & Small Enterprises (MSEs) listed with NSIC only are exempted from submission of Cost of Tender Documents (CTD), 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 the following documents along with their tender: -*
- Proof of enlistment with NSIC and with particulars of relevant trade/item.*
 - Registration details of the particular trade/item for which this tender is relevant, by way of submission of 'Acknowledgement of Entrepreneur Memorandum(EM) Part-II' from the Industries Department, along with their tender. The Micro and Small Enterprises not registered for the particular trade/item for which this tender is relevant, would not be eligible for exemption. SSI Registration Certificate is not valid and no concession or benefits shall be extended if EM Part-II is not submitted, and,*
 - As regards Security Deposit (SD) exemption, the MSEs shall however be required to submit a "Performance Guarantee Bond" in the prescribed proforma, equivalent to the value of Security Deposit. It may be noted that waiver of SD is permitted only up to the monetary limit for which the unit is registered.*
- d) *EMDs of unsuccessful tenderers will be refunded after reasonable time without interest.*

3) MODE OF SUBMISSION OF TENDER

- Tender shall be submitted in two separate sealed covers. In case of single bid tender, the first cover shall contain the D.D. / Pay Order / Banker's Cheque for Earnest Money Deposit / Cost of Tender Document / EMD exemption documents for PSUs & **MSE units registered with NSIC**, other pre-qualification documents etc. and the second cover shall contain the tender.
- In case of two bid system, the first cover shall contain the techno-commercial bid part of tender, along with the other bank instruments / documents indicated in para 3(a) above, and the second cover shall contain only the price bid part of tender.
- The two sealed covers as mentioned above shall be stapled / tied together and submitted. The first cover will be opened first and only if the submitted documents / instruments are found to be as per NIT requirement, will the second cover containing the price bid be opened.
- Tenders not satisfying the requirements as per NIT will not be opened.

SPECIAL CONDITIONS OF CONTRACT (SCC)

- 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.
- 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.
- 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.
- 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.
- The successful tenderer shall produce Registration Certificate under APVAT Act, wherever applicable, before signing the Work Order / Letter of Acceptance and submit a copy of the same.

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 ex-gratia 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 service tax 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) The benefit offered by the agency (other than Service Tax) will be deducted from each bill on the offered percentage basis. Amount so recovered shall be released, limiting to the percentage of benefit offered on the quoted price, only on receipt of credit by VSP.
- d) The prices are exclusive of Service Tax. RINL-VSP will pay Service Tax as applicable on submission of Invoices in accordance with Rule 4A (1) of Service Tax Rules 1994. The contractor will be paid Service Tax by RINL-VSP along with monthly service charge bills for further deposit with Central Excise Authorities. The contract will, in turn, submit the documentary evidence in support of payment of Service Tax of each month along with subsequent month RA Bills.
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/ Micro & Small Enterprises (MSEs) listed with NSIC will not be required to submit Security Deposit, but however they shall submit "Performance Guarantee Bond" in lieu of Security Deposit in the prescribed proforma equivalent to the value of Security Deposit covering the period of contract + defect liability period + 6 months (Claim period).
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:**
- The contractor and his workers must strictly take all safety precautions and shall supply to his workers dependable safety appliances like hand gloves, safety boots, safety belt, safety helmets, duster cloth, dust mask/nostril filter etc. In addition to this, contractor shall also provide additional safety appliances as per requirement and follow safe working practices like using fully insulated electrode holders etc. He shall also ensure that his workmen intelligently use only dependable safety appliances supplied to them.
 - 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.
 - 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.
 - All the safety appliances required for safe working as decided by SED/Contract operating department shall be provided by the contractor to his workmen.
 - 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.
 - 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".
 - 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 category wise are as follows:

Category	Safety violations	Fine
I	1. Occasional violation of not wearing crash helmet 2. Driver of two wheeler carrying more than one pillion rider 3. Wrong parking of vehicle	First offence: Rs.100/- Second or subsequent offences: Rs.300/- First offence: Rs.100/- Second or subsequent offences: Rs.300/- First offence: Rs.100/- Second or subsequent offences: Rs.300/-
II	MINOR VIOLATIONS 1. Working at height without height pass. 2. Unauthorized entry at hazardous location. 3. Engaging workers without safety training 4. Proper ladder/steps not provided for working. 5. Failure to provide proper shuttering at excavation works. 6. Power connection taken from board without proper board	

RINL VIGILANCE TOLL FREE NO. 1800 425 8878

	<p>plug.</p> <p>7. Fitness certificate of cranes/hydra/heavy vehicles not available.</p> <p>8. Crane rope conditions not OK.</p> <p>9. Not wearing safety helmet / safety shoe at site.</p> <p>10. Safety goggles/Hand gloves not used.</p> <p>11. Gas cutting without goggle.</p> <p>12. Rolling/lifting of cylinder/dragging on the ground (without cage)</p> <p>13. Welding with non standard holder.</p> <p>14. Welding machine earthing not done (double body earthing)</p> <p>15. Gas hose pipe clamping done by wires.</p> <p>16. LPG Cylinder date expire / over.</p> <p>17. Loading/unloading of cylinder – cushion not given.</p> <p>18. Condition of hose pipe not good.</p> <p>19. Working with leaking cylinder.</p> <p>20. Using non power cable instead of welding cable.</p> <p>21. Working without work permit / shut down.</p> <p>22. Not putting red flags / stoppers.</p> <p>23. Dismantling of structure without authorized plan.</p> <p>24. Unauthorized Oxygen/Nitrogen tapping.</p> <p>25. Not having proper gate passes / other area passes.</p> <p>26. Use of damaged slings / tools / ropes.</p> <p>27. Use of hand grinders / mixer machines without guard.</p> <p>28. Not reporting of accident.</p> <p>29. Taking shelter behind electrical panel.</p> <p>30. Driving of heavy vehicles on the main road during restricted hour.</p> <p>31. Truck side panel / broken not OK.</p> <p>32. Dropping / Spillage of material on the road.</p> <p>33. No number plate on vehicle.</p> <p>34. No indicator light / brake light on vehicles.</p> <p>35. Driving dangerously.</p> <p>36. Overloading of the vehicles beyond CC weight.</p> <p>37. Racing and trials of speed, overtaking heavy vehicles.</p> <p>38. Moving vehicles in unauthorized restricted routes.</p> <p>39. Talking with cell phone while driving.</p> <p>40. Truck carrying powdery material without tarpaulin.</p> <p>41. Vehicles without red flags / red lights, side guards & tonnage.</p> <p>42. Stock protruding out of the truck body.</p>	<p>First violation: Rs.2500/-</p> <p>Second time violation: Rs.10,000/-</p> <p>Third time repeated violation: Rs.20,000/-</p>
III.	<p><u>MAJOR VIOLATIONS:</u></p> <p>1. Using bamboo or other non standard material for scaffolding.</p> <p>2. Railing not given at platforms or opening of floor.</p> <p>3. Scaffolding planks not tied properly.</p> <p>4. Throwing / dropping of material from height.</p> <p>5. Proper ladder / approach not given for working at height.</p> <p>6. Walkway / cross over path not provided.</p> <p>7. No barricading of excavated pits.</p> <p>8. No top cover on power distribution board.</p> <p>9. Sleeping under truck.</p> <p>10. Absence of Supervisor at height works, confined space jobs and other hazardous jobs.</p> <p>11. Welding screen / face shield, welder gloves not used.</p> <p>12. Driving vehicles without valid driving license.</p> <p>13. Driving by a drunken person.</p>	<p>Rs.7,500/- for 1st violation, 2nd and subsequent violations Rs.15,000/-</p>
IV.	<p><u>HIGH RISK VIOLATIONS:</u></p> <p>1. Failure to use full body harness with double lanyard.</p>	

RINL VIGILANCE TOLL FREE NO. **1800 425 8878**

	2. Life line of full body harness not anchored. 3. Floor opening left unguarded in the area of work. 4. Working at roof without daily permit. 5. Working in confined space without confined space work permit. 6. Violation of electrical shut down / PTW. 7. Violation of HOT work permit system.	Rs.15,000/-
V.	1. Serious injuries and permanent disabilities. 2. Fatal accident cases	Rs.1,00,000/- or 2.5% of contract value whichever is less. Rs.2,00,000/- or 10% of contract value whichever is less.

- (1) 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.
- (2) Independent of the above, the contractor shall be debarred or deregistered from taking up further contractual work in VSP in case any repeated fatal accident after 3rd incident for the reasons attributable to contractor.
Note: 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).
- (3) Without prejudice to the right conferred for stoppage of work for violation of safety rules, the contractor shall be liable for penalty at the rates indicated above depending upon the category of violation.
- (4) Operating authority will assess the penalty amount having regard to all the circumstances in particular in nature and gravity of the violation on the advice of Head of the Safety Engineering Department and will issue a show cause notice specifying therein the proposed penalty. Considering the cause shown by the contractor, if any, the operating authority shall pass final orders which shall then be binding on the contractor. The penalty amount shall be recoverable from any bill and / or EMD / Security Deposit of the contractor without any further reference to him.

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.

RINL VIGILANCE TOLL FREE NO. 1800 425 8878

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) **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:

$$V = \frac{L \times W \times (X - X_o)}{X_o}$$

WHERE:

- V= Escalation Payable
 L= Labour Content during billing period.
 W= Gross value of work done on the basis of Contract Rates for the period for which variation is applicable
 X= Revised weighted average of RINL/VSP approved wage rates of Unskilled Worker, Semi-skilled Worker and Skilled Worker based on the minimum wages as notified by the Asst. Labour Commissioner (Central), Hyderabad, for the period under consideration for the contract as per present man-day's of different categories for the billing period.
 X_o = Existing (on the basis which tender estimate prepared) Weighted average of RINL/VSP approved wage rates of Unskilled Worker, Semi-skilled Worker and Skilled Worker based on the minimum wages as notified by the Asst. Labour Commissioner (Central), Hyderabad, for that contract as per present man-day's of different categories for the billing period.

Computation of X and X_o:

$$X = \frac{(a \cdot \text{USR} + b \cdot \text{SSR} + c \cdot \text{SKR})}{(a+b+c)}$$

$$X_o = \frac{(a \cdot \text{USR}_o + b \cdot \text{SSR}_o + c \cdot \text{SKR}_o)}{(a+b+c)}$$

$$L = \frac{(a \cdot \text{USR}_o + b \cdot \text{SSR}_o + c \cdot \text{SKR}_o)}{W}$$

Where

- 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 RINL/VSP approved wage rate for USW at the time of billing

SSR= Revised RINL/VSP approved wage rate for SSW at the time of billing

SKR= Revised RINL/VSP approved wage rate for SKW at the time of billing

USR_o= RINL/VSP approved wage rate for USW based on which the Estimate of work was prepared.SSR_o= RINL/VSP approved wage rate for SSW based on which the Estimate of work was prepared.SKR_o= RINL/VSP approved wage rate for SKW 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.11.54 ps 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.*

LAPSE	ACTION BY VSP
<p>1. a) Payment of wages at rates less than those notified under the minimum wages.</p> <p>b) Non-payment of ad-hoc amount</p> <p>2. Non payment of wages</p> <p>3. Non Payment of PF</p> <p>4. Delayed Payment of PF</p>	<p>a) An amount equivalent to the differential amount between wages to be paid under minimum wages notification of the Govt. applicable for the period less actual wages paid shall be recovered from the bills as certified by the Engineer.</p> <p>b) As amount equivalent to actual payable towards ad-hoc amount to the workmen engaged for relevant period shall be recovered from the bills as certified by the Engineer.</p> <p>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.</p> <p>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 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 contractor as certified by Engineer.</p> <p>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.</p>

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:

S.No	Component	Recovery amount per labour per every WORKING DAY (in Rs.)			To be released when
		UN-SKILLED	SEMI-SKILLED	SKILLED	
01	Notice pay	₹. 23.68 ps	₹. 26.77 ps	₹.31.49 ps	After the Contractor makes payment to the workmen in the presence of Engineer I/C and CLC representatives , a certificate to this effect is to be enclosed with pre-final bill. (to be paid with pre-final bill)
02	Retrenchment compensation	₹. 11.84 ps	₹. 13.39 ps	₹. 15.75 ps	
03	Leave with wages	₹. 14.57 ps	₹. 16.48 ps	₹. 19.38 ps	
Sub-total		₹. 50.09 ps	₹. 56.64 ps	₹. 66.62 ps	
04	Bonus	₹. 11.55 ps	₹. 11.55 ps	₹. 11.55 ps	After the Contractor makes payment to the workmen in the presence of Engineer I/C 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		₹. 61.64 ps	₹. 68.19 ps	₹. 78.17 ps	
10% towards profit and overheads of Contractor		₹. 06.16 ps	₹. 06.82 ps	₹. 07.82 ps	
Total recovery amount		₹. 67.80 ps	₹. 75.01 ps	₹. 85.99 ps	

Note:

- i) The above recovery rates are effective from **01/10/2014**. 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) Party Code :
- (2) Option : RTGS / EFT
- (3) Beneficiary Details
- a) Name of Beneficiary (Max.35 characters) :
- b) Bank Name (Max. 35 characters) :
- c) Branch Name (Max. 35 characters) :
- d) Account Number (Max. 35 characters) :
- e) Account type (Max. 35 characters) :
(Savings / Current / Overdraft) [Mention Code No. also]
- f) Beneficiary Bank’s IFSC Code (Max. 11 characters):
(For RTGS Mode only)
- g) Beneficiary Bank’s MICR Code (Max.09 characters):
(For EFT Mode only)

(Signature of the Party / Contractor)

Name:

Desgn:

CERTIFICATE

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

Sd/-----

(Signature of Branch Manager)

Name :

Seal of Bank :

RINL VIGILANCE TOLL FREE NO. 1800 425 8878

- 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 CENVAT AGAINST EXCISE DUTY:**
- a) The tenderer shall specify the percentage of CENVAT benefit on quoted price for which they shall furnish the duty paying documents.
- b) The successful tenderer shall take necessary steps to comply with the rules and provisions of central excise and service tax law facilitating VSP to avail CENVAT credit.
- c) The amount of CENVAT benefit declared shall be deducted from the tendered price for the purpose of tender evaluation i.e. the evaluation shall be on the net of CENVAT benefit.
- d) The invoice raised by the Contractor should clearly mention VSP as the consignee (Consignee: RINL, VSP, A/c: Name of the contractor). It should be ensured that material has been delivered along with the duplicate for transporter copy of the invoice, based on which CENVAT credit is to be claimed.
- e) The duty paying documents shall be submitted as soon as the material is procured by the agency for incorporation in the work. The CENVAT benefit offered by the agency will be deducted from each bill on the offered percentage basis and will be released to the extent CENVAT benefit could be availed by VSP. The contractor shall extend all possible help to facilitate VSP to avail CENVAT benefit. If CENVAT benefit could not be availed by VSP due to reasons attributable to the contractor, such amount will not be released by VSP.
- f) In the event the CENVAT benefit realized by VSP (based on documents) is in excess of the CENVAT benefit offered by the agency/contractor, the refund will be restricted to the benefit offered by the agency. The excess amount realized from Excise Authorities will be to the credit of VSP only.
- g) 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 CE Act.
44. RINL reserves the right to reject the offers of tenderers whose performance is “poor” in awarded/ongoing works if any”.
45. VSP after opening of tender/bid document may seek in writing, documents/clarifications which are necessary for evaluation of eligibility/prequalification stipulated in the NIT.

SCOPE OF WORKWork Desc : **Capital Repair of Pressure Parts of Boiler-6**

Cond No	Cond Desc
1.00.00.	CAPITAL REPAIR OF BOILER-6 PRESSURE PARTS & AIR PREHEATER:
1.00.01.	Description: Boiler-6 of TPP has been commissioned in June, 2013 as part of 6.3 MT expansion of VSP. It is a multi-fuel fired water tube boiler of capacity 330 T/Hr steam at 101 Kg/cm ² pressure and 5400 C temperatures. Fuels used in the boiler are coal, BF Gas and oil. The boiler has a tri-sector Air Pre-Heater for pre heating of primary and secondary air. Air Pre-Heater consists of 12 sectors having baskets arranged in three layers, viz. hot end, intermediate and cold end baskets.
1.01.00.	ERECTION OF SCAFFOLDING, CLEANING OF PRESSURE PARTS AND REPAIR:
1.01.01.	Scaffolding erection is to be done on all four sides of the furnace inside the first pass of Boiler, with scaffolding pipes, clamps & wooden planks up to the platen super heater as per the instruction of Engineer- In-Charge of the work. Provision is to be made to go near Wall blower openings for inspection. Removal of the same after completion of the job. Sky climber may have to be used instead of scaffolding for boiler cleaning. The sky climber is to be assembled inside the boiler. If sky climber is used, scaffolding up to FG elevation to be made for repair of burners after furnace cleaning is completed.
1.01.02.	Removal of dry ash from pent house, dog house, boiler roof economizer hoppers, below economizer flushing apparatus, air pre heater hoppers, air pre-heater 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 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 pipe lines, structures, boiler to boiler inter connecting platforms. Areas in and around PF Fan, ID fan, FD fan and also raw coal feeder floor.
1.01.03.	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 to be blanked with sheet near economizer hoppers, so that no ash or water enters rotary air pre heater while cleaning. The cleaning of the pressure parts to be done to the satisfaction of IBR Authority. Suitable attachment to be made by the contractor to fit with the fire fighting valve provided in the Boiler for water cleaning of boilers. The nozzle for the cleaning to be arranged by the contractor.
1.01.04.	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.
1.01.05.	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.

SCOPE OF WORK

Work Desc : **Capital Repair of Pressure Parts of Boiler-6**

1.01.06.	'0' metre trenches in the boiler to be completely cleaned.
1.01.07.	Cleaning and inspection of hydraulic seal trough and rectification / repair if any.
1.01.08.	Conducting air tightness 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 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.
1.01.09.	Conducting air tightness test of tubular air pre-heater and plugging the defective tubes suitably.
1.01.10.	The party has to associate completely for conducting hydraulic test of Boilers to the satisfaction of statutory authority & Engineer-In-Charge.
1.01.11.	Platforms/scaffolding/sky climber to be removed after completion of job and inspection by statutory authorities.
1.02.00.	REPLACEMENT OF FURNACE PEEP HOLE DOORS:
1.02.01.	The damaged peep-hole doors of the furnace are to be removed and new peep-hole doors to be 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.
1.03.00.	REPAIR OF PRESSURE PARTS:
1.03.01.	Cutting the shell plate and re-welding if required in the second pass.
1.03.02.	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. The job includes 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.
1.03.03.	Realignment of coils, if necessary, is to be done.
1.03.04.	All high pressure welding including fin welding to be carried out by IBR qualified welder.
1.03.05.	The scope of work includes removal & replacement of high pressure valves also. Payment shall be made on the basis of equivalent joints. Replacement of water wall tubes of 63.5 mm X 4.8 mm shall be taken as an equivalent joint for the purpose of calculation of other joints. Valves required for the purpose shall be given by VSP free of cost.
1.03.06.	This item may be operated during capital repairs period of Boilers or during non capital repair period also.
1.04.00.	REPLACEMENT/CHANGING OF HP SAMPLE/IMPULSE PIPELINES:
1.04.01.	The damaged sample/impulse lines of diameter up to 25 mm to be replaced with new pipelines of the same diameter by cutting, grinding, proper edge preparation and IBR quality welding. New pipelines will be given by VSP

SCOPE OF WORK

Work Desc : **Capital Repair of Pressure Parts of Boiler-6**

free of cost, but they have to be collected from VSP stores by the contractor.

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

1.05.01. 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. The job includes the tracing station at 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 is part of the job. All oil line leakages up to the oil burners to be attended.

1.06.00. STRUCTURAL REPAIRS:

1.06.01. 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' mt.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.

1.07.00. DRUM INTERNALS:

1.07.01. 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.

1.07.02. Servicing of sample coolers, replacement of sample coolers if required, servicing / replacement of associated valves, repair of sample lines if necessary.

1.08.00. SERVICING OF HIGH PRESSURE VALVES:

Servicing of high pressure valves of different sizes and at different elevations in the boiler as per the instruction of the Engineer-in charge. These valves include gate, globe, control valves, safety valves (including ERV's) and NRV's. Some valves are hand operated and some are actuator operated valves (either electric or pneumatic drive). The job involves following.

1.08.01. Removal of actuator from the valve or hand wheel frame.

1.08.02. Dismantling the valve, removal of spindle, disc, seat, gland packing, followers, sealing rings, bearing if any. Servicing of actuator, drive bush, bearings to be checked, if required to be replaced. Actuator Gear Box oil to be changed.

1.08.03. Replacement/repair of defective parts, cleaning of all parts, lapping of disc with surface plate or glass or seat, blue matching of seat and disc assembly.

1.08.04. Assembly of the valve.

SCOPE OF WORK

Work Desc : **Capital Repair of Pressure Parts of Boiler-6**

1.08.05.	Mounting of actuator wherever applicable, after servicing the actuator.
1.09.00.	REPLACEMENT OF FLANGE/GLAND PACKINGS OF VALVES:
1.09.01.	Replacement of flange packing of flanged type valve wherever applicable.
1.09.02.	Replacement of gland packing of various sizes of valves.
1.10.00.	SAFETY VALVES SERVICING AND FLOATING:
1.10.01.	For all safety valves including ERV's besides the work mentioned in 1.08.00 to 1.08.05 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.
1.11.00.	REPAIR OF DAMPERS AND GATES:
1.11.01.	Disconnection of drive links.
1.11.02.	Checking manual operation of dampers and gates.
1.11.03.	Cleaning & necessary repair work of dampers and gates.
1.11.04.	Servicing of bushes / bearings and replacement if required and greasing of the bushes/bearings.
1.11.05.	Setting /repair /replacement of seating arrangement. Perfect closing of dampers/gates is to be ensured.
1.11.06.	Servicing of actuator & gear boxes if found to be jammed or problematic.
1.11.07.	Ensure free operation after connection of actuators.
1.11.08.	Necessary scaffolding for the above job to be made and same is to be removed after completion of job.
1.11.09.	Following dampers are to be serviced: a. Guillotine gates at ESP inlet, outlet, ID fan inlet & outlet -8 nos. b. FD fan outlet dampers - 2 nos. c. PA fan outlet gates - 2 nos. d. Secondary air dampers - 60 nos. e. Scanner fan discharge flaps- 1 no.
1.11.10.	The filter of scanner fan has to be cleaned or replaced, if required.
1.12.00.	REPAIR OF DUCTS AND EXPANSION JOINTS:
1.12.01.	Complete cleaning inside all ducts (Hot air, Cold air and 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 & shifted to a place as shown by Engineer-I/C.
1.12.02.	Inspection of above ducts and related expansion joints. Necessary repair of ducts/expansion joints. Removal of insulation & 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.

SCOPE OF WORK

Work Desc : **Capital Repair of Pressure Parts of Boiler-6**

1.12.03.	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. 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.
1.12.04.	Primary air heater expansion joints have to be repaired/ replaced with new expansion joints supplied by VSP.
1.13.00.	MINOR REPAIR OF BURNERS:
1.13.01.	Erection of temporary platforms, supports and scaffoldings as required around coal, oil and BFG burners area outside boiler for doing the following jobs. Same are to be dismantled and removed after work is completed.
1.13.02.	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. All damaged scanner and gun hoses to be replaced.
1.14.00.	MAJOR REPAIR OF BURNERS:
1.14.01.	More damaged coal, gas or oil burners to be taken out, as per the Engineer-in-charge instruction, after removal of associated piping. Damaged portion is to be removed and burner to be repaired with SS electrodes. Hard facing, if required, is to be carried out and burner to be put back in position. Hard facing electrodes and SS electrodes will be supplied by VSP. Removal of Coal pipes, bends and 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.
1.15.00.	REPAIR OF COAL PIPE BENDS:
1.15.01.	Removal of coal pipe bends (first and second bends near the burner), 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 after Engineer-In-Charge's instructions. Wherever required temporary platforms are to be made for removal of bends and same is to be removed after completion of job. In case, new bends are given by VSP the old ones have to hard faced & to be kept at a place is shown by Engineer in charge.
1.16.00.	REPAIR OF OIL GUNS:
1.16.01.	Removal, inspection, cleaning of oil guns, rectification of defects in assembly & fixing them back.
1.17.00.	REVISIONING OF BF GAS LINES, DRAINS & DRAIN POTS:
1.17.01.	All the drain pots in 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 are to be serviced and made through.
1.17.02.	Cleaning of inside BF Gas line at drum level and near the corners completely by opening the man holes. After all jobs are over, pressure testing to be carried out for detecting gas leakages from joints by soap

SCOPE OF WORK

Work Desc : **Capital Repair of Pressure Parts of Boiler-6**

solutions. Leakages are to be rectified.

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

1.17.04. All the header drains of BF gas lines have to be made through.

1.17.05. Fabrication of bends from 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.

1.18.00. REVISIONING OF GAS VALVES:

1.18.01. All the gas line valves below 1200 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.

1.18.02. All the valves above 1200 NB to be made free in position. Actuators are to be delinked. Bushes and 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 are to be serviced and defects to be rectified.

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

1.19.00. REVISIONING/OVERHAULING OF HANDLING EQUIPMENTS:

1.19.01. Following hoists are to be serviced in position and smooth operation to be ensured. Necessary bending/ welding of I-beam to be ensured for smooth operation. Greasing of gears, chains, and bearings is to be done. Defective parts are to be replaced. List of hoists is given below:
a) For PA Fan: 1 no,
b) For FD fan: 2 no,
c) For ID Fan: 1 no,
d) For APH: 2 no.
e) For Compressor House & Diesel Generator Set Room: 2 no.

1.20.00. REPLACEMENT OF FEED WATER ISOLATION VALVES:
Boiler Feed Water Isolation Valve in FRS full load (200 NB) and low load (100 NB) lines shall be replaced with new one, by cutting the existing valve as detailed below:

1.20.01. Transportation and lifting of the valve from stores to Site.

1.20.02. Removal of Insulation from header pipes & valves.

SCOPE OF WORKWork Desc : **Capital Repair of Pressure Parts of Boiler-6**

1.20.03.	Marking on the Pipe.
1.20.04.	Temporary anchoring structures for headers on both sides of the valve.
1.20.05.	Cutting and removal of valve, edge preparation of pipe and lowering of damaged valve.
1.20.06.	Servicing of the Valve and changing of gland packing for new valve.
1.20.07.	Grinding and reducing of valves ID to match with existing pipe line.
1.20.08.	Erection of valves in position and anchoring properly by welding temporary supports.
1.20.09.	Welding the joints (Root run with TIG and subsequent runs by arc welding with proper IBR approved electrodes).
1.20.10.	Radiography and Stress Relieving of Joints.
1.20.11.	Lowering the damaged valves and returning to Stores.
1.20.12.	Removal of Temporary supports and grinding the spots.
1.20.13.	Re-insulation of pipe and valve.
2.01.00.	REPAIR/ REPLACEMENT OF AIR PREHEATER HOT END BASKETS:
2.01.01.	Removal of top door with insulation. Removal of all 120 no 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 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 H.E baskets is over. Each basket shall be considered as one number for the purpose of payment.
2.02.00.	REPAIR/ REPLACEMENT OF AIR PREHEATER COLD END BASKETS:
2.02.01.	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 or replacement with new baskets as per the instructions of Engineer-In-Charge. Door plate and insulation is to be fixed back.
2.03.00.	AIR HEATER BEARINGS AND SEALS REPAIRS:
2.03.01.	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.
2.03.02.	Inspection/Servicing of coupling and gearbox and air motor of main drive. Necessary repair/replacement and alignment work to be carried out.

SCOPE OF WORK

Work Desc : **Capital Repair of Pressure Parts of Boiler-6**

2.03.03.	Inspection of Air Pre-heater rotor level and rectification if required. Inspection and necessary repair or replacement of axial, radial & by pass seals and tee-bars is to be done. Taking gap measurements of all axial, radial and by pass seals and necessary gap adjustments are to be carried out. Damaged Tee-bars and seals are to be replaced. Eroded bolts are to be replaced. General servicing of actuators also forms a part of the job.
2.03.04.	Checking the pin rack assembly. Blue matching of pin rack assembly with gear box output gear teeth and necessary adjustment if required.
2.03.05.	Servicing of APH Soot Blower pipe, nozzles, driving mechanism and all connected valves of APH.
2.03.06.	Cleaning of APH Hoppers and any structural repairs.
2.04.00.	REPLACEMENT OF GUIDE BEARING OR SUPPORT BEARING OF AIR PREHEATER:
2.04.01.	If the guide bearing or support bearing of Air Pre heater need 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, 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.
2.05.00.	OVERHAULING OF WALL SOOT BLOWERS:
2.05.01.	Wall soot blower to be cleaned thoroughly. Gear box oil is to be drained and fresh oil to be filled. Rack and pinion mechanism is to be cleaned and made free. Steam line flange gasket and valve gland packing are to be replaced, if required. Rotary and transverse drive motors are to be replaced, if instructed by the Engineer-in-Charge. If required, total wall soot blower assembly is to be replaced by a new one. Shifting of new assembly from store to site and old assembly from site to store is in the scope of the contractor.
2.06.00.	OVERHAULING OF SCANNER AIR FANS:
2.06.01.	Distance piece on the suction duct has to be removed first. Fan impeller is to be removed with puller. Motor foundation bolts to be removed and motor taken out from the base. New/ serviced motor to be placed in position and foundation bolts fixed. New or the old removed impeller, as per the instructions of Engineer-in-Charge is to be fixed on the motor shaft and lock nut tightened. Foundation bolts to be loosened and motor with impeller to be aligned properly to ensure that the impeller is not touching the casing at any place. Motor foundation bolts to be tightened properly. Distance piece to be fixed back in position after cleaning both side flanges and putting new gasket ropes. If any leakage is observed during trial run then that leakages are to be attended.
2.07.00.	PAINTING OF SAFETY VALVES:
2.07.01.	Painting of safety valves including supporting structure with Aluminium paint. Paint shall be supplied by VSP free of cost. The contractor has to

SCOPE OF WORK

Work Desc : **Capital Repair of Pressure Parts of Boiler-6**

make suitable scaffolding and take proper safety measures to do the work, as the work will be carried out at an elevation of about 55 metres on the roof of the boiler. Painting of all the safety valves of the boiler will constitute one BOQ quantity for billing purpose.

TERMS AND CONDITIONS

WORK DESC	: Capital Repair of Pressure Parts of Boiler-6
Cond No	Cond Desc
01.	TERMS AND CONDITIONS: 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.
02.	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.
03.	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 and transport them to the site.
04.	Electrical supply shall be given to a switch board to be arranged by the party. Separate individual connections to various equipments are to be drawn by a qualified electrician of the party. The contractor has to use all standard electrical fittings duly earthed.
05.	Flood lights/hand lamps required shall have to be arranged by the party. Only 24V Hand Lamps to be used.
06.	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.
07.	No workman will be allowed to work without wearing safety helmet and shoes.
08.	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.
09.	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.

TERMS AND CONDITIONS

WORK DESC	: Capital Repair of Pressure Parts of Boiler-6
Cond No	Cond Desc
11.	At any time during the course of capital repair, work should not get affected due to lack of Manpower or Tools & Tackles.
12.	The party should be in a position to start the work within a short notice.
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 capital repair jobs of Boiler-6 have to be carried out on round the clock basis.
15.	Boiler-6 capital repair 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 capital repair. 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 equipments 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 capital repair 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.	Sales tax clause: 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) Consumable to be supplied by Contractor: Special electrodes, filler rods for HP welding, cleaning agents such as rustolene, marking cloths, cotton waste. The deduction of Sales Tax shall be shall be done as per rules prevailing from time to time.
21.	Engineer-in-charge for the job shall be DGM (Mech.).
22.	The contract is valid for 6 months from the date of start mentioned in the work order.

TERMS AND CONDITIONS

WORK DESC : Capital Repair of Pressure Parts of Boiler-6	
Cond No	Cond Desc
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 & ASMA are not applicable for this contract.

ADDITIONAL SPECIAL CONDITIONS

Work Desc	Capital Repair of Pressure Parts of Boiler-6
Cond No	Cond Desc
01.	As it is a highly skilled nature of work and involves statutory authorities sub- contracting is not allowed.
02.	If the contractor intends to work through GPA the issue of such GPA (General Power Of Attorney) will be limited to the contractor himself/his partner/ Directors of the company/ his employee only.

QUESTIONNAIRE

Work Description. : Capital repair of Pressure Parts of Boiler-6.

Sl. No.	Condition Description	Agency's response
1.	Have you visited the Site and understood the site conditions and nature of job, scope of work, terms and conditions & manpower deployment needs. If the tenderer is not in a position to visit the site confirm that the tenderer has understood working conditions and nature of the job, scope of work, terms and conditions & manpower deployment needs.	Yes/No
2.	Whether you have experience in executing capital repair or erection & commissioning of coal fired boilers. If so please give details of work orders and proof of satisfactory work completion certificates of the same.	Yes/No
3.	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 whether certification of work completion with reference to qualifying work order issued by principal employer to contractor and contractor to the agency or a certification for work completion issued by principal employer to the agency was submitted as a link up and proof for eligibility? 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
4.	Whether you have experience in bi-sector/tri-sector rotary type Air Pre-Heater erection and/or repair and maintenance activities like hot/cold baskets removal/replacement, support and guide bearing replacement, seal setting, etc.? If so, please provide documentary evidence.	Yes/No
5.	Whether you have experience in repair & maintenance or erection & commissioning of coal/gas/oil burners? If so, please provide documentary evidence.	Yes/No
6.	Confirm, whether you have experienced IBR certified welders in your roll. Alternately can you arrange such welders whenever required?	Yes/No
7.	Boiler-6 capital repair 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 capital repair. 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. Please confirm.	Yes/No

Note: Condition no:1,2,3,4 and 6 are fatal. Negative response to any one of these questions will make the offer liable for rejection. If the party says 'yes' he should enclose relevant documents in support of the claim. Without proper documents the offer is liable for rejection. .

FORM 'C'
RASHTRIYA ISPAT NIGAM LIMITED
VISAKHAPATNAM STEEL PLANT
WORKS CONTRACTS DEPARTMENT
VISAKHAPATNAM-530031
PHONE NO: (MAX)3691, TELEFAX NO:0891-2518763

Name of the work : CAPITAL REPAIR OF PRESSURE PARTS OF BOILER-6

TENDER NO: 75422-0

PERIOD OF CONTRACT : 06 (Six) months OR
Till the completion of job whichever is earlier
DEFECT LIABILITY PERIOD : 03 (Three) months
ENGINEER : DGM (M) / TPP

ISSUED TO SRI/ M/s. _____

PRICE BID (PART-2)

Note: Tenderer has to fill the data wherever and whatever required in the tender schedule without fail and sign all the pages

No of pages of BOQ alone : 04 (FOUR) pages only

Total No. of pages : 05 (FIVE) pages only

(FOR OFFICE USE ONLY)

1. E.M.D. PARTICULARS	:	
2. SI. No.	:	OUT OF TENDERS
3. COVERING LETTER	:	NO. OF PAGES:
4. REBATE OFFERED	:	
5. RATE WRITTEN IN WORDS	:	
6. VALIDITY OF TENDER	:	4 MONTHS FROM THE DATE OF OPENING
SIGNATURE OF CONTRACT DEPT. REPRESENTATIVE		SIGNATURE OF FINANCE DEPARTMENT REPRESENTATIVE



RAHSTRIYA ISPAT NIGAM LIMITED
VISAKHAPATNAM STEEL PLANT
VISAKHAPATNAM - 530031

BILL OF QUANTITIES

PR No / Date: 73001079 / 28.08.2015	Report Date : 28.08.2015
Pur . Org.: WORKS CONTRACTS	
MSS: 5050615804 : CAP. REPAIRS OF PRES.PARTS OF BOILER - 6	
CAP. REPAIRS OF PRES.PARTS OF BOILER - 6	

The BOQ Items are taken as per the following Rates.						
		Central Rates	VSP Rates			
Skilled		367.000	599.400			
Semi Skilled		312.000	514.250			
Unskilled		276.000	458.500			
Sl.No	Service Number	Description of the item	Qty	UOM	Rate	Amount
1	510006810	Erection of scaffolding and cleaning of pressure parts of Boiler-6 as per scope of work S. No. 1.01.00 to 1.01.11.	1.000	NO	240,408.00	240,408.00
2	510006811	Replacement of furnace peep hole doors of Boiler-6 as per scope of work S.No. 1.02.01.	10.000	NO	732.67	7,326.70
3	510006812	Replacement of Boiler pressure parts of Boiler-6 as per scope of work S.No 1.03.01 to 1.03.06. Replacement of water wall tubes of 63.5x4.8 shall be taken as an equivalent joint for the purpose of calculation of other joints.	200.000	NO	1,717.20	343,440.00
4	510006809	Replacement of HP Sample/impulse pipe lines of Boiler-6 as per scope of work S.No 1.04.01.	100.000	M	152.64	15,264.00
5	510006806	Servicing of FO Station of Boiler-6 as per S. No. 1.05.01 of Scope of work.	1.000	NO	32,436.00	32,436.00
6	510006807	Structural repair of Boiler-6 as per S.No.1.06.01 of scope of work.	5.000	TO	9,301.50	46,507.50
7	510006808	Servicing of drum internals and sample coolers of Boiler-6 as per S. No. 1.07.01 to 1.07.02 of scope of work.	1.000	NO	23,373.00	23,373.00
8	510006813	Overhauling/Servicing of valves of Boiler-6 as per S. No. 1.08.01 to 1.08.05 of scope of work a) Valve size up to 100 NB.	70.000	NO	1,335.60	93,492.00
9	510006818	Overhauling/Servicing of valves of Boiler-6 as per S. No. 1.08.01 to 1.08.05 of scope of work b) Valve size above 100 NB to 350 NB.	24.000	NO	2,647.35	63,536.40
10	510006819	Replacement of gland/flange packing of valves of Boiler-6 as per S. No. 1.09.01 to 1.09.02 of scope of work for valve size up to Nb 100.	65.000	NO	591.48	38,446.20
11	510006820	Safety valve servicing and floating of Boiler-6 as per S. No. 1.10.01 of Scope of work.	5.000	NO	4,865.40	24,327.00
12	510006817	Overhauling of dampers and gates of Boiler-6 as per S. No. 1.11.01 to 1.11.10 of scope of work.	1.000	NO	140,238.00	140,238.00



RAHSTRIYA ISPAT NIGAM LIMITED
VISAKHAPATNAM STEEL PLANT
VISAKHAPATNAM - 530031

BILL OF QUANTITIES

Sl.No	Service Number	Description of the item	Qty	UOM	Rate	Amount
13	510006814	Repair of ducts and expansion joints of Boiler-6 as per scope of work S. No.1.12.01 to 1.12.04.	1.000	NO	9,182.25	9,182.25
14	510006815	Minor repair of burners of Boiler-6 from inside the furnace as per scope of work S. No. 1.13.01 to 1.13.02.	1.000	NO	27,666.00	27,666.00
15	510006816	Major repair/replacement / and fixing back coal/gas burner of Boiler-6 as per S. No. 1.14.01 of scope of work.	20.000	NO	4,340.70	86,814.00
16	510006805	Repair of coal pipe ends of Boiler-6, hard facing and fixing back as per scope of work S. No. 1.15.01.	25.000	NO	3,577.50	89,437.50
17	510006794	Repair of oil guns of Boiler-6 as per S. No. 1.16.01 to 1.16.02 of scope of work	12.000	NO	1,192.50	14,310.00
18	510006795	Inspection/cleaning of BF Gas lines and cleaning of drain pots of Boiler-6 as per S.No 1.17.01 to 1.17.05 of scope of work.	1.000	NO	14,310.00	14,310.00
19	510006796	Revisoning of Gas Valves of Boiler-6 as per S. No. 1.18.01 to 1.18.03 of scope of work a) Size above 1200 mm.	2.000	NO	12,306.60	24,613.20
20	510006793	Revisoning of Gas Valves of Boiler-6 as per S. No. 1.18.01 to 1.18.03 of scope of work b) Size 250 - 1200 mm.	12.000	NO	7,488.90	89,866.80
21	510006790	Revisoning of Gas Valves of Boiler-6 as per S. No. 1.18.01 to 1.18.03 of scope of work c) Size 50 mm.	2.000	NO	228.96	457.92
22	510006791	Revisoning of handling equipment of Boiler-6 as per S. No. 1.19.01 of Scope of work.	1.000	NO	20,511.00	20,511.00
23	510006792	Replacement of feed water isolation valve in FRS full load line of Boiler-6 (200 NB size) as per SOW S. No. 1.20.01 to 1.20.13.	1.000	NO	91,107.00	91,107.00
24	510006797	Replacement of feed water isolation valve in FRS low load line of Boiler-6 (100 NB size) as per SOW S. No. 1.20.01 to 1.20.13.	1.000	NO	30,051.00	30,051.00
25	510006802	Removal, repair/replacement & fixing back of APH hot end baskets of Boiler-6 as per S.No.2.01.01 to 2.01.03 of scope of work.	120.000	NO	715.50	85,860.00
26	510006803	Removal,repair, cleaning & fixing back of cold end baskets of Boiler-6 as per S. No. 2.02.01 of scope of work.	120.000	NO	620.10	74,412.00
27	510006804	Repair of APH bearings, seals, etc. of Boiler-6 as per S.No 2.03.01 to 2.03.06 of scope of work.	1.000	NO	78,705.00	78,705.00
28	510006801	Replacement of guide or support bearing of Air Pre heater of Boiler-6 as per S.No. 2.04.01 of SOW.	1.000	NO	49,608.00	49,608.00
29	510006798	Overhauling of Wall Soot Blowers of Boiler-6 as per S. No.	40.000	NO	8,586.00	343,440.00



RAHSTRIYA ISPAT NIGAM LIMITED
VISAKHAPATNAM STEEL PLANT
VISAKHAPATNAM - 530031

BILL OF QUANTITIES

Sl.No	Service Number	Description of the item	Qty	UOM	Rate	Amount
		2.05.01 of Scope of Work.				
30	510006799	Overhauling of Scanner Air Fans of Boiler-6 as per S. No. 2.06.01 of Scope of Work.	2.000	NO	4,197.60	8,395.20
31	510006800	Painting of safety valves of Boiler-6 as per S. No. 2.07.01 of Scope of Work.	1.000	SET	13,356.00	13,356.00
Total Value: In words : twenty two lakh twenty thousand eight hundred ninety seven rupees sixty seven paise						2,220,897.67



FORM 'G'
RASHTRIYA ISPAT NIGAM LIMITED
VISAKHAPATNAM STEEL PLANT
WORKS CONTRACTS DEPARTMENT
BILL OF QUANTITIES (BOQ)

TENDER NO: 75422-0

Name of the work :

CAPITAL REPAIR OF PRESSURE PARTS OF BOILER-6

1. The quantities indicated are approximate and may vary to a wide range. Payment shall be made as per the actual work carried out at corresponding accepted rate.
2. Wherever old items are replaced for fixing new items, all related connections are to be made good for proper functioning of new items. Dismantled / old items are to be handed over to the stores.

No.	DESCRIPTION	UNIT	QTY.	RATE (₹.)	AMOUNT (₹.)
1.	As per the detailed Bill of Quantities enclosed in 03 (THREE) pages ESTIMATED VALUE (RUPEES TWENTY TWO LAKHS TWENTY THOUSAND EIGHT HUNDRED NINETY SEVEN AND PAISE SIXTY SEVEN ONLY)			AS PER DETAILED BILL OF QUANTITIES ENCLOSED	22,20,897=67

TOTAL AMOUNT QUOTED IN FIGURES: Rs. _____

TOTAL AMOUNT QUOTED IN WORDS: Rs. _____

only.

- Note:
1. Tenderer shall write their quoted offer both in WORDS and FIGURES. The quoted offer in WORDS shall be in CAPITAL / BLOCK letters.
 2. If there is discrepancy between the amount mentioned in FIGURES and the amount mentioned in WORDS, the amount as mentioned in WORDS only shall be taken as the quotation of the tenderer.
 3. **THE ESTIMATE OF THIS TENDER IS BASED ON THE RINL / VSP APPROVED WAGE RATES, CONSEQUENT TO THE MINIMUM WAGE OF CONTRACT WORKER AS NOTIFIED BY THE REGIONAL LABOUR COMMISSIONER (CENTRAL), HYDERABAD, WHICH IS GIVEN BDLW. IN CASE REVISION IN THE MINIMUM WAGES OF CONTRACT TAKES PLACE, ESCALATION DUE TO THIS SHALL BE PAYABLE TO THE CONTRACT AS PER THE ESCALATION FORMULA INDICATED IN THE SPECIAL CONDITIONS OF CONTRACT :**

	UNSKILLED WORKER	SEMI-SKILLED WORKER	SKILLED WORKER
RINL/VSP APPROVED RATE (IN RUPEES)	458=50	514=25	599=40
MINIMUM WAGES AS NOTIFIED BY THE RLC (CENTRAL), HYDERABAD (IN RUPEES)	276=00	312=00	367=00