

Dy. GENERAL MANAGER - WORKS CONTRACTS
RASHTRIYA ISPAT NIGAM LIMITED
VISAKHAPATNAM STEEL PLANT
VISAKHAPATNAM – 530 031
TELEFAX: 0891 – 2518763 PHONE: 0891-2758705

WORKS CONTRACTS DEPARTMENT

NOTICE INVITING TENDER (NIT)

VSP/WC/SMS/74603-0/OT/2014-15

Dt.28.03.2015

CORRIGENDUM

(POSTPONEMENT OF TENDER OPENING DATE)

NAME OF THE WORK : **MECHANICAL MAINTENANCE OF GCP
EQUIPMENTS IN SMS#2 AND MAN
POWER ASSISTANCE TO MECHANICAL
PLANNING SECTIONS OF SMS#2**

REF : OPEN TENDER NOTICE No: VSP/WC/SMS/74603-0/OT/2014-15
Dated 06.03.2015

IN PARTIAL MODIFICATION OF THE ABOVE TENDER, “TENDERING PROCESS” GIVEN IN THE ABOVE CITED TENDER NOTICE IS RESCHEDULED AS GIVEN BELOW :

| | | |
|---|---|---|
| A | LAST DATE FOR ISSUE OF TENDER SCHEDULES OR DOWNLOADING FROM OUR WEBSITE | UPTO 4.30 P.M. O N 10.04.2015 |
| B | LAST DATE FOR SUBMISSION OF TENDER | UPTO 3.00 P .M. O N 11.04.2015 |
| C | TENDER OPENING DATE | IMMEDIATELY A FTER 3.00 P.M. ON 11.04.2015 |

BUT FOR THE ABOVE CHANGES, ALL OTHER TERMS & CONDITIONS GIVEN IN THE ABOVE CITED TENDER NOTICE REMAIN UNALTERED. THE DETAILED RESCHEDULED NIT AND TENDER SCHEDULE FOR DOWNLOADING ARE AVAILABLE AT VSP’S WEBSITE www.vizagsteel.com

DEPUTY GENERAL MANAGER I/c - WORKS CONTRACTS

CHECK LIST**(TO BE SUBMITTED ALONG WITH PREQUALIFICATION BID)**

The Tenderers are requested to ensure submission of the following essential documents along with the Tender documents to avoid disqualification of their bids. However, the check list is not exhaustive and the tenderers are requested to go through the NOTICE INVITING TENDER AND RELATED DOCUMENTS carefully and fully for fulfillment of tender requirement.

| S.No. | ENLOSURES | Submitted (confirm by √) |
|-------|--|-----------------------------|
| 1. | Cost of Tender document (CTD) as per Para-1 of NIT | |
| 2. | Earnest Money Deposit (EMD)/Bank guarantee as per Para-1 of NIT. In case of exemption, proof of Enlistment with NSIC and with particulars of relevant trade / item as per Clause no.2 of Instructions to Tenderers. | |
| 3. | Statutory certificates like Electrical/Boiler License as per NIT, if applicable. | |
| 4. | Single similar Work Order. (Work order, BOQ & completion certificate) as per Para- 1&3 of NIT (APPLICABLE ONLY FOR OPEN TENDERS) | |
| 5. | Annual Turnover certificate for the last three years with certification from Practicing Chartered Accountant as per Para-1&3 of NIT (APPLICABLE ONLY FOR OPEN TENDERS) | |
| 6. | Copy of P.F. Registration certificate as per Para-4 of NIT (APPLICABLE ONLY FOR OPEN TENDERS) | |
| 7. | Copy of Registration letter issued by VSP/Proprietorship/Partnership deed/MOA along with Incorporation Certificate as per Para-3 of NIT (APPLICABLE ONLY FOR OPEN TENDERS) | |
| 8 | Ensure that the details specified in the Cl.No.44 of SCC of the tender document relating to Input Tax Credit (ITC) on APVAT Act are complied with. | |
| 09. | Signature with stamp in all pages of Tender document and accompanying papers/documents submitted | |
| 10. | Bank account detail as per clause No.42.2 of SCC | |
| 11. | e-mail address | |
| 12. | PAN No. | |
| 13. | Address for communication: | |
| 14. | Phone No. Mobile No. Landline No. & FAX No., if any | |
| 15. | Signed Integrity Pact is enclosed with Tender document, if applicable | |

SIGNATURE OF THE TENDERER



FORM 'C'

RASHTRIYA ISPAT NIGAM LIMITED
VISAKHAPATNAM STEEL PLANT
WORKS CONTRACTS DEPARTMENT
VISAKHAPATNAM – 530031

PHONE NO: (MAX) 22953, TELEFAX NO: 0891-2518763

Pre-Qualification cum Techno-Commercial Bid – (Part-1)**NAME OF THE WORK:**

**MECHANICAL MAINTENANCE OF GCP EQUIPMENTS IN SMS#2 AND
MANPOWER ASSISTANCE TO MECHANICAL PLANNING SECTIONS
OF SMS#2**

TENDER NO: 74603-0

Period of Contract : 12 (Twelve) Months
Defect Liability Period : 03 (Three) Months
Engineer : AGM (M) / SMS-2

Issued To Sri/ M/s. _____

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

Number of BOQ Pages Alone : NIL

Total Number of Pages : 31(Thirty One) Pages

(FOR OFFICE USE ONLY)

| | | |
|--|---|-----------------------------------|
| 1. E.M.D. PARTICULARS | : | |
| 2. S.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 |
| <div style="display: flex; justify-content: space-between; margin-top: 20px;"> <div>Signature Of Contract Department Representative</div> <div>Signature Of Finance Department Representative</div> </div> | | |

RINL Vigilance Toll Free Number: 1800 425 8878



RASHTRIYA ISPAT NIGAM LIMITED
VISAKHAPATNAM STEEL PLANT
WORKS CONTRACTS DEPARTMENT, VISAKHAPATNAM- 530031 (A.P.)
TELEFAX: 0891-2518763 TEL NO: 0891-2758705, 2518763

OPEN TENDER NOTICE NO: VSP/WC/SMS/74603-0/OT/2014-15 Dated 06.03.2015

1.0 Sealed Tenders on **TWO - BID SYSTEM (Techno-Commercial and Price Bid)** along with Earnest Money Deposit (EMD) are invited from **EXPERIENCED** Contractors having executed similar Works for the following Works:

| TENDER NO. | NAME OF THE WORK |
|-------------------|-------------------------|
|-------------------|-------------------------|

| | |
|----------------|---|
| 74603-0 | MECHANICAL MAINTENANCE OF GCP EQUIPMENTS IN SMS#2 AND MANPOWER ASSISTANCE TO MECHANICAL PLANNING SECTIONS OF SMS#2 |
|----------------|---|

Similar Experience Requirement : "The Agency Should Have Experience in " mechanical & pipe line maintenance in process industry".

| Tender Number | Cost of Tender Document (Non-Refundable) | Eligibility/ Experience requirements | | Earnest Money Deposit ₹ |
|----------------|--|---|----------------------------------|----------------------------|
| | By Hand/Download | Value of Single Similar Work executed (₹ in Lakhs) | Annual Turn over (₹ in Lakhs) | |
| 74603-0 | 1200/- | 49.00 | 21.40 | 75,000/- |

2.0 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, drawing 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 along with tender document will not be refunded under any circumstances upon receipt of tender.

3.0 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 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 in the Work Completion Certificate;
- b) for Turn Over Audited Balance Sheets certified by Practicing Chartered Accountant in case the Annual Turn-over is more than ₹40Lakhs (or) in case of Turn-Over being less than ₹40Lakhs either Turn-over Certificate in the prescribed format of VSP duly signed by a practising 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. in case of Registered Agencies and in case 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:

- (i) Tenderers shall submit P.F. Registration Certificate if available, if not available successful Tenderer shall submit P.F. Registration Certificate before commencement of the Contract.
- (ii) Tenderers shall submit VAT Registration Certificate under APVAT Act if available, if not available successful Tenderer shall submit VAT Registration Certificate under APVAT Act, wherever applicable, before signing the Work Order/Letter of Acceptance and submit a copy of the same.

4.0 The Tenderers are requested to note that:

4.1 The Offer shall be made in 02 (Two) Envelopes. **First Envelope** (to be superscribed as Envelope-1 with Name of the Work, Tender No.) should contain the Cost of the Tender Document (in case the Tender is down loaded from the web site), Earnest Money Deposit (EMD) separately in the form of DD/PO/BC etc (Refer to Instruction to Tenderer), Pre-Qualification Documents (Eligibility Criteria/Experience) duly signed / attested by the authorized Representative of the Company as per Para-1 read with Para-3 above and also Techno-Commercial Bid with filled-in Questionnaire along with details of Experience with supporting Documents and Terms & Conditions duly signed by Authorized Signatory with attested copies of Authorization. **The Second Envelope** (to be superscribed as Envelope-2, Price-Bid, Name of the Work, Tender No.) shall contain Price Bid only in the Format of VSP.

4.2 The first cover shall be opened initially and only on satisfying the eligibility criteria, 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 will be subsequently displayed in the Notice Board of Works Contracts only and no individual communication to Tenderers will be made.
- 4.3 **The Documents submitted in the first Envelope by the Tenderers in respect of Pre-Qualification criteria are final and no further correspondence / clarifications/submissions in this regard shall be entertained.**
 - 4.4 Scope of Work, Bill of Quantities (BOQ), Terms & Conditions given in the Tender Documents (placed in the website) are 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/alterd/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.
 - 4.5 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.
 - 4.6 The Tenderer shall download the "TENDER SCHEDULE" available on the website in totality and submit the same duly signed on each page. **At 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 amendments will be notified on RINL's website at regular intervals.**
 - 4.7 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 updating done to their original offer and the order of prevalence of revised offer vis-a-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 General Manager (Works Contracts), Visakhapatnam Steel Plant duly signed on each page by the Tenderer **on or before 03:00PM on 24.03.2015.**
 - 6.0 Non-transferable Tender Document can also be obtained from the office of General Manager (Works Contracts), VSP on written request on Bidder's Letter Head on payment of Tender cost in the form of DD/BC/PO during working hours 10AM to 4:30PM **on or before 4:30PM on 23.03.2015.**
 - 7.0 Tenders will be received in the office of General Manager (Works Contracts), **up to 03:00PM on 24.03.2015 and Envelope-1 will be opened immediately thereafter.**
 - 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 anywhere in VSP will also be terminated with attendant fall outs like forfeiture of E.M.D./Security Deposit, if any, and recovery of Risk and Cost charges etc. Decision of V.S.P Management will be final and binding.
 - 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. Registration/ITCC/Electrical Licence/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.
 - 12.0 VSP after opening of Tender/Bid Document may seek in writing, Documents/Clarifications which are necessary for evaluation of Tender/Bid Document from the Tenderers/Bidders or issuing authority for confirmation of eligibility/pre-qualification stipulated in the NIT.

For General Manager (Works Contracts)

FORM – A

Ref. Tender No.

74603-0

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SIGNATURE OF THE TENDERER



**Name of the Work : MECHANICAL MAINTENANCE OF GCP EQUIPMENTS IN SMS#2 AND
MANPOWER ASSISTANCE TO MECHANICAL PLANNING SECTIONS
OF SMS#2**

To
The General Manager
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:

Vendor Code:

Yours faithfully,

(Signature of Contractor)

Name:.....

**1) INSTRUCTIONS TO TENDERERS**

- a) Tenders shall be submitted in the office of the General Manager (Works Contracts), 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) 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.
- h) 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.
- i) General Conditions of Contract of VSP for Works Contracts are available in the Office of GM (Works Contracts) and also in VSP's web site for reference. The tenderers shall study and understand all the relevant provisions before quoting.
- j) Tenders shall be kept open for acceptance for a period 4 (Four) MONTHS from the date of opening of tender i.e., Envelope-1.
- k) 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 W.C. Department. The tenderers shall see the notice board regularly and keep themselves informed in this matter and promptly attend negotiations without fail.
- l) Purchase Preference will be given to PSU's where applicable as per DPE guidelines.
- m) 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 structural, 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.
- n) 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.
- o) 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.
- p) **Corrections / amendments / replacement to / of the deficient documents / financial instruments for EMD and 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 the BG (s) as on initial TOD is falling short of the minimum validity period stipulated in the tender.
 - d) Discrepancy exists in the name of Payee / Beneficiary.
 - e) The bidder fails to submit CTD and / or EMD or 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 ₹5Lakhs**, 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 ₹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 4(Four) months from the date of opening of Envelope-1 (Pre-Qualification Documents). The above shall supersede the Instructions regarding "form of EMD" elsewhere in the Tender Document.
- b) Public Sector Enterprises 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:-
 - i. Proof of enlistment with NSIC and with particulars of relevant trade/item.
 - ii. 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 & 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
 - iii. 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.
- e) Corrections/amendments/replacement to/of the deficient documents/financial instruments for EMD and CTD shall not be sought in the following cases where:

SIGNATURE OF THE TENDERER

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- i) there is evidence of tampering/unauthorized correction;
- ii) the financial instrument(s)/document(s) is falling short of the value stipulated in the NIT;
- iii) the validity of the BG(s) as on initial Tender Opening Date is falling short of the minimum validity period stipulated in the tender;
- iv) Discrepancy exists in the name of Payee/Beneficiary;
- v) The bidder fails to submit CTD and/or EMD or in case of submission of a single instrument/document towards both CTD&EMD.

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 DD/Pay Order/Banker's Cheque for Earnest Money Deposit/Cost of Tender Document / EMD exemption documents for PSUs & MSEs listed 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 VAT Registration Certificate under APVAT Act, wherever applicable, before signing the Work Order / LOA 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 ₹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 benefits under the ESI Scheme / Workmen Compensation, whichever is applicable, the contractor is required to pay the ex-gratia amount within 30 days (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 Licence** obtained from Deputy Commissioner of Labour, Government of Andhra Pradesh, Visakhapatnam as required.
 - 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 thereunder 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 thereunder. 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 thereunder 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 Contractor 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 ₹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 ₹100 Lakhs, the limit of retention money shall be ₹7.5 Lakhs plus 5% of the value exceeding ₹100 Lakhs.
16. **SECURITY DEPOSIT:** The Public Sector Enterprises or State/Central Government Undertakings/ Micro & Small Enterprises registered 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. **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.
19. **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 deptt. 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. 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.
- h. Contravention of any safety regulation of VSP in vogue from time to time will result into work stoppage, levying penalties at the rates as indicated below depending upon the category of violation and ultimately in contract termination:
- i. Category-I of Safety Violations:
Penalty amount: First offence ₹100/-, 2nd or subsequent offences ₹300/-
 - 1) Occasional violation of not wearing crash helmet;
 - 2) Driver of two wheeler carrying more than one pillion rider;
 - 3) Wrong parking of vehicle.
 - ii. Category-II of Safety Violations (Minor Violations):
Penalty amount: 1st violation ₹2500/-, 2nd violation ₹10000/-, 3rd & subsequent violations ₹20000/-
 - 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 certification 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 (double body earthing) not done;
 - 15) Gas hose pipe clamping done by wires;
 - 16) LPG cylinder date expiry/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 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 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 & Donnage;
 - 42) Stock protruding out of the truck body;
 - iii. Category-III of Safety Violations (Major Violations):
Penalty amount: 1st violation ₹7500/-, 2nd & subsequent violations ₹15000/-
 - 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 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 licence;
 - 13) Driving by a drunken person.
 - iv. Category-IV of Safety Violations (High-Risk Violations): Penalty amount: ₹15000/-
 - 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 shutdown/PTW;
 - 7) Violation of HOT work permit system
 - v. Category-V of Safety Violations: (The penalties will be imposed on agency in case the reasons to the accidents are attributable to the agency.
 - 1) Serious injuries and permanent disabilities - Penalty amount: ₹100000/- or 2.5% of contract value whichever is less;
 - 2) Fatal accident cases - Penalty amount: ₹200000/- or 10% of contract value whichever is less.

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 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.
 - i. Operating authority will assess the penalty amount having regard to all the circumstances in particular, the nature and gravity of the violation on the advice of Head of Safety Engineering Department and will issue a Show-Cause notice specifying there in 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/SD of the contractor without any further reference to him.
- 20. LABOUR DEPLOYMENT:**
- a. The contractor shall deploy his labour as per requirement and as instructed by the Engineer. It may be necessary to carry out 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 Contract 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 contact 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 workers(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, nonpayment 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 anywhere in VSP will also be terminated with attendant fall outs like forfeiture of EMD/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 LOA/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. Contractor shall note that:
 - i) Time for mobilization after issue of FAX Letter of Acceptance/detailed Letter of Acceptance/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 of 2 (Two) years.
34. ***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***
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 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:

$$V = L \times W \times (X - X_0) / X_0$$

Where

- V = Escalation Payable;
- L = Labour Content during the 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 Regional Labour Commissioner (Central), Hyderabad, for the period under consideration for the contract on the basis of actual man days present by different categories of contract labour during the billing period.

X_0 = Weighted average of existing RINL/VSP approved wage rates of Unskilled Worker, Semi-skilled Worker and Skilled Worker considered in the Estimate which is indicated in the Quote Sheet-Form-G/BOQ of the Tender Document on the basis of actual man-days present by different categories of contract labour during the billing period.

The methods of calculating X, X_0 and L

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



$$X_0 = (a * USR_0 + b * SSR_0 + c * SKR_0) / (a + b + c)$$

$$L = (a * USR_0 + b * SSR_0 + c * SKR_0) / W$$

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

USR₀ = RINL/VSP estimated wage rates of USW based on which the estimate of work is prepared

SSR₀ = RINL/VSP estimated wage rates of SSW based on which the estimate of work is prepared

SKR₀ = RINL/VSP estimated wage rates of SKW based on which the estimate of work is prepared.

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

37. 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.
38. 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.
39. 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).
40. 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 with regard to Minimum Wages applicable to the respective categories workmen plus the ad-hoc amount at the rate of ₹11.54 as per working day per workman per category. Wages with ad-hoc amount to the workmen should be on or before the 7th of the subsequent month. If 7th falls on a holiday or a weekly off day, the payment should be made one day prior to that. Payment of PF for the month, both the employers' (in this case, contractor) and employees' (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. | 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 | 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. Nonpayment 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. |



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 follows:

| S.No | Component | Recovery amount per labour per every Working Day (in ₹) | | | To be released when |
|--|---------------------------|---|--------------|---------|---|
| | | UN-SKILLED | SEMI-SKILLED | SKILLED | |
| 01 | Notice pay | 22.05 | 24.97 | 29.35 | 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 | 11.03 | 12.49 | 14.67 | |
| 03 | Leave with wages | 13.57 | 15.37 | 18.06 | |
| Sub-total | | 46.65 | 52.83 | 62.08 | |
| 04 | Bonus | 11.55 | 11.55 | 11.55 | 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 (To be paid to the Laborer) | | 58.20 | 64.38 | 73.63 | |
| 10% towards profit and overheads of contractor | | 5.82 | 6.44 | 7.36 | |
| Total Recovery amount | | 64.02 | 70.82 | 80.99 | |

Note:

- 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 amounts for workmen category-wise will be revised by RINL/VSP and will be notified accordingly.
- Payment against the above components 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.,

- New Delhi,
- Chandigarh,
- Kanpur,
- Jaipur,
- Ahmedabad,
- Mumbai,
- Nagpur,
- Hyderabad,
- Bangalore,
- Chennai,
- Trivendrum,
- Kolkata,
- Bhubaneswar,
- Guwahati,
- Patna.

42.1.2 **Direct Credit:** Suppliers opting for this system may open Bank accounts with any one of the following banks.

- State Bank of India - Steel Plant Branch
- Canara Bank - Steel Plant Branch
- Bank of Baroda - Steel Plant Branch
- State Bank of Hyderabad - Steel Plant Township Branch
- Andhra Bank - Steel Plant Township Branch
- UCO Bank - Steel Plant Township Branch
- 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:

- Party Code :
- Option : RTGS / EFT
- Beneficiary Details

- Name of Beneficiary (Max.35 characters) :
- Bank Name (Max. 35 characters) :
- Branch Name (Max. 35 characters) :
- Account Number (Max. 35 characters) :
- Account type (Max. 35 characters) :
(Savings / Current / Overdraft) [Mention Code No. also] :

SIGNATURE OF THE TENDERER



- 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:**
- The tenderer shall specify the percentage of CENVAT benefit on quoted price for which they shall furnish the duty paying documents.
 - 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.
 - 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.
 - 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.
 - 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.
 - 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.
 - 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.

SCOPE OF WORK

The Scope of the work against each BOQ item is described below but not limited to the following activities.

1. ITEM 1- Gas cooling system operation, routine maintenance and inspection (per shift per converter)
 - a) Gas cooling system operational activities including starting and stopping of the equipment, tuning of the valves for adjustment of flows and pressures , adjustment of level and pressure of Expansion Vessel , isolation and shutdown of the systems etc.
 - b) Inspection of cooling water pumps, make up water pumps and other pumps in the pump house for oil level, vibration and noise ,coupling condition , leakages and any other abnormalities and rectification of the same. Preventive maintenance of the equipment including oil top up, lubrication and tightening of the base bolts, coupling bolts etc.
 - c) Inspection of fin fan coolers for oil level, vibration and noise, coupling condition, condition of the blades, leakages and any other abnormalities and rectification of the same. Preventive maintenance of the fin fan coolers including oil top ups, lubrication and tightening of the base bolts, coupling bolts etc. Inspection of the tube bundles for any leakages and diversion of the same
 - d) Inspection of skirt drive for smooth operation, oil levels, pumps condition, accumulators N2 pressure, leakages etc. Preventive maintenance of skirt hydraulic system including oil top ups, Filling of N2 in accumulator, filter replacement, leakage rectifications etc.
 - e) Physical inspection of skirt, hood, cooling ring and stack for any leakages and jams.
2. Gas cleaning and discharge system operation, routine maintenance and inspection.(per shift per converter)
 - a) Gas cleaning and discharge system operational activities including starting and stopping of the equipment, tuning of the flows and valves, isolation of the systems etc.
 - b) Inspection of quencher pumps, bottom condensate pumps and drain seal sump pumps for oil level, vibration and noise, coupling condition, leakages etc. Preventive maintenance of the equipment including oil top up, lubrication and tightening of the base bolts, coupling bolts etc.
 - c) Inspection of Baumco Venturi hydraulic system for smooth operation, oil levels, pump condition, leakages etc. Preventive maintenance of Baumco Venturi hydraulic system including oil top ups, filter replacement, leakage rectifications etc.
 - d) Inspection of ID fan, fan lubrication system, recovery hydraulics including Bypass damper, Gas directing damper, Pressure control damper, Water seal check valve for noise and vibration, oil levels, leakages. Preventive maintenance of the equipment including oil top up, lubrication, filter replacement, leakage rectifications etc.
 - e) Inspection of the manholes and expansion joints for any leakages.
3. SECS routine maintenance and inspection.(per shift)
 - a) Inspection of the SECS ID fans for noise and vibration, coupling condition, oil level and lubrication and any other abnormalities.

- b) Preventive maintenance of the equipment including oil top ups, lubrication and tightening of the base bolts, coupling bolts etc.
- c) General inspection of dampers and expansion joints for any abnormalities.
- 4. Flushing of scrubber basin, suction header, hydraulic seal pot and bottom condensate tank.(per shift per converter)
 - a) Flushing of the basin at 21 mtrs with Direct Cooling Water (DCW) repeatedly till the water is clear at the bottom condensate at 0 mtrs.
 - b) Flushing of the suction header of the Quencher pumps with DCW at 15 mtrs repeatedly for ensuring header flushing.
 - c) Flushing of the Hydraulic seal pot at 21 mtrs with Direct Cooling Water (DCW) repeatedly till the water is clear at the bottom condensate at 0 mtrs.
 - d) Flushing of the Bottom condensate tank at 0 mtrs repeatedly till the water is clear at the bottom condensate drain at 0 mtrs.
 - e) Chockage clearing of the drains if any.
 - f) After flushing, all valves to be normalized and no passage of water to be ensured.
- 5. Miscellaneous jobs in skirt .
 - a) Work permit/shutdown to be taken.
 - b) Removal of jam pieces that are obstructing the movement of the skirt.
 - c) Revisioning and lubrication of skirt guide rollers to be ensured.
 - d) Fixing of wool and castable if required to prevent gases escape from skirt area.
 - e) Cleaning/jam clearing of the hood pressure sensing probes.
 - f) Repair of pressure sensing lines from hood to pressure transmitter.
- 6. Repair or replacement of GCP water pumps.
 - a) GCP Water pumps includes
 - Cooling water pumps
 - Make up water pumps
 - Quencher pumps
 - Bottom condensate pumps
 - Drain seal sump pumps
 - Slag yard Quenching water pumps
 - Drinking water pumps in GCP pump house
 - Dewatering pumps in GCP pump house
 - b) Replacement of the pump includes
 - Obtain work permit/shutdown.
 - Isolate the pump by closing inlet and outlet valves
 - Decoupling of the pump from motor
 - Disconnection of the pump suction and discharge lines
 - Disconnection of gland cooling , heat exchanger lines

- Foundation bolts opening and removal of the pump
 - Cleaning and repair of the base frame
 - Fixing the new/spare pump
 - Alignment of the pump and fixing coupling
 - Connection of suction and discharge lines opening the inlet and outlet water valves
 - Normalization of gland cooling and heat exchanger water
 - Checking the pump in running and rectification of abnormalities
- c) Repair of the pump includes
- Dismantling the pump and replacement of drive and non-drive end bearings if required
 - Repair/replacement of the pump shaft etc if required
 - arresting of casing leakages
 - arresting of mechanical seal leakage
 - mechanical seal repair or replacement
 - impeller repair or replacement
 - Coupling replacement if required
 -
7. Opening of Manholes or End blanks for maintenance and closing the same.
- a) Obtain work permit/shutdown.
 - b) Opening the manholes or end blanks of scrubber/seal pot/Bottom condensate tank/ ID Fan/Water seal check valve/Gas directing damper/ gas duct/SECS ID fan and SECS duct manholes or other manholes and blanks as instructed by the site engineer.
 - c) Cleaning the manhole gasket face and other necessities as instructed by the site engineer.
 - d) Changing the gasket and closing the manhole.
 - e) Test for leakages and rectification of the same.
8. Maintenance and repair jobs of ID fan during mid-campaign repair and Campaign repair.
- a) Obtain work permit/shutdown.
 - b) Ensure physical stoppage and shutdown of the fan.
 - c) Arrangement for ventilation if necessary
 - d) Isolation of water and gas lines.
 - e) Inspection of the casing, suction and discharge ducts including drains and clearing of the chockages or jams if any
 - f) Cleaning the ID fan impeller if required
 - g) Dismantling and Cleaning the ID fan water spray nozzles.
 - h) Addition of weights during balancing if required.
 - i) Normalizing the gas and water lines and release of work permit/shutdown.

9. Maintenance and repair job of GCP hydraulic systems.
 - a) GCP hydraulic systems includes
 - Skirt hydraulic system
 - Baumco venturi hydraulic system
 - ID fan lubrication system
 - Bypass damper hydraulic system
 - Gas directing damper hydraulic system
 - Pressure control damper hydraulic system
 - Water seal check valve hydraulic system
 - b) Obtain work permit/shutdown
 - c) Replacement of hydraulic pumps if required.
 - d) Arresting of oil leakages at valves, connections , hoses and power packs.
 - e) Oil replacement including manhole opening, tank cleaning and closing.
 - f) Normalizing the system, integrated testing and rectification of any abnormalities.

10. Maintenance and repair of Flare stack Ignition system.
 - a) Obtain work permit/ shut down.
 - b) Physical inspection of the flare stacks ignition system and the burners.
 - c) Dismantling of the burners , cleaning and fixing.
 - d) Tuning of the air and coke oven gas flows.
 - e) Physical checking of the pilot burner flame after normalization.

11. Cleaning and repair of scrubber inlet and outlet pipelines.
 - a) Obtain work permit /shutdown.
 - b) Isolating the water to the scrubber and draining of the system.
 - c) Opening the inlet and outlet flanges/ piping as per the directions of the site engineer.
 - d) Cleaning and chockage clearing of the headers.
 - e) Repair activities if any as per the requirement in the pipelines
 - f) Reassembling the pipeline with new gaskets.
 - g) Normalizing of the system and checking for any leakages and rectification of the same.

12. Cleaning, repair or replacement of Scrubber water sprays nozzles.
 - a) Obtain work permit/shutdown.
 - b) Isolation of the water to the system.
 - c) Making temporary arrangements/ scaffoldings for the approach to the nozzle.
 - d) Opening the nozzles and cleaning of the same.
 - e) Installation of the cleaned nozzle or new nozzle as per the requirement.
 - f) Removal of the temporary arrangements/ scaffoldings and normalization of the system.

13. Addition chutes cleaning and repair.
 - a) Obtain work permit/shutdown.
 - b) Opening of the inspection doors /flanges.

- c) Cleaning the material jams/chockage
- d) Ensure the gas lock valves operation and rectification of the necessary.
- e) Normalization of the chute and closing of the inspection doors/flanges.

14. Cleaning and repair of scrubber tower or seal pot.

- a) Obtain work permit/shutdown.
- b) Isolation of the water in the system and draining of the same.
- c) Ensure proper ventilation with CO and O2 monitors.
- d) Cleaning/flushing the drain lines.
- e) Repair of scrubber and seal pot .
- f) Other jobs as instructed by the site engineer.
- g) Normalization and testing.

15. Repair or replacement of SECS Dampers and ID fan Dampers.

- a) Obtain work permit/shutdown.
- b) Checking of the dampers, damper actuator, tie rods/connecting rods with their couplings.
- c) Repair or revisioning of existing damper.
- d) Replacement of damper if required and as per the instructions of Engineer in charge.
- e) Normalization and testing.

16. Hydraulic and pneumatic cylinders revisioning or replacement in GCP system.

- a) Hydraulic cylinder includes
 - Skirt hydraulic cylinder
 - Skirt hydraulic accumulator/flow divider
 - Baumco venturi hydraulic cylinder
 - Bypass damper hydraulic cylinder
 - Gas directing damper hydraulic cylinder
 - Pressure control damper hydraulic cylinder
 - Water seal check valve hydraulic cylinder
- b) Pneumatic cylinder includes sliding compensators, gas lock valves
- c) Obtain work permit/shutdown
- d) Isolation of all connected water, pneumatic / hydraulic lines
- e) Replacement of the cylinder which consists of
 - Locking of the equipment in proper way
 - Disconnection of hydraulic oil / air, water lines
 - Disconnecting the cylinder at both the ends
 - Removal of the cylinder
 - Fixing the new cylinder in position and alignment
 - Normalization and testing for the smooth operation
- f) Revisioning of the cylinder which consists of
 - Dismantling of the cylinder
 - Cleaning of the cylinder, piston and end cover
 - Replacement of the shaft seals, piston seals, end cover seals and O rings if required

- Assembling of the cylinder

17. Hydraulic / pneumatic hose replacement in GCP system.

- a) Obtain work permit/shutdown
- b) Isolate the media
- c) Replacement of the existing damaged hose with the new one
- d) Normalizing the system
- e) Testing for any leakages during operation and rectification of the same

18. Replacement of DN 150 flexible cooling water hose

- a) Obtain work permit/shutdown
- b) De-pressurizing the system
- c) Isolation of all the water lines to the skirt
- d) Draining of DM water
- e) Disconnecting the hose connections at both ends
- f) Removing the old hose
- g) Fixing of the new hose in position along with required fittings and gasket
- h) Normalization of the system, testing for any leakages and rectification of the same

19. Replacement of bend tubes in cooling circuit

- a) Obtain work permit/shutdown
- b) Physical inspection of skirt, hood, cooling ring and stack for any water leaks and jams in and around
- c) Marking of the bend tubes that require replacement
- d) Switching off the circulating water pumps
- e) Depressurizing and draining the system
- f) Removal and cleaning of the jams at the tubes
- g) Cutting the old tubes along with the fins
- h) Bending of the new tubes to the required profile to suit the site requirement/repair of the removed tube
- i) Fixing the new/repared tube
- j) Root welding and full welding of the tube
- k) Fins fixing and welding
- l) Pressurizing the system, testing for any leakages and rectification of the same
- m) Normalization of the system

20. Replacement of straight tubes in cooling circuit

- a) Obtain work permit/shutdown
- b) Physical inspection of skirt, hood, cooling ring and stack for any water leaks and jams in and around

- c) Marking of the straight tubes that require replacement
- d) Switching off the circulating water pumps
- e) Depressurizing and draining the system
- f) Removal and cleaning of the jams at the tubes
- g) Cutting the old tubes along with the fins
- h) Fixing the new/repaired tube
- i) Root welding and full welding of the tube
- j) Fins fixing and welding
- k) Pressurizing the system, testing for any leakages and rectification of the same
- l) Normalization of the system

21. Repair or replacement of hood chute inserts

- a) Obtain work permit/shutdown
- b) Disconnect the chute pipe from the chute insert
- c) Removal of the chute pipe
- d) Removal of the chute insert from the hood
- e) Repair the old chute insert
- f) Fix the repaired/new chute inserts
- g) Re-fixing of the chute pipe to the chute insert with a new gasket
- h) Pressure testing of the chute insert and the rectification of any leakages

22. Repair or replacement of Fin Fan gearbox

- a) Replacement of fin fan gearbox consists of
 - Obtain work permit or shutdown
 - Decoupling of fan from the motor
 - Dismantling of the fan blades
 - Removal of the fan hub from the gearbox
 - Arrangement of the temporary scaffolding with chain block for removal of gear box
 - Opening of the base bolts and removal of gearbox
 - Shifting of the new /repaired gearbox to the site from the GCP workshop
 - Cleaning the gearbox placement area
 - Fixing the new/repaired gearbox
 - Alignment of gearbox with the motor and fixing the coupling
 - Fixing the fan hub and blades
 - Normalization and checking the fan for smooth operation
- b) Repair of the gearbox consists of
 - Removal of hub from the gearbox input shaft
 - Opening of the top cover of the gearbox
 - Opening the shaft end cover of the gearbox
 - Check the internals and bearings
 - Replace the damaged internals and bearings if any
 - Replace the oil seals and gaskets as instructed by Engineer incharge

- Fix the gearbox end covers
- Fix the shaft hub
- Check the smooth rotation manually

23. Repair or replacement of expansion joints

a) Replacement of expansion joints consists of

- Obtain work permit or shutdown
- Depressurizing and draining the media.
- Opening the flange bolts of the expansion joints at both ends.
- Cleaning and repair of the flange faces
- Repair of telescopic flanges if any
- Assembling the new expansion joint
- Fixing the new expansion joint and aligning the holes.
- Fixing of the bolts and tightening.
- Charging and testing with the media and rectification of any leakages.

b) Repair of expansion joints consists of

- Obtain work permit/shutdown
- Identification and marking of the damaged portion of the expansion joint
- Depressurizing and draining the media
- Opening the flanges and replacement of the gasket
- Patching of the expansion joint area at the damaged portion from inside/outside
- Repair of the telescopic flanges if any
- Fixing and tightening of the bolts
- Charging and testing with media and rectification of any leakages

24. Utility and overhead pipeline replacement of size DN15 to DN50.

25. Utility and overhead pipeline replacement of size DN65 to DN150.

26. Utility and overhead pipeline replacement of size Dn200 and above.

Scope of work for BOQ item numbers 24,25,26 :-

- Obtain work permit/shutdown
- Isolation of the system/utility line by closing the inlet and outlet valves.
- Depressurizing the system/utility line and Draining of the media by opening the drains/vents.
- Arrangement/fabrication of necessary scaffoldings for approach of Overhead pipelines as instructed by Engineer in charge.
- Arrangement of the welding machine, cutting set, grinding machine, chain blocks etc. at the site
- Cutting and removal of the pipeline
- Edge preparation
- Fabrication of the new pipeline with fittings
- Alignment and fitting of the new pipe
- Root welding and full welding
- Fixing of the supports for the pipeline

- Testing the pipeline and rectification of leakages
- Charging the media
- Removal of the temporary arrangements and scaffoldings.

27. Repair or replacement of valves or fittings in utility and overhead pipelines of size DN15 to DN 50.

28. Repair or replacement of valves or fittings in utility and overhead pipelines of size DN65 to DN150.

29. Repair or replacement of valves or fittings in utility and overhead pipelines of size DN200 and above.

Scope for BOQ item numbers 27,28,29 :-

a) Replacement of the valve/fittings consists of :-

- Obtain work permit/shutdown
- Isolate the system/valves
- Depressurizing and draining the system by opening the drains and vents
- Arrangement of the necessary scaffolding for the removal of the valve
- Open the flanges of the damaged/old valve from pipeline and remove the valve
- Clean the gasket faces of the pipeline flanges
- Fix the new valve / fittings along with gaskets
- Fixing of the flange bolts and tightening
- Testing and rectification of leakages
- Charging of the system/pipeline
-

b) repair of the valve/fittings consist of :-

- Dismantling the bonnet from the body of the valve
- Dismantling of the spindle assembly
- Dismantling the gland packing assembly
- Cleaning of the valve body, disc, gasket face, spindle and valve seating
- Checking of spindle, valve disc, valve seating.
- Repair or replacement of spindle, valve disc if required
- Repair of valve seating by machining/grinding
- Assembling the disc and spindle in the valve body
- Fixing of the bonnet with new gasket
- Fixing of the gland with new gland packing
- Checking the valve for smooth operation
-

30. Repair or replacement of Safety valve, pressure reducing valve (PRV) and pneumatic valve

a) Replacement of safety valve/PRV/pneumatic valve consists of :-

- Obtain work permit/shutdown
- Isolation of the system/valves
- Depressurizing and draining the system by opening the drains and vents
- Arrangement of the necessary scaffolding for the removal of the valve

- Disconnect the pneumatic connections and solenoid valve connections
 - Open the flanges of the damaged/old valve from pipeline and remove the valve.
 - Clean the gasket faces of the pipeline flanges
 - Fix the new valve along with gaskets
 - Fixing of the flange bolts and tightening
 - Restoration of the pneumatic and solenoid valve connections
 - Testing and rectification of leakages
 - Checking the normal operation of the valve
 - Charging and normalizing the system
- b) Repair of the pneumatic valve consists of :-
- Shifting of the valve from site to GCP workshop
 - Dismantling the pneumatic actuator/cylinder
 - Cleaning of the cylinder/pneumatic actuator
 - Replacement of the cylinder seals/diaphragm of the actuator if required
 - Dismantling the bonnet from the body of the valve
 - Dismantling of the spindle assembly
 - Dismantling the gland packing assembly
 - Cleaning of the valve body, disc, gasket face, spindle and valve seating
 - Checking of spindle, valve disc, valve seating
 - Repair or replacement of spindle, valve disc
 - Repair of valve seating by machining/grinding
 - Assembling the disc and spindle in the valve body
 - Fixing of the bonnet with new gasket
 - Fixing of the gland with new gland packing
 - Connecting the valve spindle to the pneumatic actuator
 - Checking the valve for smooth operation
- c) Repair of the safety valve/PRV consists of :-
- Dismantling of the pilot lines of the PRV
 - Dismantling the PRV/safety valve
 - Checking and replacement of the diaphragms and springs of the PRV
 - Cleaning of the PRV/safety valve internals and seating
 - Lapping of the valve seating
 - Assembling of the safety valve/PRV
 - Connecting the pilot lines of the PRV

31. Repair of Pressure Relief Device

- a) Obtain work permit/shutdown
- b) Making the necessary arrangements for opening the PRD
- c) Isolation and disconnection of nitrogen sealing s
- d) Open the PRD
- e) Check the spring and adjust the tension if required
- f) Do the necessary repair
- g) Check and repair the nitrogen sealing groove

- h) Check the gasket and replace the gasket if necessary
- i) Restore the nitrogen connections
- j) Check and ensure the operation of the spring

32. Stack inspection door opening, cleaning, repair, gasket replacement and closing

- a) Obtain the work permit/shutdown
- b) Check and ensure the healthy operation of the stack inspection device
- c) Depressurizing the system and drain the water from the stack inspection door(SID)
- d) Disconnecting the inlet and outlet flanges of the SID
- e) Removal of the castable that was applied at the parting plane
- f) Opening the I-bolts of the stack inspection door
- g) Careful lift the stack inspection door and keep it on the platform outside
- h) Clean and check the base flanges and do the necessary repair
- i) Fixing of the gasket rope on the base flange
- j) Place the stack inspection door on the gasket rope
- k) Aligning of the stack inspection door and fixing and tightening of the I-bolts
- l) Checking for any leakages during operation and application of castable if necessary

33. Moving of hood to parking position during Campaign and Breakdowns

- a) Obtain work permit / shutdown and protocol for hood shifting
- b) Arrange all the tools , tackles , cutting set , welding set , chain blocks etc.
- c) Ensure and clean the hood car tracks
- d) Depressurize and drain the water from the system by opening the vents and drains
- e) Locking of the expansion joints of hood wherever necessary
- f) Placing of Jacks and taking the load on the jacks
- g) Resting the Skirt cylinders on the Swivel brackets and taking the load
- h) Disconnection of all the cooling water lines connected to hood at inlet and outlet
- i) Disconnection of all the nitrogen purging lines
- j) Disconnection of Hydraulic oil lines and cooling water lines connected to skirt cylinder
- k) Disconnection of pressure sensing probe lines
- l) Disconnection of Addition chutes.
- m) Cleaning and removal of any loose pieces that are on hood platform.
- n) Lowering the hood for creating gap between hood and stack for hood shifting
- o) Careful checking of the hood shifting plane and removal obstructions if any
- p) Ensure the direction of rotation of hood shifting motors.
- q) Take the clearances for hood shifting and slowly move the hood to parking position
- r) Take shutdown of hood shifting motors

34. Repair of hood platforms and heat shields

- a) Obtain work permit/shutdown.
- b) Clear the jams on the heat shields and platforms
- c) Repair or replace the platforms, heat shield, hand rails etc.

35. Moving of hood to original position and fixing

- a) Obtain work permit or shutdown
- b) Checking of the hood shifting plane and removal obstructions if any
- c) Shifting the hood to original blowing position
- d) Positioning and alignment of the hood with the stack
- e) Adjustment of the hood with the jacks
- f) Connection of hood and stack by positioning and tightening the I-bolts
- g) Connecting all the water, Nitrogen, skirt cylinder hydraulic oil and water lines and pressure sensing probe lines
- h) Taking the load on the tie rods by lowering the jacks
- i) Releasing of the skirt brackets
- j) Testing with Nitrogen after tightening all the joints and rectification of all the leakages
- k) Checking of the smooth skirt movement with drive
- l) Filling the DM water into the system and final checking after pressurization and water circulation.

36. Repair of technological structures

- a) Obtain work permit/shutdown
- b) Repair or replace the technological structures including ladders, platforms, supports , staircases etc. as per the instruction of the site engineer

37. Repair of pitched holes or cracks by gas welding or arc welding in GCP and utility pipelines

- a) Obtain work permit/shutdown
- b) Isolation of the system/utility line by closing the inlet and outlet valves
- c) Depressurizing the system/utility line and Draining of the media by opening the drains/vents
- d) Arrangement/fabrication of necessary scaffoldings for approach
- e) Arrangement of the welding machine, cutting set, grinding machine etc. at the site
- f) Preparation of the pitched hole or crack by cutting or grinding
- g) Patching/welding of the pipe
- h) Testing the pipeline and rectification of leakages
- i) Charging the media
- j) Removal of the temporary arrangements and scaffoldings

38. Cleaning, repair or replacement of slag quenching nozzles

- a) Obtain work permit /shutdown
- b) Isolation of the water supply to the nozzle
- c) Cleaning/ repair of the nozzle or replace the nozzle with new one
- d) Charge the line and test the water spray
- e) Release the work permit/shutdown

39. Shutting down and normalization of gas lines for driers and heaters

- a) Obtain work permit/shutdown
- b) Isolation of the coke Oven gas line by closing the manual valves to the drier and drip pot
- c) Blanking of the Coke Oven gas line if required

- d) Purging of the burner line with Nitrogen if required
 - e) Deblanking of the Coke Oven gas line after clearance for operation
 - f) Normalizing the coke oven gas by opening the valves
40. Supply of technical assistants of Material handling such as spares and consumables from SMS 2 to other departments and vice versa
41. Supply of semi-skilled workers of Material handling such as spares and consumables from SMS 2 to other departments and vice versa
42. Supply of skilled workers of Material handling such as spares and consumables from SMS 2 to other departments and vice versa.

Scope for BOQ item numbers 40, 41, and 42:-

- a) Contractor has to deploy the following manpower for various material handling activities of mechanical planning section of SMS#2.
 - Technical assistants- 1nos.
 - Semi-skilled worker -3nos.
 - Unskilled workers -9nos.
- b) This manpower shall accompany VSP personnel for drawl of various items from stores and shifting of various items between engineering shops and SMS2
- c) This manpower shall carry out the loading/unloading of various assemblies, consumables, spares etc. onto truck/trailer as per the instruction of the VSP personnel.

TERMS AND CONDITIONS

WORK DESC : “ Mechanical Maintenance of GCP equipments in SMS#2 and Manpower assistance to Mechanical planning sections of SMS#2-

| Condition | Condition description |
|-----------|---|
| 1 | The contractor shall visit the site and understand fully the scope of work before quoting. Also they shall satisfy themselves before submitting their offer about exiting site conditions. |
| 2 | The quantities indicated against Bill of material are approximate only and may vary as per the production plans and shut down availability. |
| 3 | Contractor has to take up all the jobs that are required for satisfactory functioning of equipment under the scope, as per the instructions of engineer in charge. |
| 4 | <p>All spares and consumables such as wire ropes, bull dog grips, rails & steel materials, oils, greases, bolts, and nuts, wire rope slings, LPG cylinder, oxygen, welding electrodes , etc., will be issued by VSP free of cost as and when required. The contractor has to collect these materials from VSP Sub Stores /Site Stores/Area repair shop.</p> <p>Contractor will be allowed to use EOT cranes etc. on free of cost , at the places Where ever they are available and spared for usage by VSP.</p> |
| 5 | <p>All the tools and tackles necessary to carry out the maintenance activities (including break downs) shall be in the scope of the contractor and kept in good working condition . The tools & tackles shall include (but not limited) to the following</p> <p>a. Gas-cutting sets. Welding sets and welding transformers, Rectifier units, Air arc gouging torch etc.,. The contractor shall ensure usage of ISI marked regulators, hoses, nozzles, cutting torches, welding holders and cables for cutting and welding works . This must be adhered to strictly .</p> <p>b. Spanners, Allen keys, hammers , hand grinding machines, hand drilling machines etc.,</p> <p>c. hydraulic jacks , manila ropes, chain pulley blocks and other lifting tackles.</p> <p>d. dial indicators, clamps etc., required for alignment jobs.</p> |

6

The contractor shall deploy necessary trained, experienced and skilled personnel in fit condition along with experienced Technical assistants for carrying out maintenance jobs on all days including holidays and Sundays in four shifts (A, B , C & G). All the jobs are to be carried out under the supervision of contractors Technical assistant / Engineer . VSP reserves the right to screen the contractor's personnel before posting them for work.

a. Technical assistants shall have minimum qualification of diploma in mechanical Engineering from Govt / Govt approved institute and shall have at least 3 years industrial experience in maintenance of equipments , pipelines and hydraulics. Fitters, welders and gas cutters shall have 4 to 5 Years experience in the respective trades . Welders shall be qualified for carrying out Arc welding and Gas welding in High pressure pipelines

b. VSP shall, from time to time observe the adequacy of number of personnel employed / capability of persons engaged by the contractor . If in VSP s opinion , there is a need to increase the manpower and / or change any particular individual(s) the same shall be implemented with out any financial implications .

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Contractor shall deploy the following tentative manpower for slno 1 to 39 of BOQ (including shift releievers) ,

a. During shifts (put together) : (A/B/C)

i. Technical assistants : 03 nos.

ii. Skilled Workers like fitter (4), welder cum Gas cutters (3), : total 07 nos.

iii. Semi skilled workers : 07 nos.

iv. Helpers : 07 nos.

b. During general shift hours : (G)

i. Technical assistants : 4 nos (for inspection, report generation, job execution, shift relieving etc.,)

ii. Skilled Workers like fitter (3) , Welder cum gas cutter (3) : total 6 nos.

iii. Semi skilled workers : 06 nos.

iv.. Helpers : 06 nos.

The above man power requirement is indicative only and may vary as per the requirement at site .

8

During relining campaigns the contractor may have to supplement the regular manpower with one number additional group of manpower in each shift for carrying out campaign repair jobs as per the instructions of engineer in charge. Each group may consist one fitter, one welder cum gas cutter, two semiskilled workers and two helpers. Around eight relining campaign repairs are envisaged for two converters. This additional group is to be deployed during all the three shifts for about ten days during each relining campaign.

| | |
|--|---|
| 9 | In the event of break down, the contractor shall mobilize additional resources with short notice. Assigned jobs should be completed with in stipulated time. |
| 10 | <p>Contractor shall deploy the following tentative manpower for slno 40 to 42 of BOQ on every day respectively</p> <p>i. Technical assistants : 01 nos. ii. Semi skilled workers : 03 nos. iii. Helpers : 09 nos.</p> |
| 11 | Contractor shall establish a full fledged office inside the plant. The location and site for office will be shown / allotted by VSP. At the end of the contract period, contractor shall vacate the site. |
| 12 | <p>Contractor shall organize all the jobs with the help their Technical assistants and coordinate continuously with the VSP shift in charge. Contractor with the help of their Technical assistant shall</p> <p>a. Coordinate and obtain necessary work permits b. Mobilise the suitable manpower, tools and tackles, spares required for execution of the job. c. ensure safety of the personnel and equipment d. ensure the quality of works etc. during execution e. take necessary measures for completion of the jobs with in stipulated time.</p> <p>Inspection and preventive maintenance of various equipment is to be carried out as per the instructions of engineer in-charge and Check lists. A proper report indicating the details of jobs carried out , defects noticed , defects pending etc., during inspection and preventive maintenance of each equipment is to be submitted to EIC on regular basis.</p> |
| 13 | The contractor shall take safety precautions and follow safety rules prevailing at VSP. The contractor shall ensure that all personnel are provided with required safety appliances like Safety helmets as per IS 2925, good quality leather safety shoes, Full harness safety belts for height working, good quality safety goggles dust masks, etc. |
| 14 | All the scrap generated during repairs is to be shifted to the place shown by the engineer in charge. Proper house keeping is to be maintained by the contractor in the area of his work |
| The scope of materials supply and consumables supply in the present proposal | |

15 are as follows:

- a. Materials to be supplied by VSP: All equipment spares.
 - b. Consumables to be supplied by VSP: LPG & Oxygen gas, Welding Electrodes, oils and lubricants, cables, fuses etc
 - c. Materials to be supplied by Contractor: NIL
 - d. Consumables to be supplied by Contractor: NIL
 - e. The deduction of Sales Tax shall be done as per rules prevailing from time to time.
-

16 Defect liability period is 3 months

QUESTIONNAIRE

WORK DESC : “ Mechanical Maintenance of GCP equipments in SMS#2 and Manpower assistance to Mechanical planning sections of SMS#2-

| Condition | Condition description |
|-----------|---|
| 1 | <p>Whether the contractor has successfully executed contracts pertaining to maintenance of utility pipeline/ water pipelines and Maintenance of Mechanical equipment in steel plant or in a similar process industry.</p> <p>- YES/ NO</p> <p>If the answer is YES, please enclose copies of work orders and successful completion certificates from concerned engineer in charge</p> |
| 2 | <p>Whether the contractor has successfully executed contracts pertaining to complete maintenance of GCP (gas cleaning plant of LD Shop) in steel plant</p> <p>- YES/ NO</p> <p>If the answer is YES, please enclose copies of work orders and successful completion certificates from concerned engineer in charge</p> |
| 3 | <p>Whether the contractor has successfully executed contracts pertaining to maintenance of hydraulic pipeline in steel plant or in a similar process industry</p> <p>- YES/ NO</p> <p>If the answer is YES, please enclose copies of work orders and successful completion certificates from concerned engineer in charge</p> |
| Note: | <p>The contractor should meet at least any one of the above three conditions mentioned at slno1, slono2, slno3 (That is answer for slno.1 and / or Slno.2 and /or Slno.3 should be YES) and relevant documents in support of the same are to be submitted, otherwise offer is liable for rejection.</p> |



FORM 'C'

RASHTRIYA ISPAT NIGAM LIMITED
 VISAKHAPATNAM STEEL PLANT
 WORKS CONTRACTS DEPARTMENT
 VISAKHAPATNAM – 530031
 PHONE NO: (MAX) 22953, TELEFAX NO: 0891-2518763

Price Bid – (Part-2)**NAME OF THE WORK:**

**MECHANICAL MAINTENANCE OF GCP EQUIPMENTS IN SMS#2 AND
 MANPOWER ASSISTANCE TO MECHANICAL PLANNING SECTIONS
 OF SMS#2**

TENDER NO: 74603-0

Period of Contract : 12 (Twelve) Months
 Defect Liability Period : 03 (Three) Months
 Engineer : AGM (M) /SMS-2

Issued To Sri/ M/s. _____

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

Number of BOQ Pages Alone : 03 (Three) Pages

Total Number of Pages : 04 (Four) Pages

(FOR OFFICE USE ONLY)

| | | |
|--|---|-----------------------------------|
| 1. E.M.D. PARTICULARS | : | |
| 2. S.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 |
| <div style="display: flex; justify-content: space-between; margin-top: 20px;"> <div>Signature Of Contract Department Representative</div> <div>Signature Of Finance Department Representative</div> </div> | | |

RINL Vigilance Toll Free Number: 1800 425 8878



RAHSTRIYA ISPAT NIGAM LIMITED
VISAKHAPATNAM STEEL PLANT
VISAKHAPATNAM - 530031

BILL OF QUANTITIES

| | |
|---|---------------------------------|
| PR No / Date: 73000533 / 03.02.2015 | Report Date : 17.02.2015 |
| Pur . Org.: WORKS CONTRACTS | |
| MSS: 3450614015 : MECH MAINT OF GAS CLEANING PLANT SMS-2 | |
| MECH MAINT OF GAS CLEANING PLANT SMS-2 | |

| 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 | 510007522 | Gas Cooling System operation, Routine Maintenance and Inspection | 2,040.000 | EA | 861.54 | 1,757,541.60 |
| 2 | 510007523 | Gas Cleaning System operation, Routine Maintenance and Inspection | 2,040.000 | EA | 861.54 | 1,757,541.60 |
| 3 | 510007524 | SECS Routine Maintenance and Inspection | 1,095.000 | EA | 646.15 | 707,534.25 |
| 4 | 510007525 | Flushing of Scrubber Basin, Suction Header, Hydraulic Seal pot and Bottom condensate tank | 2,040.000 | EA | 430.77 | 878,770.80 |
| 5 | 510007526 | Miscellaneous jobs in Skirt | 24.000 | EA | 3,446.15 | 82,707.60 |
| 6 | 510007527 | Repair or Replacement of GCP Water pumps | 36.000 | EA | 6,892.30 | 248,122.80 |
| 7 | 510007528 | Opening of Manholes or End blanks for maintenance and closing the same | 300.000 | EA | 704.19 | 211,257.00 |
| 8 | 510007529 | Maintenance and Repair jobs of ID fan During Mid Campaign Repairs & Campaign Repairs | 24.000 | EA | 3,446.15 | 82,707.60 |
| 9 | 510007530 | Maintenance and Repair jobs of GCP Hydraulic Systems | 16.000 | EA | 3,446.15 | 55,138.40 |
| 10 | 510007531 | Maintenance and Repair of FlareStack Ignition Systems | 24.000 | EA | 3,446.15 | 82,707.60 |
| 11 | 510007532 | Cleaning & Repair of Scrubber Inlet and Outlet pipelines | 24.000 | EA | 3,446.15 | 82,707.60 |
| 12 | 510007533 | Cleaning, repair or replacement of Scrubber water spray nozzles | 120.000 | EA | 499.08 | 59,889.60 |
| 13 | 510007534 | Addition Chutes Cleaning and Repair | 8.000 | EA | 3,446.15 | 27,569.20 |
| 14 | 510007535 | Cleaning and Repair of Scrubber Tower or Seal pot | 10.000 | EA | 3,446.15 | 34,461.50 |
| 15 | 510007536 | Repair or Replacement of SECS Dampers and ID Fan Dampers | 20.000 | EA | 2,584.61 | 51,692.20 |
| 16 | 510007537 | Hydraulic and pneumatic cylinder revisioning or replacemnt in GCP systems | 9.000 | EA | 6,892.30 | 62,030.70 |
| 17 | 510007538 | Hydraulic and pneumatic hoses replacement in GCP systems | 60.000 | EA | 499.08 | 29,944.80 |
| 18 | 510007539 | Replacement Dn150 flexible cooling water hose | 4.000 | EA | 3,446.15 | 13,784.60 |
| 19 | 510007540 | Replacement of Bend Tubes in Cooling Circuit | 50.000 | EA | 2,153.84 | 107,692.00 |
| 20 | 510007541 | Replacement of Straight Tubes in Cooling Circuit | 80.000 | EA | 1,507.69 | 120,615.20 |
| 21 | 510007542 | Repair or Replacement of Hood Chute Inserts | 8.000 | EA | 10,338.45 | 82,707.60 |
| 22 | 510007543 | Repair or Replacement of Finfan Gearbox | 10.000 | EA | 4,307.69 | 43,076.90 |
| 23 | 510007544 | Repair or replacement of Expansion Joints | 10.000 | EA | 3,446.15 | 34,461.50 |
| 24 | 510007545 | Utility and overhead pipeline Replacement of size DN15 to DN50 | 1,000.000 | M | 83.17 | 83,170.00 |
| 25 | 510007546 | Utility and overhead pipeline Replacement of size DN65 to DN150 | 300.000 | M | 215.38 | 64,614.00 |
| 26 | 510007547 | Utility and overhead pipeline Replacement of size above DN200 | 100.000 | M | 574.35 | 57,435.00 |
| 27 | 510007548 | Repair or Replacement of Valves or fittings in utility and overhead pipelines, size DN15 to DN50 | 200.000 | EA | 181.23 | 36,246.00 |
| 28 | 510007549 | Repair or Replacement of Valves or fittings in utility and overhead | 100.000 | EA | 704.19 | 70,419.00 |



RAHSTRIYA ISPAT NIGAM LIMITED
VISAKHAPATNAM STEEL PLANT
VISAKHAPATNAM - 530031

BILL OF QUANTITIES

| Sl.No | Service Number | Description of the item | Qty | UOM | Rate | Amount |
|---|----------------|--|-----------|-----|-----------|---------------------|
| | | pipelines, size DN65 to DN150 | | | | |
| 29 | 510007550 | Repair or Replacement of Valves or fittings in utility and overhead pipelines, size DN200 above | 50.000 | EA | 1,996.30 | 99,815.00 |
| 30 | 510007551 | Repair or Replacement of Safety Valves, Pressure Reducing Valves and pneumatic valves | 50.000 | EA | 1,996.30 | 99,815.00 |
| 31 | 510007552 | Repair of Pressure Relief Device | 12.000 | EA | 3,446.15 | 41,353.80 |
| 32 | 510007553 | Stack Inspection Door Opening , Cleaning ,Repair , Gasket replacement and Closing | 4.000 | EA | 10,338.45 | 41,353.80 |
| 33 | 510007554 | Moving of Hood to Parking Position during Campaign and Breakdowns | 4.000 | EA | 27,569.20 | 110,276.80 |
| 34 | 510007555 | Repair of Hood Platforms and Heat Shields during Campaign and Breakdowns | 4.000 | EA | 20,676.90 | 82,707.60 |
| 35 | 510007556 | Moving of Hood to Original Position and Fixing | 4.000 | EA | 27,569.20 | 110,276.80 |
| 36 | 510007557 | Repair of Technological Structures | 50.000 | TO | 3,917.30 | 195,865.00 |
| 37 | 510007558 | Repair of pitched holes or cracks by gas welding or arc welding in GCP and utility pipe lines | 100.000 | EA | 1,723.08 | 172,308.00 |
| 38 | 510007559 | Cleaning, repair or replacement of slag quenching nozzles | 150.000 | EA | 499.08 | 74,862.00 |
| 39 | 510007560 | Shutting down and normalisation of gas lines for Driers and heaters | 60.000 | EA | 748.61 | 44,916.60 |
| 40 | 510005807 | SUPPLY OF TECHNICAL ASSISTANTS OF MATERIAL HANDLING SUCH AS SPARES AND CONSUMBLES FROM SMS-2 TO OTHER DEPARTMENTS AND VICE VERSA | 309.000 | MDY | 546.45 | 168,853.05 |
| 41 | 510005808 | SUPPLY OF SEMISKILLED WORKERS FOR MATERIAL HANDLING SUCH AS SPARES AND CONSUMBLES FROM SMS-2 TO OTHER DEPARTMENTS AND VICE VERSA | 927.000 | MDY | 475.40 | 440,695.80 |
| 42 | 510005809 | SUPPLY OF UNSKILLED WORKERS FOR MATERIAL HANDLING SUCH AS SPARES AND CONSUMBLES FROM SMS-2 TO OTHER DEPARTMENTS AND VICE VERSA | 2,781.000 | MDY | 428.00 | 1,190,268.00 |
| Total Value: In words : ninety seven lakh ninety nine thousand nine hundred thirteen rupees ninety paise | | | | | | 9,799,913.90 |

Signature of the Tendere

**Form-G**

**RASHTRIYA ISPAT NIGAM LIMITED
VISAKHAPATNAM STEEL PLANT**

**WORKS CONTRACTS DEPARTMENT
BILL OF QUANTITIES (BOQ)**

Tender No: 74603-0

NAME OF THE WORK:

**MECHANICAL MAINTENANCE OF GCP EQUIPMENTS IN
SMS#2 AND MANPOWER ASSISTANCE TO MECHANICAL
PLANNING SECTIONS OF SMS#2**

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.
3. The Estimate of this Tender is based on the RINL/VSP approved Wages rates, consequent to the minimum wage of Contract worker as notified by the Regional Labour Commissioner (Central), Hyderabad, which is given below. In case revision in the minimum wages of contract labour takes place, Escalation due to this shall be payable to the contract as per Escalation Formula indicated in the Special Conditions of Contract :

| | Unskilled Worker (USW) | Semi-Skilled Worker (SSW) | Skilled Worker (SKW) |
|--|------------------------|---------------------------|----------------------|
| RINL/VSP approved Rate, ₹ | 428.00 | 475.40 | 546.45 |
| Minimum Wages as notified by the RLC (Central), Hyderabad, ₹ | 257.00 | 291.00 | 342.00 |

| No. | DESCRIPTION | UNIT | QTY. | RATE (₹) | AMOUNT (₹) |
|-----|--|---|------|----------|---------------------|
| | AS PER THE BILL OF QUANTITIES ENCLOSED | Estimated Value:- (Rupees Ninety Seven Lakhs Ninety Nine Thousand Nine Hundred Thirteen and Paise Ninety only) | | | 97,99,913=90 |

Total Amount Quoted In Figures: ₹ _____

Total Amount Quoted In Words: ₹ _____

_____ **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.

Date: