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 : REPAIR & REPLACEMENT JOBS OF CCP EQUIPMENTS AT CO&CCP (PART-II)

TENDER NO: 74412-0

PERIOD OF CONTRACT : 12 (Twelve) Months
DEFECT LIABILITY PERIOD : 03 (Three) Months
ENGINEER : SENIOR MANAGER (M) – CO&CCP
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 : 21 (Twenty One) 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**

VISAKHAPATNAM STEEL PLANT
WORKS CONTRACTS DEPT., VISAKHAPATNAM -530031 (A.P.)
TELEFAX: 0891-2518763 TEL NO: 0891-2758705, 2518763

OPEN TENDER NOTICE NO: VSP/WC/CO&CCP/74412-0/OT/2014 Dated 19-03-2015

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***

74412-0 REPAIR & REPLACEMENT JOBS OF CCP EQUIPMENTS AT CO&CCP (PART-II)

Note : Agencies having experience in "Dismantling, fabrication, erection of structural works / pipeline work and valve works" will only be considered.

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)	
74412-0	800/-	800/-	24.09	14.45	37,500/-

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: **28-02-2015** 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**.31-03-2014.** 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.

4. 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 (incase 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 04.04.2015**

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 03.04.2015**

7.0. Tenders will be received in the office of Dy General Manager (Works Contracts) I/c, **up to 03.00 PM on 04.04.2015 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. 74412-0

Name of the Work : REPAIR & REPLACEMENT JOBS OF CCP EQUIPMENTS AT CO&CCP (PART-II)

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 the tenderer/designated representative participates for other than his tender his gate pass will be cancelled 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 Dy GM (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 Visakhaptnam. 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: -

a. Proof of enlistment with NSIC and with particulars of relevant trade/item.

b. Registration details of the particular trade/item for which this tender is relevant, by way of submission of 'Ácknowledgement of Enterpreneur 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,

c. 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

a) 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.

b) 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.

c) 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.

d) Tenders not satisfying the requirements as per NIT will not be opened.

SPECIAL CONDITIONS OF CONTRACT (SCC)

1. General: The special conditions of the contract (SCC) are complementary to and shall be read in conjunction with General Conditions of Contract (GCC) of VSP for works contracts. Scope of work, Bill of Quantities and other documents form part of the Tender Documents. In case of any conflict of meaning between SCC & GCC, provisions of SCC shall over ride the Provisions of GCC.
2. Visakhapatnam Steel Plant reserves the right to accept or reject the lowest or any other tender without assigning any reason and the work may be awarded to one of the Tenderers or to more than one tenderer.
3. The contract shall be treated as having been entered into from the date of issue of the letter of intent/work order to the successful tenderer, unless otherwise specified.
4. WATER, POWER AND COMPRESSED AIR: Unless otherwise specified to the contrary in the tender schedule, the contractor is entitled to use in the work such supplies of water, power and compressed air (Basing on availability) from VSP's sources from approved tapping points, free of cost. The contractor shall make his own arrangement for drawing the same to the work spot.
5. **The successful tenderer shall produce 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 exgratia amount of Rs.5,00,000/-** (Rupees Five lakhs only) per head in case of fatal accidents while on duty, to the contract labour engaged by him in addition to the coverage under ESI Scheme / Workmen Compensation Insurance Policy whichever is applicable. As and when a fatal accident takes place while on duty along with the benefits under the ESI Scheme / Workmen Compensation, whichever is applicable, the contractor is required to pay the ex-gratia amount within 30 (Thirty) days from the date of accident to the legal heir of the deceased. **In case of any delay in paying the ex-gratia amount as above, the Employer has the right to pay such amount directly to the legal heir of the deceased and recover the same from the contractor's running / future bills.** This insurance policy is to be taken by the contractor over and above the provisions specified under Clause No. 6.13 (Third Party) and 6.14 (ESI Act) of the General Conditions of Contract.

a(iii) **Copy of the policy for third party insurance** as stipulated in Clause 6.13 of the GCC.

b) Labour License obtained from Assistant Labour Commissioner (Central), Visakhapatnam.

c) PF Registration Certificate issued by PF Authorities

d) **Safety clearance** from Safety Engineering Department of VSP.

7. The contractor shall submit wage records, work commencement/completion certificate etc. and obtain necessary clearance from Contract Labour Cell of VSP for bills clearance.

8. The contractor shall ensure strict compliance with provisions of the Employee's Provident Fund Act, 1952 and the scheme framed there under in so far as they are applicable to their establishment and agencies engaged by them. The contractor is also required to indemnify the employer against any loss or claim or penalties or damages whatsoever resulting out of non- compliance on the part of the contractor with the provisions of aforesaid act and the schemes framed there under. A copy of the provident fund membership certificate/PF CODE number shall be submitted by the contractor.

9. The contractor shall follow the provisions of Indian Factories Act and all rules made there under from time to time as applicable and shall indemnify the employer against all claims of compensations under the provisions of the act in respect of workmen employed by the contractor in carrying out the work against all costs, expenses and penalties that may be incurred by the employer in connection therewith.

10. a) Total amount quoted shall be inclusive of all taxes, levies, duties, royalties, overheads and the like but excluding 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:

a) The contractor and his workers must strictly take all safety precautions and shall supply to his workers dependable safety appliances like hand gloves, safety boots, safety belt, safety helmets, duster cloth, dust mask/nostril filter etc. In addition to this, contractor shall also provide additional safety appliances as per requirement and follow safe working practices like using fully insulated electrode holders etc. He shall also ensure that his workmen intelligently use only dependable safety appliances supplied to them.

b) The contractor shall take adequate safety precaution to prevent accidents at site. The contractor shall also ensure that his employees observe the statutory safety rules and regulations and also those laid down by the employer from time to time and promptly submit report of accident and state the measures taken by him to prevent their recurrence and also keep the employer indemnified of all claims arising out of such accidents.

c) No Workmen shall be engaged on the work without proper safety induction and without using required PPE. Use of safety helmet and shoe is must excepting in painting works where shoe will not be used.

d) All the safety appliances required for safe working as decided by SED/Contract operating department shall be provided by the contractor to his workmen.

e) Clearance to start the job will be obtained by the contractor in form 'A&B' before start of work. The forms may be obtained from the dept. concerned.

f) Works at height cannot be started without clearance from Zonal Safety Officer. The workers engaged for work at height shall possess height pass from SED. The names of workmen working at height or in hazardous areas will be written on the body of form "B".

g) Contravention of any safety regulation of VSP in vogue from time to time will result into work stoppage, levying penalties and ultimately in contract termination. The list of safety violations category wise are as follows:

Cagetory	Safety violations	Fine
I	1. Occasional violation of not wearing crash helmet	First offence: Rs.100/- Second or subsequent offences: Rs.300/-
	2. Driver of two wheeler carrying more than one pinion rider	First offence: Rs.100/- Second or subsequent offences: Rs.300/-
	3. Wrong parking of vehicle	First offence: Rs.100/- Second or subsequent offences: Rs.300/-
II	<u>MINOR VIOLATIONS</u> 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	

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

	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.	Rs.1,00,000/- or 2.5% of contract value whichever is less.
	2. Fatal accident cases	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.

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 REGULALTIONS: 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:

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

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.

Xo = 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 Xo:

X= (a*USR + b*SSR + c*SKR)/(a+b+c)

Xo= (a*USRo + b*SSRo + c*SKRo) / (a+b+c)

L= (a*USRo + b*SSRo + c*SKRo)/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

USRo= RINL/VSP approved wage rate for USW based on which the Estimate of work was prepared.

SSRo= RINL/VSP approved wage rate for SSW based on which the Estimate of work was prepared.

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

LAPSE	ACTION BY VSP
1. a) Payment of wages at rates less than those notified under the minimum wages.	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.
b) Non-payment of ad-hoc amount	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.
2. Non payment of wages	An amount equivalent to wages payable by the contractor applicable for the relevant period shall be recovered from the bills as certified by the Engineer.
3. Non Payment of PF	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.
4. Delayed Payment of PF	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.

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*	₹. 22.05ps	₹. 24.97ps	₹.29.35ps	After the Contractor makes payment to the workmen in the presence of ***Engineer I/C and CLC representatives,*** *a cer*tificate to this effect is to be enclosed with pre-final bill. (***to be paid with pre-final bill***)
02	*Retrenchment compensation*	₹. 11.03ps	₹. 12.49ps	₹. 14.67ps	
03	*Leave with wages*	₹. 13.57ps	₹. 15.37ps	₹. 18.06ps	
Sub-total		₹. 46.65ps	₹. 52.83ps	₹. 62.08ps	
04	*Bonus*	₹. 11.55ps	₹. 11.55ps	₹. 11.55ps	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		₹. 58.20ps	₹. 64.38ps	₹. 73.63ps	
10% towards profit and overheads of Contractor		₹. 05.82ps	₹. 06.44ps	₹. 07.36ps	
Total recovery amount		₹. 64.02ps	₹. 70.82ps	₹. 80.99ps	

Note:

*i) The above recovery rates are effective from **01/10/2013.** 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 :

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.

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SCOPE OF WORK

Work Desc : **Repair & Replacement Jobs of CCP Equipments at CO&CCP (Part-II)**

Cond No	Cond Desc
1.00	SCOPE OF WORK COMMON FOR ITEM SL. NOS. 01 TO 50
1.01	Taking delivery of materials from VSP's supply points fabricating, transporting to site erecting and fixing/ repair in position at all heights and depths in Coal Chemical Plants all types of structures and pipe lines as per BOQ. The rate includes dismantling / removal of old structurals / pipe lines and their transportation to the specified areas at site. No separate measurement shall be made for dismantling.
1.02	Cutting of stainless steel plates and pipe should be done with parting wheel/plasma cutting machine only, and all the stainless steel welding should be done by using welding generator only (DC Arc welding generators).
1.03	Wherever, replacement of valves and fabrication of bends are involved in replacement of damaged pipelines no separate measurement for valves and bends will be entertained since the rates are inclusive of the same. Where ever valves replacement /revisioning is done separately, due to site conditions, separate measurement will be made for payment. Necessary isolation by blanking, deblanking to be done by the agency for the pipe to be changed/repaired for which no separate measurement shall be done. Wherever only blanking/Deblanking is done, separate measurement shall be made.
1.04	Incase of repair / replacement of steam jacketed pipelines only mother pipe shall be measured for payment. All the jacketed pipelines should be hydraulically pressure tested up to 20 Kg/sq. cm. Pressure and rate mentioned are inclusive.
1.05	All type of tools and special consumables for TIG welding, cutting & grinding wheels etc., should be arranged by the contractors.
1.06	X-Ray testing for TIG weld joints shall be at the expense of contractual agency and no separate payment will be made. Rate mentioned are inclusive of testing charges. Joints for testing shall be identified by the representative of Engineer in charge and test report along with films should be submitted to VSP before commissioning of equipments.
1.07	All types of tools, tackles, cutting sets (Min. 8 sets), welding machines (Min. 7 Nos.), scaffolding materials, labour resources and safety appliances required for the jobs/ workmen are under the contractor's scope.
2.00	ADDITIONAL SCOPE OF WORK FOR ITEM NO. 48
2.01	Collection of materials and fabrication of saddle supports for various sizes of pipes
2.02	Dismantling of existing damaged pipe supports by lifting and supporting the pipe lines
2.03	Alignment & fixing of new supports and welding

Signature of the Tenderer

SCOPE OF WORK

Work Desc : **Repair & Replacement Jobs of CCP Equipments at CO&CCP (Part-II)**

2.04	Blanking and deblanking of pipe line before welding the supports will be measured against BOQ 34 to 37 as per the size.
3.00	ADDITIONAL SCOPE OF WORK FOR ITEM NO. 49
3.01	Persons are to work inside the evaporator with necessary safety precautions.
3.02	Manhole covers, diffuser, T-pieces are to be removed & boxed up after completion of work inside the evaporator
3.03	Disturbed baffle plates are to be positioned & aligned
3.04	Old wear plates are to be removed, new wear plates are to be hard faced and fixed and cutting and welding to be done inside the evaporator
3.05	Blanking & deblanking of all communication lines connected with evaporator work will be measured in BOQ No. 34 to 37 as per size.
4.00	ADDITIONAL SCOPE OF WORK FOR ITEM NO. 50
4.01	Removal of burners, cleaning, dismantling, revisioning / repair and re-fixing
4.02	Leakage testing and arresting if any
4.03	Blanking & deblanking of communication lines connected with burners which will be measured in BOQ No. 34 to 37 as per size

Signature of the Tenderer

TERMS AND CONDITIONS

WORK DESC : Repair & Replacement Jobs of CCP Equipments at CO&CCP (Part-II)

Cond No	Cond Desc
1.00	Special terms & Conditions of Contracts:
1.01	Jobs which are of shut down in nature will affect the production and hence the job shall have to be executed / completed within the minimum possible time round the clock, with adequate mobilization and preparation in advance as per the protocol. The rate inclusive of all preparatory work also.
1.02	Only qualified and experienced workmen should be engaged on the jobs.
1.03	The jobs are to be executed in hazardous, gaseous and chemical atmosphere and hence the agency should take all necessary safety precaution before starting the work.
1.04	The executing agency should take all safety measures including work permit for the safety of the workmen and equipment during the execution of work.
1.05	Contractor's workmen and supervisors should use all safety appliances necessary for the safe working.
1.06	Crane / Hydra required for the work shall be given by VSP at free of charge wherever necessary.
1.07	The job completion period indicated for each job by the site Engineer should be completed by the agency within the time. The decision of the site engineer is final.
1.08	Scrap generated during repair work shall have to be transported by the agency to the scrap yard identified at site and stored after the completion of the each job. No separate payment shall be made for this work.
1.09	All materials, steels, spares, and consumables required for the work shall have to be collected by the agency from the VSP's supply points and no separate payment will be made. The rates are inclusive of this work.
1.10	All testing and commissioning / completion of jobs should be done to the complete satisfaction of the Engineer in charge/his representatives.
1.11	Defect liability period for the all the jobs is three months from the date of completion of the jobs and all the defects arised within the defect liability period should be rectified by the agency at free of cost.
2.00	SALES TAX CLAUSE: The scope of materials supply and consumables supply in the present proposal are as follows: a) Material to be supplied by VSP: All steels, pipes, pipe fittings, valves, equipment spares.

Signature of the Tenderer

TERMS AND CONDITIONS

WORK DESC : Repair & Replacement Jobs of CCP Equipments at CO&CCP (Part-II)

Cond No	Cond Desc
	b) Consumables to be supplied by VSP: Gases, power, packing materials, Bolts & nuts, lubricants, equipment spares, asbestos yarn, red oxide paint and water. c) Materials to be supplied by Contractor: Nil d) Consumables to be supplied by Contractor: Nil The deduction of sales tax shall be done as per the rules prevailing from time to time.
3.00	Job completion period : Twelve months (12) from the date of issue of LOI / Contract.
4.00	Defect liability period : Three (03) months from the date of completion of work.
5.00	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.

QUESTIONNAIRE

WORK DESC : Repair & Replacement Jobs of CCP Equipments at CO&CCP (Part-II)

Cond No	Cond Desc
1	The work consists of dismantling, fabrication, erection of structural works / pipe line works and valves works. Do you have experience? YES/NO
2	If yes, did you enclose experience certificates / work completion certificates. YES/NO
3	Do you agree that the work shall be executed directly by you and not through sub contract? YES/NO
4	Do you have equipments, machinery, tools and tackles needed to carry out the jobs mentioned in the BOQ? submit a list. Any other equipment , machinery, tools & tackles required to carryout the work and not given in the list shall be deployed by the contractor. YES/NO
5	Can you start the job with in the time limit specified in the contract? YES/NO
6	FATAL CLAUSE: Condition Nos. 1,2 and 3 of the questionaire are fatal conditions. If the agency fails to submit necessary documents with respect to above mentioned fatal conditions the offer of the agency shall be summarily rejected.

Signature of the Tenderer

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 : REPAIR & REPLACEMENT JOBS OF CCP EQUIPMENTS AT CO&CCP (PART-II)

TENDER NO: 74412-0

PERIOD OF CONTRACT : 12 (Twelve) Months
DEFECT LIABILITY PERIOD : 03 (Three) Months
ENGINEER : SENIOR MANAGER (M)-CO&CCP
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 : 06 (Six) pages only

Total No. of pages : 07 (Seven) 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**

RAHSTRIYA ISPAT NIGAM LIMITED
VISAKHAPATNAM STEEL PLANT
VISAKHAPATNAM - 530031

BILL OF QUANTITIES

PR No / Date: 73000076 / 06.09.2014 Report Date : 06.09.2014
Pur . Org.: WORKS CONTRACTS

MSS: 3150613003 : RPR & REPLACEMNT JOBS OF CCP EQPT(PT-II)
RPR & REPLACEMNT JOBS OF CCP EQPT(PT-II)

The BOQ Items are taken as per the following Rates.

	Central Rates	VSP Rates
Skilled	342.000	546.450
Semi Skilled	291.000	475.400
Unskilled	257.000	428.000

Sl.No	Service Number	Description of the item	Qty	UOM	Rate	Amount
1	510000390	DISMANTLING OF DAMAGED PORTION OF CHUTES,STRUCTURAL TANKS,DAMAGED GAS LINE,FL LINE,COLLECTION OF RAW STEEL BENDIDNG PLATES,FABRICTION AND ERECTION OF NEW SRUCTURAL INCLUDING PLATE WORK INCLUDDING APPLICATION OF 2 COATS OF PREMIER PAINTS.	100.000	TO	5,538.83	553,883.00
2	510000391	DISMANTLING OF DAMAGED PORTION OF CB TANK,TANKS ROOF,STRUCTURALS,PRODUCT LINES,VENT LINES,VALVES,STEEL COLLECTION,BENDING PLATE,FAB & ERECTION OF DAMAGED PORTION OF THE TANK/TANK ROOF,STRLS,PLATE WORK,INCLUDING APPLICATION OF 2 COAT OF PRIMER PAINTS	50.000	TO	5,745.69	287,284.50
3	510000392	FABRICATION & ERECTION OF BARRICADE AROUND THE TANK INCLUDING SCUFFOLDING AND DISMANTLING AFTER COMPLETION PER TANK	6.000	EA	26,411.86	158,471.16
4	510000393	DISMANTLING OF OLD DUCTLING,FABRICATION OF MS DUCTING OF SIZE 150MM DIA TO 650MM DIA OUT OF 2-4MM MS SHEETS,ERECTION & MAKING LEAK PROOF JOINTS	5.000	TO	8,310.89	41,554.45
5	510000394	REPLACEMENT OF DAMAGED STAINLESS STEEL CHUTES INCLUDING FABRICATION OF NEW CHUTES OUT OF SS PLATES	3.000	TO	12,357.94	37,073.82
6	510000360	REPLACEMENT OF DAMAGED HEAT EXCHANGERS,BUNDLES,SHIFTING OF PROCESS TANKS,REPLACEMENT OF DAMAGED GAS SEAL POTS INCLUDING MATCHING OF CONNECTED PIPING SUPPORTS & ISOLATION OF CONNECTED LINES BY BLANKING & DEBLANKING	50.000	TO	2,080.64	104,032.00
7	510000395	FABRICATION AND REPLACEMENT OF DAMAGED GAS SEAL POTS,FABRICATION OUT OF MS PLATES AND PIPES INCLUDING PLATES BENDING AND MAKING OF PIPE NIPPLES	3.000	TO	5,806.78	17,420.34
8	510000267	DISMANTLING OF DAMAGED PIPE LINES,FAB.& EREC.OF NEW PIPE & IMPULSE LINES ALONG WITH FLANGES,BENDS,TEES,VALVES,INSTRUMENTS BOSSES,SUPPORTS AT ALL HEIGHTS & DEPTHS INCLUDING TESTING & RECTIFICATION AND NEEDS ANY INSULATION BY BLANKING OF OF SIZE UPTO NB 25MM (MS)	650.000	M	32.27	20,975.50

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Sl.No	Service Number	Description of the item	Qty	UOM	Rate	Amount
9	510000268	DISMANTLING OF DAMAGED LINES,FAB.& EREC.OF NEW PIPE & IMPULSE LINES WITH FLANGES,BENDS,TEES,VALVES,INSTRUMENTS BOSSES,SUPPORTS,TESTING & RECTIFICATION OF SIZE 32MM TO 65MM (MS)	1,100.000	M	52.09	57,299.00
10	510000269	DISMANTLING OF DAMAGED LINES,FAB.& EREC.OF NEW PIPE & IMPULSE LINES WITH FLANGES,BENDS,TEES,VALVES,INSTRUMENTS BOSSES,SUPPORTS,TESTING & RECTIFICATION OF SIZE 80MM TO 125MM (MS)	1,700.000	M	111.18	189,006.00
11	510000270	DISMANTLING OF DAMAGED LINES,FAB.& EREC.OF NEW PIPE & IMPULSE LINES WITH FLANGES,BENDS,TEES,VALVES,INSTRUMENTS BOSSES,SUPPORTS,TESTING & RECTIFICATION OF SIZE 150MM TO 200MM (MS)	1,300.000	M	232.04	301,652.00
12	510000271	DISMANTLING OF DAMAGED LINES,FAB.& EREC.OF NEW PIPE & IMPULSE LINES WITH FLANGES,BENDS,TEES,VALVES,INSTRUMENTS BOSSES,SUPPORTS,TESTING & RECTIFICATION OF SIZE 250MM AND ABOVE (MS)	50.000	M	506.51	25,325.50
13	510000272	DISMANTLING OF DAMAGED LINES,FAB.& EREC.OF NEW PIPE & IMPULSE LINES WITH FLANGES,BENDS,TEES,VALVES,INSTRUMENTS BOSSES,SUPPORTS,TESTING & RECTIFICATION OF SIZE UPTO 25MM (SS)	130.000	M	43.13	5,606.90
14	510000273	DISMANTLING OF DAMAGED LINES,FAB.& EREC.OF NEW PIPE & IMPULSE LINES WITH FLANGES,BENDS,TEES,VALVES,INSTRUMENTS BOSSES,SUPPORTS,TESTING & RECTIFICATION OF SIZE 50 MM (SS)	270.000	M	78.57	21,213.90
15	510000274	DISMANTLING OF DAMAGED LINES,FAB.& EREC.OF NEW PIPE & IMPULSE LINES WITH FLANGES,BENDS,TEES,VALVES,INSTRUMENTS BOSSES,SUPPORTS,TESTING & RECTIFICATION OF SIZE 80 MM (SS)	270.000	M	148.38	40,062.60
16	510000275	DISMANTLING OF DAMAGED LINES,FAB.& EREC.OF NEW PIPE & IMPULSE LINES WITH FLANGES,BENDS,TEES,VALVES,INSTRUMENTS BOSSES,SUPPORTS,TESTING & RECTIFICATION OF SIZE 100 MM (SS)	270.000	M	177.95	48,046.50
17	510000276	DISMANTLING OF DAMAGED LINES,FAB.& EREC.OF NEW PIPE & IMPULSE LINES WITH FLANGES,BENDS,TEES,VALVES,INSTRUMENTS BOSSES,SUPPORTS,TESTING & RECTIFICATION OF SIZE 150 MM (SS)	100.000	M	394.81	39,481.00
18	510000277	DISMANTLING OF DAMAGED LINES,FAB.& EREC.OF NEW PIPE & IMPULSE LINES WITH FLANGES,BENDS,TEES,VALVES,INSTRUMENTS BOSSES,SUPPORTS,TESTING & RECTIFICATION OF SIZE 200-300 MM (SS)	35.000	M	426.73	14,935.55
19	510000278	DISMANTLING OF DAMAGED LINES,FAB.& EREC.OF	100.000	M	163.18	16,318.00

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Sl.No	Service Number	Description of the item	Qty	UOM	Rate	Amount
		NEW PIPE & IMPULSE LINES WITH FLANGES,BENDS,TEES,VALVES,INSTRUMENTS BOSSES,SUPPORTS,TESTING & RECTIFICATION OF SIZE 50 MM (MS STEAM JCKT)				
20	510000279	DISMANTLING OF DAMAGED LINES,FAB.& EREC.OF NEW PIPE & IMPULSE LINES WITH FLANGES,BENDS,TEES,VALVES,INSTRUMENTS BOSSES,SUPPORTS,TESTING & RECTIFICATION OF SIZE 80 MM (MS STEAM JCKT)	550.000	M	283.39	155,864.50
21	510000280	DISMANTLING OF DAMAGED LINES,FAB.& EREC.OF NEW PIPE & IMPULSE LINES WITH FLANGES,BENDS,TEES,VALVES,INSTRUMENTS BOSSES,SUPPORTS,TESTING & RECTIFICATION OF SIZE 100 MM (MS STEAM JCKT)	150.000	M	309.05	46,357.50
22	510000281	DISMANTLING OF DAMAGED LINES,FAB.& EREC.OF NEW PIPE & IMPULSE LINES WITH FLANGES,BENDS,TEES,VALVES,INSTRUMENTS BOSSES,SUPPORTS,TESTING & RECTIFICATION OF SIZE 125-200 MM (MS STEAM JCKT)	100.000	M	316.07	31,607.00
23	510000282	DISMANTLING OF DAMAGED LINES,FAB.& EREC.OF NEW PIPE & IMPULSE LINES WITH FLANGES,BENDS,TEES,VALVES,INSTRUMENTS BOSSES,SUPPORTS,TESTING & RECTIFICATION OF SIZE 25 MM (MS STEAM LINE)	1,050.000	M	73.75	77,437.50
24	510000283	DISMANTLING OF DAMAGED LINES,FAB.& EREC.OF NEW PIPE & IMPULSE LINES WITH FLANGES,BENDS,TEES,VALVES,INSTRUMENTS BOSSES,SUPPORTS,TESTING & RECTIFICATION OF SIZE 32-50 MM (MS STEAM LINE)	900.000	M	125.21	112,689.00
25	510000284	DISMANTLING OF DAMAGED LINES,FAB.& EREC.OF NEW PIPE & IMPULSE LINES WITH FLANGES,BENDS,TEES,VALVES,INSTRUMENTS BOSSES,SUPPORTS,TESTING & RECTIFICATION OF SIZE 80-100 MM (MS STEAM LINE)	200.000	M	248.68	49,736.00
26	510000285	COMPLETE ORGAN GAS TIG WELDING OF HIGH PRESSURE STAINLESS STEEL PIPING OF VARIOUS SIZES	24.000	INCH	2,256.02	54,144.48
27	510000286	COMPLETE GRINDING AND REVWELDING OF STAINLESS STEEL PIPES,JOINTS CONNECTED WITH SULPHATE PLANT EQPTS.OF PIPE SIZE NB50MM TO NB 250MM	700.000	EA	376.24	263,368.00
28	510000287	DISTMANTLING OF DAMAGED PIPE LINES BY HACKSAW CUTTING,FABRICATION OF NEW PIPE LINES WITH FLANGES,BENDS ETC,OUTSIDE THE BENZOL PLANT,ERECTION WITH SUPPORTS OF SIZE UPTO 25 MM (MS PIPE)	800.000	M	43.10	34,480.00
29	510000288	DISTMANTLING OF DAMAGED PIPE LINES BY HACKSAW CUTTING,FABRICATION OF NEW PIPE LINES WITH FLANGES,BENDS ETC,OUTSIDE THE BENZOL PLANT,ERECTION WITH SUPPORTS OF SIZE UPTO 32-65 MM (MS PIPE)	800.000	M	67.64	54,112.00
30	510000289	DISTMANTLING OF DAMAGED PIPE LINES BY	400.000	EA	144.28	57,712.00

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Sl.No	Service Number	Description of the item	Qty	UOM	Rate	Amount
		HACKSAW CUTTING,FABRICATION OF NEW PIPE LINES WITH FLANGES,BENDS ETC,OUTSIDE THE BENZOL PLANT,ERECTION WITH SUPPORTS OF SIZE UPTO 80-125 MM (MS PIPE)				
31	510000290	DISTMANTLING OF DAMAGED PIPE LINES BY HACKSAW CUTTING,FABRICATION OF NEW PIPE LINES WITH FLANGES,BENDS ETC,OUTSIDE THE BENZOL PLANT,ERECTION WITH SUPPORTS OF SIZE UPTO 25 MM (MS STEAM PIPE)	400.000	M	94.53	37,812.00
32	510000291	DISTMANTLING OF DAMAGED PIPE LINES BY HACKSAW CUTTING,FABRICATION OF NEW PIPE LINES WITH FLANGES,BENDS ETC,OUTSIDE THE BENZOL PLANT,ERECTION WITH SUPPORTS OF SIZE UPTO 32-50 MM (MS STEAM PIPE)	300.000	M	163.09	48,927.00
33	510000292	DISTMANTLING OF DAMAGED PIPE LINES BY HACKSAW CUTTING,FABRICATION OF NEW PIPE LINES WITH FLANGES,BENDS ETC,OUTSIDE THE BENZOL PLANT,ERECTION WITH SUPPORTS OF SIZE UPTO 80-150 MM (MS STEAM PIPE)	200.000	M	330.13	66,026.00
34	510000322	BLANKING / DEBLANKING OF PRODUCT PIPE LINE INCLUDING TAKING DELIVERY OF MATERIALS,PREPARATION OF BLANKS,GASKETS,SCAFFOLDINGS AT ALL HEIGHTS AND DEPTHS,CLEANING OF FLANGES OF SIZE 15-50MM	400.000	EA	123.71	49,484.00
35	510000323	BLANKING / DEBLANKING OF PRODUCT PIPE LINE INCLUDING TAKING DELIVERY OF MATERIALS,PREPARATION OF BLANKS,GASKETS,SCAFFOLDINGS AT ALL HEIGHTS AND DEPTHS,CLEANING OF FLANGES OF SIZE 65-125MM	450.000	EA	208.69	93,910.50
36	510000324	BLANKING / DEBLANKING OF PRODUCT PIPE LINE INCLUDING TAKING DELIVERY OF MATERIALS,PREPARATION OF BLANKS,GASKETS,SCAFFOLDINGS AT ALL HEIGHTS AND DEPTHS,CLEANING OF FLANGES OF SIZE 150-200MM	80.000	EA	313.47	25,077.60
37	510000325	BLANKING / DEBLANKING OF PRODUCT PIPE LINE INCLUDING TAKING DELIVERY OF MATERIALS,PREPARATION OF BLANKS,GASKETS,SCAFFOLDINGS AT ALL HEIGHTS AND DEPTHS,CLEANING OF FLANGES OF SIZE 250-350MM	30.000	EA	627.98	18,839.40
38	510000396	PLATE PATCH WORK ON PRODUCT TANKS & CO GAS PIPE LINES INCLUDES TAKING DELIVERY OF MATERIAL,FAB.OF PLATES,SCAFFOLDING ARRANGEMENTS ETC.& FIXING / WELDING IN POSITION AT DIFFERENT ELEVATION.	70.000	M2	2,834.23	198,396.10
39	510000256	REPLACEMENT / REVISIONING OF VALVES OF ALL TYPE INCLUDING STEMJACKETED PLUG VALVE & CONTROL VALVE:SIZE UPTO NB 25 MM	150.000	EA	181.84	27,276.00
40	510000257	REPLACEMENT/ REVISIONING OF VALVES OF ALL TYPE INCLUDING STEMJACKETED PLUG VALVE & CONTROL	150.000	EA	366.61	54,991.50

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Sl.No	Service Number	Description of the item	Qty	UOM	Rate	Amount
		VALVE:SIZE NB 32 TO NB 50 MM				
41	510000258	REPLACEMENT/ REVISIONING OF VALVES OF ALL TYPE INCLUDING STEMJACKETED PLUG VALVE & CONTROL VALVE:SIZE NB 80 TO NB 100 MM	150.000	EA	734.26	110,139.00
42	510000259	REPLACEMENT/ REVISIONING OF VALVES OF ALL TYPE INCLUDING STEMJACKETED PLUG VALVE & CONTROL VALVE:SIZE NB 150 TO NB 250 MM	50.000	EA	1,484.26	74,213.00
43	510000293	REPLACEMENT/REPAIR OF STEAM JUMPERS DIA 25 MM ON STEAM JACKETED PIPE LINES INCLUDES TAKING DELIVERY OF MATERIALS,FAB.OF BEND PIPES OF 25MM,SCAFFOLDING ARRANGEMENTS,BLANKING & DEBLANKING	200.000	EA	1,534.09	306,818.00
44	510000326	REMOVAL OF MANHOLE COVERS OF TANKS AT DIFFERENT HEIGHTS,SHIFTING TO SAFE WORKING PLACE,GAS CUTTING,WELDING A SUITABLE FLANGE WITH PIPES,SHIFTING BACK & FIXING THE MANHOLE COVER WITH INSTRUMENT	30.000	EA	1,472.88	44,186.40
45	510000294	FABRICATION,ERECTION,TESTING OF CO GAS LINES IN COAL CHEMICALS PLANT INCLUDING T-PIPES,BENDS / STUFFING BOX / BELLOW COMPENSATORS,SADDLE SUPPORTS,ROLLER SUPPORTS,JACK SUPPORTS,FLANGES,FLANGE PACKINGS,CONDENSATE NIPPLES,PURGING NIPPLES,SEAL POTS,MAN HOLES,BYPASS CONNECTIONS,INSTRUMENT BOXES ETC,AS PER THE DRG / SITE CONDITION AND AS PER THE DIRECTION OF SITE ENGINEER AND PER THE SCOPE OF WORK.	35.000	TO	12,515.69	438,049.15
46	510000295	DISMANTLING OF THE EXISTNG CO GAS LINES AS PER THE INSTRUCTION OF THE SITE ENGINEER AND LOADING TRANSPORTATION & UNLOADING THEM TO THE SITE / YARD SPECIFIED BY THE ENGINEER.(TRACTOR & TRAILOR WILL BE PROVIDED BY VSP ON FREE OF COST)	35.000	TO	2,236.55	78,279.25
47	510000296	REMOVAL,DISMANTLING,REPAIR / REVISIONING / ASSEMBLY,TESTING AND ERECTION OF GAS VALVES OF DIA DN 1000 TO 1400 AS PER THE DIRECTION OF THE SITE ENGINEER	10.000	EA	12,311.24	123,112.40
48	510000400	REPLACEMENT OF PIPE LINE SADDLE SUPPORTS WHICH INCLUDES DISMANTLING OF OLD SADDLE SUPPORTS,FABRICATION,FIXING & ALIGNMENT OF NEW SUPPORTS WITH PACKING PLATES FOR 50MM TO 100 MM DIAMETER PIPES.	200.000	EA	356.85	71,370.00
49	510000401	REPLACEMENT OF WEAR PLATES IN EVAPORATORS WHICH INCLUDES REMOVAL OF MANHOLES,DIFFUSER,SS 'T',OLD WEAR PLATE,POSITIONING OF DISTURBED BAFFLE PLATES,HARD FACING OF NEW WEAR PLATES AND FIXING	3.000	EA	8,944.80	26,834.40
50	510000362	REVISIONING & REPLACEMENT OF FURNACE BURNERS.	10.000	EA	883.60	8,836.00
Total Value: In words : forty eight lakh nineteen thousand seven hundred twenty seven rupees forty paise						4,819,727.40

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

TENDER NO: 74412-0

Name of the work :

REPAIR & REPLACEMENT JOBS OF CCP EQUIPMENTS AT CO&CCP (PART-II)

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 05 (Five) pages** **ESTIMATED VALUE ……** **(RUPEES FORTY EIGHT LAKHS NINETEEN THOUSAND SEVEN HUNDRED TWENTY SEVEN AND PAISE FORTY ONLY)**	**AS PER DETAILED BILL OF QUANTITIES ENCLOSED**			**48,19,727=40**

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 BDLOW. IN CASE REVISION IN THE MINIMUM WAGES OF CONTRACT TAKES PLACE, ESCLATION 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)	**428=00**	**475=40**	**546=45**
MINIMUM WAGES AS NOTIFIED BY THE RLC (CENTRAL), HYDERABAD (IN RUPEES)	**257=00**	**291=00**	**342=00**