



RASHTRIYA ISPAT NIGAM LIMITED
VISAKHAPATNAM STEEL PLANT
(A Govt. of India Enterprise)
W11 - JIBAN MAJHI

WORKS CONTRACTS DEPT, VISAKHAPATNAM STEEL PLANT,
VISAKHAPATNAM - 530031, ANDHRA PRADESH -
INDIA

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NOTICE INVITING TENDER (NIT)

NIT TYPE: 2-PRT % BID E-RFX

VSP/1200/CED/2017/00599

NIT NUMBER & DATE: 2600001505 Dated 07.11.2017

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

1. NAME OF THE WORK:

MISCELLANEOUS CIVIL JOBS IN CENTRAL STORES ZONES / AREAS

2 KEY INFORMATION:

Type of Bid	Type of Submission	EMD in INR	Submission Dead Line date & time in	Bid Opening Date & time in Hours
TWO PART BID	E BID	37500.00	21.11.2017 15:00	21.11.2017 15:30

Contract period: 09 months

Defect Liability Period : 06 months

Engineer In charge: MANAGER(C)-CED

Estimation Amount : Rs.33,22,784=02

Welfare Allowance : APPLICABLE,,

3 OFFER VALIDITY DATE:

Your offer should be valid upto 20.03.2018.

4 CURRENCY:

INR.

5 ELIGIBILITY/EXPERIANCE CRITERIA :

Agencies registered under Category 2.1 of Class "D" or "C" will only be considered

6. NATURE & SCOPE OF WORK:

7 ITEM DETAILS/BOQ:

AS PER ATTACHMENT IN C-FOLDER

8 LIST OF TENDER DOCUMENTS:

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

- 1) Tender schedule containing NIT, Scope of Work, Terms & Conditions, Additional Special Conditions, Preamble to BOQ, Bill of Quantities, Special Conditions of Contract, Undertaking letter
- 2) Undertaking Letter

9 DOCUMENTS TO BE UPLOADED IN CFOLDER TECH BID:

A) For Earnest Money Deposit: Agencies to transfer the Earnest Money to the Account No. 915020053600067 of Axis Bank Ltd., payable at Gajuwaka Branch (Branch Code 075). The IFSC Code is UTIB0000075 and SWIFT Code is AXISINBB075.

CASH DEPOSITS TOWARDS EARNEST MONEY DEPOSIT (EMD) IN THE ABOVE SAID AXIS BANK WILL NOT BE ACCEPTED AND SUCH OFFERS WILL BE REJECTED.

(i) Agency has to indicate the Bank UTR Numbers (NEFT Transaction Id Numbers) of Earnest Money Deposit (EMD) in the Questions tab section which is mandatory.

If the agency seeks exemption from submission of EMD, the agency needs to submit the following:

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

B) Statutory Documents to be submitted, wherever required

- i) Electrical License (For Electrical contracts) Agencies having valid Electrical license issued by any State Licensing Board / Authority will only be considered
- ii) Boiler License (For cases wherever required) Agencies should have boiler repair license, Category-1 issued by the Directorate of Boilers, Andhra Pradesh
- iii) Competency Certificate issued by Director of Factories, AP

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

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

10 E RFX SUBMISSION PROCEDURE -2 PART:

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

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

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

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

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

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

11 E-RFX OPENING PROCEDURE- 2 PART:

E-RFx Responses are opened in the system Electronically.

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

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

12 E-RFX EVALUATION PROCESS:

(a) Pre-qualification evaluation shall be done based on the documents submitted by the bidders in PQC & Tech RFx cFolders.

(b) All the RFxs shall be evaluated on the basis of landed cost only which includes all taxes and duties but excluding Goods & Service Tax (GST).

(c) TAL1 (Technically accepted L1) price arrived by the system shall follow automatically to Auction document as start bid price for all cases of Reverse Auction and will be visible in the system only after the start time of Live Auction (E-Reverse Auction).

(d) On completion of Live Auction, composite comparative statement is generated by the system considering the RFx Prices and Reverse Auction Prices. Placement of Order shall be considered on the L-1 price so arrived.

(e) Notwithstanding anything specified in this tender documents, RINL, in its sole discretion, unconditionally and without having to assign any reason, reserves the following rights:

(i) To reject the response whose performance is poor in awarded / ongoing works if any.

(ii) To give purchase preference to Public Sector Undertakings wherever applicable as per Government Policy / Guidelines

(iii) To extend purchase preference to Local MSEs (Micro & Small Enterprises) as per prevailing guidelines of RINL subject to submission of documents as stipulated in Detailed Terms & Conditions of NIT.

13 REVERSE E-AUCTION PROCESS:

RINL shall have the option of resorting to reverse e-auction on SAP SRM LIVE AUCTION PLATFORM. All technically and commercially acceptable bidders would be required to participate in the reverse e-auction and quote from a start Price. In reverse e-auction the bidders would be required to quote prices on the basis of landed cost but excluding GST. Definition of key terms for RINLs SAP SRM Live-auction (E-Reverse Auction) user manual is available in SRM Portal. No separate User ID and Password is required for participating in Live Auction. User ID and Password used for Participating in E-Tendering to be used for Live Auction also.

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

JIBAN MAJHI

ANNEXURE :

1 DETAILED TERMS & CONDITIONS OF NIT:

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

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

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

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

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

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

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

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

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

9) If it comes to the notice of VSP at any stage right from request for registration/ tender document that any of the certificates/ documents submitted by applicant for registration or by bidders are found to be false/ fake/ doctored, the party will be debarred from participation in all VSP tenders for a period of 05(FIVE) years including termination of contract, if awarded. E.M.D/ Security Deposit etc., if any will be forfeited. The contracting agency in such cases shall make good to VSP any loss or damage resulting from such termination. Contracts in operation any where in VSP will also be terminated with attendant fall outs like forfeiture of E.M.D./ Security Deposit, if any, and recovery of risk and cost charges etc., Decision of V.S.P Management will be final and binding.

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

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

12) RINL will not be responsible for any delay/ loss/ any website related problems in downloading the tender documents etc. RINL reserve the right to (A) Split and award the work to more than one agency, (B) Reject any or all the tenders or to accept any tender wholly or in part or drop the proposal of receiving tenders at any time without assigning any reason there of and without being liable to refund the Tender fee thereupon.

2 INSTRUCTIONS TO TENDERERS:

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

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

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

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

Evaluation criteria:

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

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

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

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

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

7) Corrections/ amendments/ replacement to/ of the Deficient documents / Financial Instruments for EMD shall not be sought in the following cases where:

- i) There is evidence of Tampering/ Unauthorized correction.
- ii) The value of Financial instrument(s)/ document(s) is falling short of the value stipulated in the NIT.
- iii) The Validity of the BG(s) as on Initial TOD is falling short of the minimum Validity period stipulated in the tender.
- iv) Discrepancy exists in the name of Payee/ Beneficiary.
- v) The Bidder fails to submit EMD or submission of UTR No./ Receipt No.

3 EMD SUBMISSION PROCESS:

1) In case of Earnest Money Deposit being less than or equal to Rs. 5 Lakhs, Earnest Money Deposit shall be by means of NEFT. No other mode of payment will be accepted. However, in case EMD exceeds Rs.5 Lakhs, tenderers have the option to submit the same in the form of Bank Guarantee (In the format as enclosed to the GCC) from any Scheduled Commercial Bank, encashable at Visakhapatnam. Bank Guarantees shall be valid for a minimum period of 04(Four) months from the Bid opening date. The above shall supersede the instructions regarding Form of EMD elsewhere in the tender document.

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

3) EXEMPTIONS / PREFERENCES FOR MICRO AND SMALL ENTERPRISES:

1. Micro and Small Enterprises (MSEs) are exempted from submission of Cost of Tender Documents / Tender Processing Fee (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 proof of enlistment / registration with any of the following agencies:

- (i) District Industries Centre [Acknowledge of Entrepreneur Memorandum ie. EM (Part # II)]

- (ii) Khadi and Village Industries Commission
- (iii) Khadi and Village Industries Board
- (iv) Coil Board
- (v) National Small Industries Corporation (NSIC)
- (vi) Directorate of Handicrafts Handloom
- (vii) Any other body specified by Ministry of MSME

Note:

- (a) Tender documents are uploaded in the websites (www.vizagsteel.com; www.pubtenders.gov.in; <http://eprocure.gov.in>) and are to be down loaded from there only.
- (b) The Micro and Small Enterprises registered for the particular trade/items for which the tender is relevant, would only be eligible for exemption.
- (c) As regards Security Deposit (SD) exemption, the MSEs shall be required to submit a #Performance Guarantee Bond# of requisite value in the prescribed pro-forma in lieu of Security Deposit. It may be noted that waiver of SD is permitted only up to the monetary limit as specified in the proof of enlistment for which the unit is registered.

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

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

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

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

SCOPE OF WORK

Work Desc : **MISCELLANEOUS CIVIL JOBS IN CENTRAL STORES ZONES / AREAS**

Cond No	Cond Desc
1	Scope includes but not limited to the following
a	Carrying out miscellaneous civil repairs jobs.
b	Laying of concrete and other pathways, construction of buildings, scooter sheds and other works of construction nature
c	Civil modification and other one time jobs

TERMS AND CONDITIONS

WORK DESC : MISCELLANEOUS CIVIL JOBS IN CENTRAL STORES ZONES / AREAS	
Cond No	Cond Desc
1	<p>Date of start of Contract and Period of Contract :</p> <p>a) Date of Start of Contract :</p> <p>i) The date of start of the contract will be reckoned from the date as specified in LOA/WO (Telex/ Fax/ LOA/ WO etc.).</p> <p>ii) The agency shall obtain ESI Registration, Labour Licence, required Insurance Coverage Policy for Payment of an ex-gratia amount of ` 5,00,000/- per head in case of fatal accident for their workmen and Third Party Insurance, by the date mentioned for the date of start as specified in LOA/WO (Telex/ Fax/ LOA/ WO etc) in case the LOA/WO is issued in advance period of not less than 7 days or otherwise within 7 days from the date of issue of LOA/WO (Telex/ Fax/ LOA/ WO etc.,). A penalty of ` 300/- per day will be levied beyond the above Stipulated period till the same are complied.</p> <p>iii) The agency shall start work by obtain gate passes and safety clearance for the workmen within 15days from the date of start as specified in LOA/WO (Telex/ Fax/ LOA/ WO etc.) or otherwise an amount equivalent to 0.10% of awarded value of subject work will be levied as penalty for each day beyond 15days in addition to the penalty mentioned at (ii) above for initial delay in obtaining ESI Registration, Labour Licence, required insurance Coverage Policy for Payment of an ex-gratia amount of ` 5,00,000/- per head in case in case of fatal accident for their workmen and Third Party Insurance.</p> <p>iv) The latest date of obtaining the ESI Registration, Labour Licence, Insurance Coverages, Gate passes and Safety Clearance will be the actual date of start of work.</p> <p>b) Period of Contract : 9 (Nine) months including 15 days from the date of start as specified in LOA/WO (Telex/ Fax/ LOA/ WO etc.). (15 days is for obtaining gate passes to workmen and safety clearance).</p>
2	The rates quoted for items shall be complete in all respects and shall include the cost of scaffolding, lead, lift, tools, tackles, safety appliances, men and material and wastage, if any.
3	The tenderer should clearly understand that the work may have to be carried out in hot places, during shut-down and breakdowns as necessary. The work may have to be carried out round the clock. Shoring, strutting, dewatering etc. may have to be done in order to create front for doing the work. The rates will cover all the above eventualities and no extra claim will be entertained on any account.
4	Agency has to account for VSP supplied materials as per standard procedure of Visakhapatnam Steel Plant.
5	Defect liability period :

TERMS AND CONDITIONS

WORK DESC : MISCELLANEOUS CIVIL JOBS IN CENTRAL STORES ZONES / AREAS	
Cond No	Cond Desc
	<p>i)6(SIX) Months from the date of Completion as certified by the Engineer-in-charge.</p> <p>ii)The contractor shall stand guarantee for materials and workmanship as per Clause No. 10 of General Conditions of Contract. During the defect liability period , if any defect is observed due to workmanship or from any act or omission of the contractor, the contractor shall execute all such work of rectification and making good of defects, as may be required of him by the Engineer, at his own cost and within the time stipulated by the Engineer.If the contractor shall fail to do any such work as required by the Engineer, second half of the Retention money shall be liable to be forfeited and the contractor shall make himself liable to be blacklisted in addition to other remedial measures as provided in the General Conditions of Contract.</p> <p>iii) The contractor shall indemnify the Employer against any loss/liability that may be incurred by him on account of any failure on the part of the contractor for timely rectification of the defects pointed out within the defect liability period.</p>
6	<p>Sand,Coarse Aggregate,Bricks,Glazed tiles & Concrete which are to be arranged by the contractor for use in the works will be tested in VSP Laboratory or any other approved/ recognised laboratory, if such facility is not available in VSP laboratory as required. Upon approval of the same only work will be accepted. The testing charges will be borne by the agency, if test is done at any other laboratory other than VSP laboratory. If the material fails, the cost of such tests as per VSP approved rates and or rectification thereof shall be borne by the agency even if the material is tested in the VSP laboratory .</p>
7	<p>The containers of all materials supplied free by the employer need not be returned by the contractor. The tendered rates shall take into account the realisable values.</p>
8	<p>Cement will be issued by the Engineer free of cost at the Employer's Store(s)/yard. The consumption figures of the cement (including wastage) for various items will be taken from CPWD norms (as per latest DSR).Wherever CPWD norms for Cement Consumption are not available, cement consumption will be worked out based on actual observation data.</p>
9	<p>Reinforcement steel and structural steel as mentioned in the item description will be issued free of cost by the employer at the Employer's Store(s)/Yard. The quantity will be limited to the total quantity required as per contract plus permissible wastage of not more than 2.0 %. The reinforcement bars of lengths below 300 mm will be treated as scrap. All such scraps and only damaged pieces will be deemed to have been covered under the permissible wastage. The penal charges will be levied for any shortage in accounting the steel materials beyond the above permissible wastage of 2.0 % at the rates listed in Sl. No. 10 of Terms & Conditions.</p>
10	<p>The penal charges will be levied for any shortage in accounting the free issue materials at 150% of market rate as on date of accounting</p>

TERMS AND CONDITIONS

WORK DESC : MISCELLANEOUS CIVIL JOBS IN CENTRAL STORES ZONES / AREAS	
Cond No	Cond Desc
	material or as on date of completion of work whichever is later.
11	Agency will deploy at least one Experienced Supervisor (with minimum 3 years experience in civil works) or Civil Diploma holder all the time throughout the currency of contract. He will give commitment regarding deployment of men and machinery indicating source of deployment and will further commit that they will be available at site all the time as per requirement throughout the currency of the contract.
12	The contractor shall submit the Running Account Bills (RAB), Pre and Final bills, along with challans indicating the details of dispatches, giving the mark numbers along with inspection certificates, entry certificate at the gate issued by CISF and such other documents as may be required by the employer.
13	The Contractor has to submit Royalty Clearance Certificate from AP State Government for the minor minerals consumed for the work after completion of work for processing final bill. If the contractor fails to submit MRC (Mineral Revenue clearance), VSP shall recover normal Seigniorage fee with applicable penalty as fixed by the Government fromtime-to-time for the deficit quantities, from the final bill of the Contractor. However running bills will be released on production of MRRs / Transit slips.
14	" In case the test cubes failed in achieving the specified cube strength and where no remedial measures are considered necessary and concrete is below specified strength, the payment will be made as under: ----- Sl Percentage of achievement Percentage of rebate No of cube strength

TERMS AND CONDITIONS

WORK DESC : MISCELLANEOUS CIVIL JOBS IN CENTRAL STORES ZONES / AREAS	
Cond No	Cond Desc
	obligation to suitably remedy the pollution or health impairment caused, to acceptable standards, failing which the VSP management shall effect necessary recovery for the bills of the contractor and remedy the pollution/ health impairment caused.
17	<p>The following environment,safety& health points are to be adhered:</p> <p>a) The contractor must adhere to all the applicable statutory laws pertaining to safety, health and environment.</p> <p>b) The contractor must ensure that there is no wastage of water at the work site The contractor must also ensure that all the water tapping points are leak proof.</p> <p>c) All the motor vehicles of the contractor used for transporting materials/machinery etc. should have pollution control certificates and the same should be submitted at the time of obtaining gate passes. A copy of the same must be exhibited/pasted on the vehicle also.</p> <p>d) The contractor must ensure dust suppression measures in the work areas by sprinkling of water, etc. and also ensure that all his workers use dust masks while working in dusty areas.</p> <p>e) The contractor must ensure proper house keeping at site by keeping the work-areas free from unwanted material and greases, oil to avoid slips & falls.</p> <p>f) The contractor must ensure that all the debris generated during the work is transported safely to dump yard such that there is no spillage of debris on the road during transportation (by covering with a plastic sheet/tarpaulin.)</p> <p>g) All the garbage collected from dust bins, etc. should be transported in covered vehicles.</p> <p>h) All the material which may be recycled/reused should be transported to the designated place for reuse/recycling.</p> <p>i) All the cut jungle growth and trees should be disposed at the dumping yard without open air burning.</p> <p>j) Heating/melting of bitumen must be done in boilers only. Heating/melting of bitumen in open drums/containers is prohibited.</p> <p>k) The contractor must ensure that there is no spillage of oil or paints on the floors/grounds etc</p> <p>l) All representatives/supervisors/workers of contractors must take safety and environmental induction training and comply with the instructions given there in.</p>
18	Roots of trees of all girth cut as specified in the Tree cutting item shall be treated with one liter mixture of FERNOXONE and

TERMS AND CONDITIONS

WORK DESC : MISCELLANEOUS CIVIL JOBS IN CENTRAL STORES ZONES / AREAS	
Cond No	Cond Desc
	waste oil solution mixed in the ratio of 750 Liters of potable water, 4.5 Kgs of FERNOXONE and 10 liters of waste oil.
19	VSP may permit jungle cutting manually at its sole discretion in areas where machine cutting may not be possible like in fire prone areas in C&CCD, Aux.Shops etc., areas strewn with boulders, scrap and other debris etc., and in case of urgent requirement like VIP visits etc. No extra payment will be made for such manual deployment.
20	Water proofing cement paint shall be procured from authorised stockists of manufacturers. Purchase documents along with Batch Nos. and empties shall be surrendered to VSP for accounting/ reconciliation
21	Excavated earth, debris, removed materials from drains, dismantled materials etc., should not be kept within 15m from edge of excavation/drain/building. No payment will be released if found within 15m
22	The contractor will be allowed to prepare and use concrete by volumetric mix as per IS: 456 latest editions.
23	At least one Grass cutting machine(Diesel/Petrol/Electrical driven) in working condition shall be available with the contractor through out the contract period. In case of non-availability of the machine a penalty of ` 2,500/- per month will be recovered from the RA bills.
24	The agency has to ensure that he has got at least one petrol/diesel vibrator with minimum three nozzles of different sizes, sickle and other appliances for grass cutting, 10 Nos. of long and short chisels with hammers, and concrete cube moulds of sizes 15 cm X 15 cm X 15 cm one set.
25	All bought out items will be either ISI marked or as per approved list attached at Annexure-"A".
26	<p>GST Clause:</p> <p>The scope of materials supply and consumables supply in the present proposal are as follows:</p> <p>a)Materials to be supplied by VSP : CEMENT, REINFORCEMENT STEEL, LIME, GI PIPES, MS PIPES, STRUCTURAL STEEL, BARBED WIRE, ACID/ ALKALI PROOF BRICKS, POTASIMUM SILICATE MORTAR/PUTTY EPOXY BASED MORTAR ONLY.</p> <p>b)Consumables to be supplied by VSP : --Nil--</p> <p>c)Materials to be supplied by Contractor: All materials required as per BOQ items except mentioned at clause no.26.a.</p> <p>d)Consumables to be supplied by Contractor : All consumables required as per BOQ items.</p> <p>The deduction of GST shall be done as per the rules prevailing from time to time.</p>
27	Agency has to deploy machinery wherever required for speedy Completion of the work. No extra payment will be made on this account.

TERMS AND CONDITIONS

WORK DESC : MISCELLANEOUS CIVIL JOBS IN CENTRAL STORES ZONES / AREAS	
Cond No	Cond Desc
28	Agency should use only 4 wheelers for any requirement at site & 3 wheelers should not be used.
29	Workers engaged for this work are eligible to receive Welfare Allowance
30	If the work is not started after obtaining Passes OR stopped at any time during contract period an amount equivalent to 0.10% of awarded value of work will be recovered for each day stoppage excluding weekly off's/specified holidays

ADDITIONAL SPECIAL CONDITIONS

Work Desc **MISCELLANEOUS CIVIL JOBS IN CENTRAL STORES ZONES / AREAS**

Cond No	Cond Desc	
1	(Annexure to SCC for Civil Repair Works - SCC/01) LIST OF PREFERRED MAKES	ANNEXURE - A
	SNO DESCRIPTION	MAKE
	01 Water Proofing Compound	CICO / NOLEEK / SCOTT / FOSROC
	02 Factory Made wooden door/ window Shutters	COT / AWP / VANYA / STANDARD
	03 Glass	TRIVENI / HINDUSTAN / WINDOW
	04 Particle Board	IPM / SWASTIK / NOVOPAN
	05 Laminate Sheet	FORMICA / NEOLUXE
	06 Curtain Rail	JINDAL / INDAL
	07 Aluminium Fittings	SLAI / SAI / EZZI
	08 CPMS Screws	NETTLEFOLD / SK / SAMRAT
	09 Mortise Lock	GODREJ
	10 Multipurpose Lock	GODREJ
	11 Hydraulic Floor Spring	HARDWYN / KELVIN / EVERITE
	12 Hydraulic Door Closer	DYNA / EVERITE / KELVIN
	13 MS Aldorp	CROWN / GURG
	14 Piano Hinges	RRD / DEEPAK / LAKSHMI
	15 CP Brass Rollers	VIJAY / SURESH
	16 Glass Sliding Rollers	JINDAL / INDAL/ FLYRIAL
	17 CP Brass Lock	HARSHAD / FLORA
	18 Aluminium Coat & Hat Hook	SLAI / SAI / EZZI
	19 Brass Ball Catch	HARSHAD / FLORA / ATUL/VIJAY
	20 Ceramic Floor Tiles	NAVEEN / SPARTEK / RESTILE
	21 PVC Floor tiles	BHOR / VINYL / CARARA
	22 Glazed Tiles	JOHNSON / SOMANY & PILKINGTON
	23 Acid Proof Tiles	MITSUGEN / KERA / REGENCY
	24 Burnt Clay Tiles	BTI / SVTI / SBTI
	25 AC Pipes & Fittings	INDO / EVEREST
	26 Water Proof Cement Paint	SNOWCEM PLUS/ DUROCEM SUPER DECORCEM (ONLY ARE ACCEPTABLE)
	27 Washable Distemper Paint	J & N / BERGER / GARCOAT / ASIAN
	28 Emulsion Paint	J & N / BERGER / GARCOAT / ASIAN
2	29 Chlorinated Rubber paint	J & N / BERGER / COROMANDEL
	30 Enamel Paint	J & N / BROLAC / BERGER LUXOL / H-GLOSS / GARCOAT / SUPER GLOSS COROMANDAL COROLUX / ASIAN
	31 Red oxide /Red oxide Zinc Chromate / Zinc Chromate Yellow primers	J & N / BERGER / GARCOAT / COROMANDEL / ASIAN
	32 Vitreous Water Closet/ Wash basin / Urinal	PARRYWARE / HINDUSTAN / NYCER /JOHNSON
	33 Fire Clay Kitchen Sink / Drain Board	SANFIRE / PAMALI / RKCP
	34 CI High Level Flush Tank	RELIANCE
	35 Flushing Cistern	PARRYWARE / PRINCE
	36 Glass Mirror	CROWN / GOLDENFISH
	37 CP Brass Tower Ring	BESTO / PLUMBER

ADDITIONAL SPECIAL CONDITIONS

Work Desc **MISCELLANEOUS CIVIL JOBS IN CENTRAL STORES ZONES / AREAS**

Cond No	Cond Desc	
	38 Anodised Aluminium Towel Rail	BESTO / PLUMBER
	39 SCI Pipes and Fittings	BIC / ALC / AMC
	40 SCI Floor Trap	BIC / ALC / AMC
	41 Galvanised Steel Pipes	JTC / JINDAL / PRAKASH / GST / ZENITH / QST
	42 Galvanised Steel Fittings	HB / SUN / SRI
	43 Rigid PVC Pipes & Fittings	PRINCE / FINOLEX / SUPREME / BHARAT
	44 HDPE Pipes & Fittings	EMCO / ORIPLAST / MANIKYA
	45 Stainless Steel Sinks	NIRALI / KINGSTON / DIAMOND
	46 Waste Couplings	KINGSTON / NOVA / SPECTRUM
	47 CP Brass Shower	BESTO / PLUMBER
	48 CP Brass Water Supply Fittings	METRO / SOMA / SPECTRUM / NOVA
	49 CP Brass Bottle Trap	SOMA / NOVA / SPECTRUM / KINGSTON
	50 CP Brass Flush Valve	METRO / NOVA / SPECTRUM
	51 15 mm PVC Inlet Connection	ROYAL / SUNDEEP
	52 Plastic Toilet Seat Cover	PATEL / COMMANDER
	53 Asbestos Cement Sheets	CHARMINAR / EVEREST
	54 Gun Metal Non-return Valve	LEADER / LDR
	55 Plastic Bib cock	BELNAL / PRINCE / PRAYAS
3	56 Float Valve, Push Cock	PRAYAG
	57 Brass Full Way Wheel Valve	LEADER / ZOLOTO
	58 32 mm Dia/40 mm Dia Waste Pipes	BRIGHT / CAISPO
	59 Stoneware Gully Trap	INDO / SRMC
	60 CI Fittings	UPADYAYA / RONA / VENUS
	61 Manhole Covers	POLYCRETE / SFRC
	62 Glazed Stoneware Pipes	INDO / SRMC
	63 PVC Conduits/Sleeves	VISHAL / RATNA / MERCURY / PLAZA
	64 GI Chain link Fence	SUMA / ADVANI
	65 CI Pipes & Fittings	KESOSPUN / IISCO / ELECTROSPUN
	66 Sluice Valves	IVC / FOURESS / RONEX
	67 Air Valves	IVC / UPADHYAYA
	68 Water Meter	DASHMESH / RAJKAMAL
	69 Country Wood	SAL WOOD/ KAMBA SPECIES

NOTE :1) ISI Stamped/marked items will be treated as commercial/ Technical equivalents to the brands specified in the above list of specifications.		

PREAMBLE TO BOO

Work Desc	MISCELLANEOUS CIVIL JOBS IN CENTRAL STORES ZONES/AREAS
Cond No	Cond Desc
1	Wherever the replacement work exists, the old items are to be dismantled for fixing the new items. The related connections are to be made good for proper functioning of new items. The rates quoted shall cater for this eventuality unless otherwise stated. The dismantled items are to be Handed over to the Stores.
2	The rates quoted shall be applicable for all works to be carried out at all heights and depths above or below plinth level and location unless otherwise specially stated.
3	The rates quoted shall be deemed to include completion of an item of work as per drawings, specification / relevant IS codes and / or directions of the Engineer. The work may be of intermittent nature. The rates shall be deemed to cater for stoppages due to shutdown / break down, non-availability of front due to operational / safety reasons. No additional payment shall be allowed on account of these.



RAHSTRIYA ISPAT NIGAM LIMITED
VISAKHAPATNAM STEEL PLANT
VISAKHAPATNAM - 530031

BILL OF QUANTITIES

PR No / Date: 73002973 / 28.09.2017	Report Date : 28.09.2017
Pur . Org.: WORKS CONTRACTS	
MSS: 5930313409 : MISCELLANEOUS CIVIL JOBS IN CENTRAL STOR	
MISCELLANEOUS CIVIL JOBS IN CENTRAL STORES ZONES/AREAS	

The BOQ Items are taken as per the following Rates.						
	Central Rates	VSP Rates				
Skilled	414.000	697.550				
Semi Skilled	353.000	597.550				
Unskilled	312.000	530.300				
Sl.No	Service Number	Description of the item	Qty	UOM	Rate	Amount
1	310000005	CLEARING LIGHT JUNGLE INCLUDING SHRUBS,BUSHES,GRASS AND PLANT SAPLINGS OF GIRTH UPTO 300 MM MEASURED AT 1 M HEIGHT FROM GROUND LEVEL BY MECHANICAL MEANS AND REMOVAL OF CUT JUNGLE UPTO A DISTANCE OF 3K M OUTSIDE THE PERIPHERY OF THE AREA CLEARED AS PER THE DIRECTION OF THE ENGINEER AND BURNING THE JUNGLE AT DUMPING PLACE,INCLUDING ALL MATERIALS,TOOLS AND LABOUR COMPLETE.	800,000.000	M2	0.77	616,000.00
2	310000006	FELLING OF TREES OF GIRTH (MEASURED AT A HEIGHT OF 1 M ABOVE GROUND LEVEL) AND CUTTING OF THE ROOTS UPTO 300MM BELOW GROUND LEVEL AND TRANSPORTATION OF CUT TREES UPTO A DISTANCE OF 3 K M & BURNING THE SAME AND TREATING THE PIT WITH CHEMICAL AS SPECIFIED IN SPECIAL CONDITION OF CONTRACT AND FILLING UP PITS WITH EARTH AND BURNING THE CUT TREES ASIDE INCLUDING ALL MATERIALS TOOLS LABOUR COMPLETE.: -BEYOND 300MM GIRTH UPTO AND INCLUDING 600MM GIRTH	2,400.000	EA	47.75	114,600.00
3	310000007	FELLING OF TREES OF GIRTH (MEASURED AT A HEIGHT OF 1M ABOVE GROUND LEVEL) AND CUTTING OF THE ROOTS UPTO 300MM BELOW GROUND LEVEL AND TRANSPORTATION OF CUT TREES UPTO A DISTANCE OF 3KM & BURNING THE SAME AND TREATING THE PIT WITH CHEMICAL AS SPECIFIED IN SPECIAL CONDITION OF CONTRACT AND FILLING UP PITS WITH EARTH AND BURNING THE CUT TREES ASIDE INCLUDING ALL MATERIALS TOOLS LABOUR COMPLETE.: -BEYOND 600MM GIRTH UPTO AND INCLUDING 1200MM GIRTH.	50.000	EA	66.82	3,341.00
4	310000008	EARTH WORK IN EXCAVATION IN ALL TYPES OF SOILS AND HIGHLY DISINTEGRATED ROCK IN FOUNDATION TRENCHES OR DRAINS NOT EXCEEDING 1.5 M WIDTH OR 10 SQM IN PLAN,DRESSING OF SIDES, RAMMING OF BOTTOMS,LIFT UPTO 1.5 M INCLUDING GETTING OUT THE EXCAVATED SOIL AS DIRECTED WITHIN A LEAD OF 50 M INCLUDING ALL MATERIALS,TOOLS AND LABOUR COMPLETE.	350.000	M3	93.71	32,798.50
5	310000010	EARTH WORK IN EXCAVATION IN ALL TYPES OF SOILS AND HIGHLY DISINTEGRATED ROCK OVER AREAS EXCEEDING 1.5 M WIDTH OR 10 SQM IN PLAN,DRESSING OF SIDES, RAMMING OF BOTTOMS,LIFT UPTO 1.5 M	950.000	M3	81.99	77,890.50



RAHSTRIYA ISPAT NIGAM LIMITED
VISAKHAPATNAM STEEL PLANT
VISAKHAPATNAM - 530031

BILL OF QUANTITIES

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		INCLUDING GETTING OUT THE EXCAVATED SOIL AS DIRECTED WITHIN A LEAD OF 50 M INCLUDING ALL MATERIALS,TOOLS AND LABOUR COMPLETE.				
6	310000011	FILLING WITH AVAILABLE EXCAVATED EARTH EXCLUDING ROCK IN TRENCHES PLINTH SIDES OF FOUNDATION,ETC,IN LAYERS NOT EXCEEDING 20 CMS.IN DEPTH CONSOLIDATING EACH DEPOSITED LAYER BY RAMMING AND WATERING,LEAD UPTO 50 M AND LIFT UPTO 1.5 M INCLUDING ALL MATERIALS,TOOLS AND LABOUR COMPLETE.(FINAL FILLED VOLUME IS THE BASIS FOR PAYMENT).	150.000	M3	30.90	4,635.00
7	310000012	DESILTING OF EXISTING DRAINS,HAVING SILT CONTENT NOT EXCEEDING 300 MM DEPTH AND DISPOSING THE SAME WITHIN A LEAD OF 50 M AND SPREADING IT IN LAYERS AS DIRECTED BY THE ENGINEER INCLUDING ALL MATERIALS,TOOLS AND LABOUR COMPLETE.: -FOR DRAINS UPTO 0.5 M BOTTOM WIDTH.	7,250.000	RM	6.61	47,922.50
8	310000013	DESILTING OF EXISTING DRAINS,HAVING SILT CONTENT NOT EXCEEDING 300 MM DEPTH AND DISPOSING THE SAME WITHIN A LEAD OF 50 M AND SPREADING IT IN LAYERS AS DIRECTED BY THE ENGINEER INCLUDING ALL MATERIALS,TOOLS AND LABOUR COMPLETE.: -FOR DRAINS ABOVE 0.5 M AND UPTO 1.0 M BOTTOM WIDTH.	220.000	RM	14.25	3,135.00
9	310000014	REMOVAL OF DEPOSITED EARTH / DEBRIS LIKE COKE,BRICKS,STONE ETC.FROM THE DRAIN COVERED WITH PRECAST COVERS (DEPOSITED EARTH / DEBRIS MORE THAN 300 MM DEPTH) AND DEPOSITING THE SAME WITHIN A LEAD OF 50 M AND SPREADING IT IN LAYERS AS DIRECTED BY THE ENGINEER INCLUDING REMOVAL OF PRECAST COVERS AND REFIXING AFTER REMOVAL OF EARTH / DEBRIS INCLUDING ALL MATERIALS,TOOLS AND LABOUR COMPLETE.	50.000	M3	145.49	7,274.50
10	310000015	REMOVAL,LOADING,TRANSPORTING OF DEBRIS,SLAG,LIMESTONE,LIME DUST BUILDING RUBBISH,MUCK,SILT,SURPLUS EARTH,OIL/GREASE SOAKED MATERIALS,COTTON WASTE OR ANY OTHER OPERATIONAL WASTE ETC.AND UNLOADING TO DISPOSAL PLACES / AREAS.: -UPTO A LEAD OF 1.0KM.	980.000	M3	42.40	41,552.00
11	310000016	REMOVAL,LOADING,TRANSPORTING OF DEBRIS,SLAG,LIMESTONE,LIME DUST BUILDING RUBBISH,MUCK,SILT,SURPLUS EARTH,OIL/GREASE SOAKED MATERIALS,COTTON WASTE OR ANY OTHER OPERATIONAL WASTE ETC.AND UNLOADING TO DISPOSAL PLACES / AREAS.: -UPTO A LEAD OF 2.0KMS.	950.000	M3	52.08	49,476.00
12	310000017	REMOVAL,LOADING,TRANSPORTING OF DEBRIS,SLAG,LIMESTONE,LIME DUST BUILDING RUBBISH,MUCK,SILT,SURPLUS EARTH,OIL/GREASE SOAKED MATERIALS,COTTON WASTE OR ANY OTHER OPERATIONAL WASTE ETC.AND UNLOADING TO	730.000	M3	58.92	43,011.60



RAHSTRIYA ISPAT NIGAM LIMITED
VISAKHAPATNAM STEEL PLANT
VISAKHAPATNAM - 530031

BILL OF QUANTITIES

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		DISPOSAL PLACES / AREAS.: -UPTO A LEAD OF 3.0KMS.				
13	310000018	REMOVAL,LOADING,TRANSPORTING OF DEBRIS,SLAG,LIMESTONE,LIME DUST BUILDING RUBBISH,MUCK,SILT,SURPLUS EARTH,OIL/GREASE SOAKED MATERIALS,COTTON WASTE OR ANY OTHER OPERATIONAL WASTE ETC.AND UNLOADING TO DISPOSAL PLACES / AREAS.: -UP TO A LEAD OF 4.0KMS.	490.000	M3	63.68	31,203.20
14	310000019	REMOVAL,LOADING,TRANSPORTING OF DEBRIS,SLAG,LIMESTONE,LIME DUST BUILDING RUBBISH,MUCK,SILT,SURPLUS EARTH,OIL/GREASE SOAKED MATERIALS,COTTON WASTE OR ANY OTHER OPERATIONAL WASTE ETC.AND UNLOADING TO DISPOSAL PLACES / AREAS.: -UP TO A LEAD OF 5.0KMS	200.000	M3	65.08	13,016.00
15	310000020	DEWATERING WITH 5 HP OR MORE CAPACITY DIESEL PUMP SUPPLIED BY AGENCY FOR 8 HOURS shf IN OPEN DRAINS,CHAMBERS,PITS IN STC TRACKS,ETC.AS DIRECTED BY ENGINEER INCLUDING COST OF DIESEL,OPERATOR CHARGES,TOOLS AND LABOUR COMPLETE.	2.000	SH	356.31	712.62
16	310000021	SPLY.AND FILLING CLEAN RIVER SAND IN TRENCHES,SIDES OF FOUNDATION,PLINTH UNDER FLOORS,ETC.INCLUDING WATERING,RAMMING,CONSOLIDATING AND DRESSING INCLUDING ALL MATERIALS,TOOLS AND LABOUR COMPLETE AS DIRECTED BY THE ENGINEER-IN-CHARGE.	1.000	M3	335.65	335.65
17	310000023	DEWATERING WITH DIESEL/ELECTRICAL PUMP SUPPLIED BY VSP,AT FREE OF HIRE CHARGES,AT VSP STORES FOR 8 HOURS shf IN OPEN DRAINS,CHAMBERS,PITS AS DIRECTED BY THE ENGINEER INCLUDING OPERATOR CHARGES,COST OF DIESEL/MAKING NECESSARY ELECTRICAL CONNECTIONS,TOOLS AND LABOUR COMPLETE.(ELECTRICAL/DIESEL PUMP WILL BE ISSUED BY VSP FREE OF HIRE CHARGES AND THE SAME WILL BE RETURNED BY THE AGENCY IN GOOD CONDITION AFTER COMPLETION OF THE JOB).	2.000	SH	325.41	650.82
18	310000033	SPLY.AND LAYING PLAIN CEMENT CONCRETE OF FOLLOWING GRADES AS DEFINED BY IS:456,MACHINE MIXED AND MECHANICALLY VIBRATED AT ALL HEIGHTS AND DEPTHS ABOVE AND BELOW PLINTH LEVEL ALL AS PER SPECIFICATION AND DIRECTIONS OF THE ENGINEER EXCLUDING FORM WORK,INCLUDING CURING,ALL MATERIALS,TOOLS AND LABOUR COMPLETE.(CEMENT WILL BE ISSUED FREE OF COST BY VSP).:-CONCRETE GRADE OF 1:3:6 USING 20 MM AND DOWN GRADED AGGREGATE.	5.000	M3	1,295.31	6,476.55
19	310000034	SPLY.AND LAYING PLAIN CEMENT CONCRETE OF FOLLOWING GRADES AS DEFINED BY IS:456,MACHINE MIXED AND MECHANICALLY VIBRATED AT ALL HEIGHTS AND DEPTHS ABOVE AND BELOW PLINTH	40.000	M3	1,350.99	54,039.60



RAHSTRIYA ISPAT NIGAM LIMITED
VISAKHAPATNAM STEEL PLANT
VISAKHAPATNAM - 530031

BILL OF QUANTITIES

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		LEVEL ALL AS PER SPECIFICATION AND DIRECTIONS OF THE ENGINEER EXCLUDING FORM WORK,INCLUDING CURING,ALL MATERIALS,TOOLS AND LABOUR COMPLETE.(CEMENT WILL BE ISSUED FREE OF COST BY VSP).:-CONCRETE GRADE OF 1:2:4 USING 20 MM AND DOWN GRADED AGGREGATE.				
20	310000037	SUPPLYING AND LAYING REINFORCED CEMENT CONCRETE OF FOLLOWING GRADES AS DEFINED IN IS:456,MACHINE MIXED AND MECHANICALLY VIBRATED BY USING 20 MM AND DOWN GRADED AGGREGATE FOR ALL TYPES OF BUILDINGS,INDUSTRIAL STRUCTURES,EQUIPMENT FOUNDATIONS,BASEMENTS,PUMP HOUSES,COLUMNS,RAFT SLABS,FOOTINGS,PEDESTALS,TUNNELS,PIPELINES,MAN HOLES,THRUST BLOCKS ETC.AT ALL HEIGHTS AND DEPTHS ABOVE AND BELOW PLINTH LEVEL ALL AS PER DRAWINGS,SPECIFICATIONS,DIRECTIONS OF THE ENGINEER EXCLUDING COST OF FORM WORK AND STEEL REINFORCEMENT INCLUDING ALL MATERIALS,CURING TOOLS,PLANT AND LABOUR COMPLETE.(CEMENT FREE ISSUE BY VSP).:-CONCRETE GRADE 1:2:4.	15.000	M3	1,318.17	19,772.55
21	310000038	SUPPLYING AND LAYING REINFORCED CEMENT CONCRETE OF FOLLOWING GRADES AS DEFINED IN IS:456,MACHINE MIXED AND MECHANICALLY VIBRATED BY USING 20 MM AND DOWN GRADED AGGREGATE FOR ALL TYPES OF BUILDINGS,INDUSTRIAL STRUCTURES,EQUIPMENT FOUNDATIONS,BASEMENTS,PUMP HOUSES,COLUMNS,RAFT SLABS,FOOTINGS,PEDESTALS,TUNNELS,PIPELINES,MAN HOLES,THRUST BLOCKS ETC.AT ALL HEIGHTS AND DEPTHS ABOVE AND BELOW PLINTH LEVEL ALL AS PER DRAWINGS,SPECIFICATIONS,DIRECTIONS OF THE ENGINEER EXCLUDING COST OF FORM WORK AND STEEL REINFORCEMENT INCLUDING ALL MATERIALS,CURING TOOLS,PLANT AND LABOUR COMPLETE.(CEMENT FREE ISSUE BY VSP).:-CONCRETE GRADE OF 1:1.5:3.	2.000	M3	1,349.04	2,698.08
22	310000039	SUPPLYING AND LAYING REINFORCED CEMENT CONCRETE OF FOLLOWING GRADES AS DEFINED IN IS:456,MACHINE MIXED AND MECHANICALLY VIBRATED BY USING 20 MM AND DOWN GRADED AGGREGATE FOR ALL TYPES OF BUILDINGS,INDUSTRIAL STRUCTURES,EQUIPMENT FOUNDATIONS,BASEMENTS,PUMP HOUSES,COLUMNS,RAFT SLABS,FOOTINGS,PEDESTALS,TUNNELS,PIPELINES,MAN HOLES,THRUST BLOCKS ETC.AT ALL DEPTHS BELOW PLINTH LEVEL ALL AS PER DRAWINGS,SPECIFICATIONS,DIRECTIONS OF THE	2.000	M3	1,455.03	2,910.06



RAHSTRIYA ISPAT NIGAM LIMITED
VISAKHAPATNAM STEEL PLANT
VISAKHAPATNAM - 530031

BILL OF QUANTITIES

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		ENGINEER EXCLUDING COST OF FORM WORK AND STEEL REINFORCEMENT INCLUDING ALL MATERIALS,CURING TOOLS,PLANT AND LABOUR COMPLETE.(CEMENT SHALL BE ISSUED FREE BY VSP AT VSP STORES).:-CONCRETE GRADE OF M-25				
23	310000042	SPLY.AND PLACING CEMENT CONCRETE GROUT OF GRADE OF 1:1.5:3 AS SPECIFIED BY USING 10 MM DOWN GRADED STONE AGGREGATE IN COLUMN BASES,MACHINE BASES,FOUNDATION TOP HOLES,POCKETS,ETC.MIXING,PLACING,COMPACTING AND CURING ALL MATERIALS,TOOLS AND LABOUR COMPLETE.(CEMENT WILL BE ISSUED FREE OF COST BY VSP).	1.000	M3	1,328.73	1,328.73
24	310000043	PROVIDING AND FIXING FORM WORK IN POSITION WITH NECESSARY CENTERING,BRACINGS,PROPPING,ETC.AND REMOVING THE SAME AFTER THE SPECIFIED PERIOD FOR ALL TYPES OF FORM WORK FOR PLAIN AND REINFORCED CEMENT CONCRETE WORK IN ALL TYPES OF BUILDINGS STRUCTURES,EQUIPMENT FOUNDATIONS,COLUMN FOOTINGS,TUNNELS,WALLS,SLABS,ETC.ALL AS PER DRAWINGS,SPECIFICATIONS AND DIRECTIONS OF THE ENGINEER ALL MATERIALS,TOOLS AND LABOUR COMPLETE.:-AT ALL DEPTHS BELOW PLINTH LEVEL.(PLINTH LEVEL MEANS 1.2METRE ABOVE GROUND LEVEL FOR WALLS ETC.WHEREVER PLINTH LEVEL IS NOT DEFINED.)	200.000	M2	81.12	16,224.00
25	310000044	PROVIDING AND FIXING FORM WORK IN POSITION WITH NECESSARY CENTERING,BRACINGS,PROPPING,ETC.AND REMOVING THE SAME AFTER THE SPECIFIED PERIOD FOR ALL TYPES OF FORM WORK FOR PLAIN AND REINFORCED CEMENT CONCRETE WORK IN ALL TYPES OF BUILDINGS STRUCTURES,EQUIPMENT FOUNDATIONS,COLUMN FOOTINGS,TUNNELS,WALLS,SLABS,ETC.ALL AS PER DRAWINGS,SPECIFICATIONS AND DIRECTIONS OF THE ENGINEER ALL MATERIALS,TOOLS AND LABOUR COMPLETE.:-AT ALL HEIGHTS ABOVE PLINTH LEVEL.(PLINTH LEVEL MEANS 1.2METRE ABOVE GROUND LEVEL FOR WALLS ETC.WHEREVER PLINTH LEVEL IS NOT DEFINED.)	25.000	M2	165.99	4,149.75
26	310000045	TAKING DELIVERY FROM STORES AND PLACING IN POSITION,STEEL REINFORCEMENT INCLUDING ANGLE/ PINS PROVIDED FOR WITH APPROVED WELDED JOINTS OR LAPS AS REQUIRED AT ALL LEVELS ABOVE AND BELOW PLINTH LEVEL FOR REINFORCED CEMENT CONCRETE AND PRECAST REINFORCED CEMENT CONCRETE WORKS INCLUDING STRAIGHTENING AND DECOILING CUTTING,BENDING,CRANKING,TACK WELDING AS NECESSARY ALL AS PER	0.200	TO	5,458.79	1,091.76



RAHSTRIYA ISPAT NIGAM LIMITED
VISAKHAPATNAM STEEL PLANT
VISAKHAPATNAM - 530031

BILL OF QUANTITIES

Sl.No	Service Number	Description of the item	Qty	UOM	Rate	Amount
		DRAWINGS,SPECIFICATIONS AND DIRECTIONS OF THE ENGINEER INCLUDING COST OF BINDING WIRE,COVER BLOCKS,ELECTRODES ETC.ALL MATERIALS,TOOLS,PLANT AND LABOUR COMPLETE.(STEEL FREE ISSUE BY VSP).:-WITH PLAIN M S ROUNDS OF ALL DIAMETERS.				
27	310000046	TAKING DELIVERY FROM STORES AND PLACING IN POSITION,STEEL REINFORCEMENT INCLUDING ANGLE/ PINS PROVIDED FOR WITH APPROVED WELDED JOINTS OR LAPS AS REQUIRED AT ALL LEVELS ABOVE AND BELOW PLINTH LEVEL FOR REINFORCED CEMENT CONCRETE AND PRECAST REINFORCED CEMENT CONCRETE WORKS INCLUDING STRAIGHTENING AND DECOILING CUTTING,BENDING,CRANKING,TACK WELDING AS NECESSARY ALL AS PER DRAWINGS,SPECIFICATIONS AND DIRECTIONS OF THE ENGINEER INCLUDING COST OF BINDING WIRE,COVER BLOCKS,ELECTRODES ETC.ALL MATERIALS,TOOLS,PLANT AND LABOUR COMPLETE.(STEEL FREE ISSUE BY VSP).:-WITH DEFORMED / RIBBED BARS OF ALL DIAMETERS.	3.000	TO	5,388.67	16,166.01
28	310000047	CASTING,CURING,HOISTING AND FIXING IN POSITION PRECAST R.C.C UNITS OF MIX 1:2:4(1 CEMENT,2 SAND,4 GRADED AGGREGATE 20MM SIZE) INCLUDING ALL MATERIALS,TOOLS,LABOUR,CENTERING AND SHUTTERING ETC.BUT EXCLUDING COST OF REINFORCEMENT.(CEMENT FREE ISSUE BY VSP & REINFORCEMENT WILL BE PAID SEPARATELY.)	15.000	M3	1,954.67	29,320.05
29	310000048	PROVIDING AND MIXING APPROVED QUALITY QUICK SETTING COMPOUND LIKE CICO NO.3 OR EQUIVALENT IN CEMENT CONCRETE WORK IN THE PROPORTION RECOMMENDED BY THE MANUFACTURER INCLUDING ALL MATERIALS,TOOLS AND LABOUR COMPLETE.	10.000	KG	110.99	1,109.90
30	310000049	SPLY.AND MIXING IN CEMENT CONCRETE OR CEMENT MORTAR WORK WATER PROOFING COMPOUND LIKE CICO NO.1 OR EQUIVALENT OF APPROVED QUALITY IN THE PROPORTION RECOMMENDED BY THE MANUFACTURER INCLUDING ALL MATERIALS,TOOLS AND LABOUR COMPLETE.	50.000	KG	20.25	1,012.50
31	310000050	DEMOLISHING,CEMENT CONCRETE,PLAIN /REINFORCED CEMENT CONCRETE OF ALL GRADES INCLUDING DISPOSAL OF UNSERVICEABLE MATERIAL WITHIN 50 M LEAD INCLUDING ALL MATERIALS,TOOLS AND LABOUR COMPLETE.:-PLAIN CEMENT CONCRETE.	2.000	M3	187.86	375.72
32	310000051	DEMOLISHING,CEMENT CONCRETE,PLAIN /REINFORCED CEMENT CONCRETE OF ALL GRADES INCLUDING DISPOSAL OF UNSERVICEABLE MATERIAL WITHIN 50 M LEAD INCLUDING ALL MATERIALS,TOOLS AND LABOUR COMPLETE.:-R C C.	2.000	M3	282.38	564.76
33	310000052	SPLY.AND GROUTING WITH NON-SHRINK GROUTING COMPOUND LIKE CONBEXTRA GP-2 OR ANY OTHER	350.000	KG	23.06	8,071.00



RAHSTRIYA ISPAT NIGAM LIMITED
VISAKHAPATNAM STEEL PLANT
VISAKHAPATNAM - 530031

BILL OF QUANTITIES

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		APPROVED GROUTING COMPOUND FOR BOLTS GROUTING AS PER MANUFACTURERS' INSTRUCTIONS AND MAKING GOOD OF THE SURFACES INCLUDING ALL MATERIALS,TOOLS,CURING AND LABOUR COMPLETE.				
34	310000055	EXECUTION OF MISCELLANEOUS WORKS SUCH AS CLEANING / SWEEPING THE ROADS,REPAIR OF DAMAGED TURFING,REMOVAL OF SLAG,LIME OR BRICKS / STONE,PIG IRON AND ANY SORTS OF MATERIALS LYING OVER THE ROAD,CHIPPING WORK IN OPERATIONAL AREA,WHERE TIMING OF SHUT DOWN OR FRONT IS UNCERTAIN AND PEOPLE HAVE TO BE KEPT,CHASES IN THE WALLS,R.C SLABS AND FLOORS,MAKING GOOD THE CHASES OF WALLS AND FLOORS,SLABS,MAKING POCKETS FOR FIXING OR REMOVAL OF BOLTS,REMOVAL OF PRECAST COVERS AND ANY OTHER JOBS WHICH CANNOT BE MEASURED / QUANTIFIED ETC INCLUDING PROVIDING THE NECESSARY TOOLS,APPLIANCES ETC.TO DO THE WORK,ALL AS PER DIRECTIONS AND INSTRUCTIONS OF ENGINEER.-FOR WORKS BY ENGAGING CARPENTER,FITTER,WELDER,PAINTER,PLUMBER,MASON ETC.(SKILLED CATEGORY).	115.000	MDY	697.55	80,218.25
35	310000056	EXECUTION OF MISCELLANEOUS WORKS SUCH AS CLEANING / SWEEPING THE ROADS,REPAIR OF DAMAGED TURFING,REMOVAL OF SLAG,LIME OR BRICKS / STONE,PIG IRON AND ANY SORTS OF MATERIALS LYING OVER THE ROAD,CHIPPING WORK IN OPERATIONAL AREA,WHERE TIMING OF SHUT DOWN OR FRONT IS UNCERTAIN AND PEOPLE HAVE TO BE KEPT,CHASES IN THE WALLS,R.C SLABS AND FLOORS,MAKING GOOD THE CHASES OF WALLS AND FLOORS,SLABS,MAKING POCKETS FOR FIXING OR REMOVAL OF BOLTS,REMOVAL OF PRECAST COVERS AND ANY OTHER JOBS WHICH CANNOT BE MEASURED / QUANTIFIED ETC INCLUDING PROVIDING THE NECESSARY TOOLS,APPLIANCES ETC.TO DO THE WORK,ALL AS PER DIRECTIONS AND INSTRUCTIONS OF ENGINEER.-FOR WORKS BY ENGAGING CHIPPER,HELPER (SEMI-SKILLED CATEGORY).	295.000	MDY	597.55	176,277.25
36	310000057	EXECUTION OF MISCELLANEOUS WORKS SUCH AS CLEANING / SWEEPING THE ROADS,REPAIR OF DAMAGED TURFING,REMOVAL OF SLAG,LIME OR BRICKS / STONE,PIG IRON AND ANY SORTS OF MATERIALS LYING OVER THE ROAD,CHIPPING WORK IN OPERATIONAL AREA,WHERE TIMING OF SHUT DOWN OR FRONT IS UNCERTAIN AND PEOPLE HAVE TO BE KEPT,CHASES IN THE WALLS,R.C SLABS AND FLOORS,MAKING GOOD THE CHASES OF WALLS AND FLOORS,SLABS,MAKING POCKETS FOR FIXING OR REMOVAL OF BOLTS,REMOVAL OF PRECAST COVERS AND ANY OTHER JOBS WHICH CANNOT BE MEASURED / QUANTIFIED ETC INCLUDING PROVIDING THE	650.000	MDY	530.30	344,695.00



RAHSTRIYA ISPAT NIGAM LIMITED
VISAKHAPATNAM STEEL PLANT
VISAKHAPATNAM - 530031

BILL OF QUANTITIES

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		NECESSARY TOOLS,APPLIANCES ETC.TO DO THE WORK,ALL AS PER DIRECTIONS AND INSTRUCTIONS OF ENGINEER.-FOR WORKS ENGAGING MAZDOOR,CHOWKIDAR,BHISTY,GANG MAZDOOR,SWEEPER,MUKHADDAM (USKILLED CATEGORY).				
37	310000060	TAKING DELIVERY FROM DEPARTMENTAL STORES,LOADING,TRANSPORTING,UNLOADING AT SITE AND CUTTING MS RAILS / OTHER STRUCTURAL TO REQUIRED SIZES,WELDING,PLACING AND FIXING IN POSITION ALL MATERIALS,TOOLS,LABOUR ETC.COMPLETE.(MS RAILS AND OTHER STRUCTURAL WILL BE ISSUED BY VSP AT FREE OF COST) INCLUDING ONE COAT OF PRIMER.	0.500	TO	5,622.22	2,811.11
38	310000061	FABRICATING AND ERECTING IN POSITION AS PER DRAWING SPECIFICATIONS AND INSTRUCTIONS OF ENGINEER,MS INSERTS,ANCHOR BOLTS,HOLDING DOWN BOLTS WITH NUTS AND WASHERS,CURB ANGLES,CHANNELS,PIPES,PIPE SLEEVES,PLATES,FLANGES,RUNGS,RAILS,STEEL DUCK BOXES FOR VENTILATOR ETC.FOR EMBEDDING IN PERMANENT CONCRETE WORK AND MS PLATE COVERS FOR OPENINGS AT ALL HEIGHTS AND DEPTHS ABOVE AND BELOW GROUND LEVEL OF BUILDINGS AND EQUIPMENT FOUNDATIONS ETC.INCLUDING ALL CONNECTED WASHERS AND ADJUSTMENT IN SHUTTERING AND REINFORCEMENT,CLEANING OF GREASE / PAINT ETC,THERE FROM AND WELDING WHERE NECESSARY FOR FIXING AND REMOVAL OF PARTS PROTRUDING FROM THE CONCRETE WHEREVER NECESSARY AND GROUTING WITH NEAT CEMENT SAND SLURRY (1:2) RATIO AND FINISHED SMOOTH ALL MATERIALS,AND LABOUR COMPLETE.(STEEL AND CEMENT FREE ISSUE BY VSP).	1.500	TO	8,412.00	12,618.00
39	310000084	SPLY.AND FIXING IN POSITION MS GRILL OF REQUIRED PATTERN IN THE EXISTING OPENING WITH MS FLATS,SQUARE BARS WITH NECESSARY SCREWS ETC,COMPLETE INCLUDING COST OF ALL MATERIALS,SCAFFOLDING TOOLS AND LABOUR COMPLETE,ALL AS PER THE DIRECTIONS OF THE ENGINEER-IN-CHARGE.	50.000	KG	47.69	2,384.50
40	310000090	SPLY.AND PROVIDING BRICK WORK WITH BRICKS OF CLASS 50 AS SPECIFIED WITH ONE OR MORE BRICKS IN C M (1:6) CEMENT,SAND MORTAR INCLUDING FAIR CUTTING,WASTE BONDING,PLUMBING,LINING,LEVELING,FLUSHING AND RACKING OF JOINTS,SCAFFOLDING AND CURING AS DIRECTED,ALL MATERIALS,TOOLS AND LABOUR COMPLETE.(CEMENT FREE ISSUE BY VSP).-AT ALL DEPTHS BELOW PLINTH LEVEL(PLINTH LEVEL MEANS 1.2 METRE ABOVE GROUND LEVEL FOR WALLS ETC.WHEREVER PLINTH LEVEL IS NOT DEFINED).	3.000	M3	1,241.48	3,724.44



RAHSTRIYA ISPAT NIGAM LIMITED
VISAKHAPATNAM STEEL PLANT
VISAKHAPATNAM - 530031

BILL OF QUANTITIES

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41	310000091	SPLY.AND PROVIDING BRICK WORK WITH BRICKS OF CLASS 50 AS SPECIFIED WITH ONE OR MORE BRICKS IN C M (1:6) CEMENT,SAND MORTAR INCLUDING FAIR CUTTING,WASTE BONDING,PLUMBING,LINING,LEVELING,FLUSHING AND RACKING OF JOINTS,SCAFFOLDING AND CURING AS DIRECTED,ALL MATERIALS,TOOLS AND LABOUR COMPLETE.(CEMENT FREE ISSUE BY VSP).:-AT ALL HEIGHTS ABOVE PLINTH LEVEL(PLINTH LEVEL MEANS 1.2 METRE ABOVE GROUND LEVEL FOR WALLS ETC.WHEREVER PLINTH LEVEL IS NOT DEFINED).	2.000	M3	1,368.81	2,737.62
42	310000092	SPLY.AND PROVIDING HALF BRICK MASONRY WITH BRICKS OF CLASS 50 AT ALL HEIGHTS AND DEPTHS ABOVE AND BELOW PLINTH LEVEL IN CEMENT MORTAR (1:4) INCLUDING CURING ALL MATERIALS,SCAFFOLDING,TOOLS AND LABOUR ETC.COMPLETE.(CEMENT WILL BE ISSUED AT FREE OF COST BY VSP).	30.000	M2	173.73	5,211.90
43	310000094	PROVIDING RANDOM RUBBLE (UNCOARSED) MASONRY AS SPECIFIED IN CEMENT MORTAR (1:6)INCLUDING FAIR CUTTING,WASTE BONDING,PLUMBING,LINING,LEVELING,SCAFFOLDING AND CURING ALL MATERIALS,TOOLS AND LABOUR ETC.COMPLETE.(CEMENT FREE ISSUE BY VSP).:-AT ALL DEPTHS BELOW PLINTH LEVEL(PLINTH LEVEL MEANS 1.2 METRE ABOVE GROUND LEVEL FOR WALLS ETC.WHEREVER PLINTH LEVEL IS NOT DEFINED).	150.000	M3	1,060.92	159,138.00
44	310000095	PROVIDING RANDOM RUBBLE (UNCOARSED) MASONRY AS SPECIFIED IN CEMENT MORTAR (1:6)INCLUDING FAIR CUTTING,WASTE BONDING,PLUMBING,LINING,LEVELING,SCAFFOLDING AND CURING ALL MATERIALS,TOOLS AND LABOUR ETC.COMPLETE.(CEMENT FREE ISSUE BY VSP).:-AT ALL HEIGHTS ABOVE PLINTH LEVEL(PLINTH LEVEL MEANS 1.2 METRE ABOVE GROUND LEVEL FOR WALLS ETC.WHEREVER PLINTH LEVEL IS NOT DEFINED)	5.000	M3	1,239.82	6,199.10
45	310000098	DEMOLISHING BRICK WORK AND DISPOSAL OF MATERIAL WITHIN 50 M LEAD INCLUDING ALL MATERIALS,TOOLS AND LABOUR COMPLETE.	10.000	M3	164.23	1,642.30
46	310000099	DEMOLISHING STONE RUBBLE MASONRY IN CEMENT MORTAR AND DISPOSAL OF MATERIAL WITHIN 50 M LEAD.	10.000	M3	188.27	1,882.70
47	310000100	SPLY.AND PROVIDING BRICK WORK WITH FALG BRICKS OF CLASS 50 AS SPECIFIED WITH ONE OR MORE BRICKS IN C M (1:6) CEMENT,SAND MORTAR INCLUDING FAIR CUTTING,WASTE BONDING,PLUMBING,LINING,LEVELING,FLUSHING AND RACKING OF JOINTS,SCAFFOLDING AND CURING AS DIRECTED,ALL MATERIALS,TOOLS AND LABOUR COMPLETE.(CEMENT FREE ISSUE BY VSP).:-AT ALL DEPTHS BELOW PLINTH LEVEL.NOTE:PLINTH LEVEL MEANS 1.2 METRE ABOVE GROUND LEVEL FOR WALLS	35.000	M3	1,310.82	45,878.70



RAHSTRIYA ISPAT NIGAM LIMITED
VISAKHAPATNAM STEEL PLANT
VISAKHAPATNAM - 530031

BILL OF QUANTITIES

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		ETC.WHEREVER PLINTH LEVEL IS NOT DEFINED.				
48	310000101	SPLY.AND PROVIDING BRICK WORK WITH FALG BRICKS OF CLASS 50 AS SPECIFIED WITH ONE OR MORE BRICKS IN C M (1:6) CEMENT,SAND MORTAR INCLUDING FAIR CUTTING,WASTE BONDING,PLUMBING,LINING,LEVELING,FLUSHING AND RACKING OF JOINTS,SCAFFOLDING AND CURING AS DIRECTED,ALL MATERIALS,TOOLS AND LABOUR COMPLETE.(CEMENT FREE ISSUE BY VSP).:-AT ALL HEIGHTS ABOVE PLINTH LEVEL.NOTE:PLINTH LEVEL MEANS 1.2 METRE ABOVE GROUND LEVEL FOR WALLS ETC.WHEREVER PLINTH LEVEL IS NOT DEFINED.	15.000	M3	1,520.75	22,811.25
49	310000106	SPLY.FITTING AND FIXING APPROVED MAKE ANODIZED ALUMINUM BUTT HINGES OF THE FOLLOWING SIZES OF APPROVED MAKE,INCLUDING SCREWS,(CPMS KNUCKLE FOLD OF APPROVED SIZE OR EQUIVALENT) ALL MATERIALS TOOLS AND LABOUR COMPLETE.:-125 MM X 63 MM X 4 MM THICK	10.000	EA	62.38	623.80
50	310000107	SPLY.FITTING AND FIXING APPROVED MAKE ANODIZED ALUMINUM BUTT HINGES OF THE FOLLOWING SIZES OF APPROVED MAKE,INCLUDING SCREWS,(CPMS KNUCKLE FOLD OF APPROVED SIZE OR EQUIVALENT) ALL MATERIALS TOOLS AND LABOUR COMPLETE.:-100 MM X 63 MM X 4 MM THICK	15.000	EA	53.12	796.80
51	310000108	SPLY.FITTING AND FIXING APPROVED MAKE ANODIZED ALUMINUM BUTT HINGES OF THE FOLLOWING SIZES OF APPROVED MAKE,INCLUDING SCREWS,(CPMS KNUCKLE FOLD OF APPROVED SIZE OR EQUIVALENT) ALL MATERIALS TOOLS AND LABOUR COMPLETE.:-75 MM X 45 MM X 3.2 MM THICK	5.000	EA	19.38	96.90
52	310000109	SUPPLYING,FITTING AND FIXING APPROVED MAKE ANODIZED ALUMINUM TOWER BOLTS AND DROP BOLTS WITH 10 MM SHOOT TO DOOR SHUTTERS AND FRAME WITH SCREWS (CPMS KNUCKLE FOLD OF APPROVED SIZE OR EQUIVALENT) ALL MATERIALS,TOOLS AND LABOUR COMPLETE.:-150 MM LONG	10.000	EA	38.87	388.70
53	310000110	SUPPLYING,FITTING AND FIXING APPROVED MAKE ANODIZED ALUMINUM TOWER BOLTS AND DROP BOLTS WITH 10 MM SHOOT TO DOOR SHUTTERS AND FRAME WITH SCREWS (CPMS KNUCKLE FOLD OF APPROVED SIZE OR EQUIVALENT) ALL MATERIALS,TOOLS AND LABOUR COMPLETE.:-300 MM LONG	2.000	EA	60.00	120.00
54	310000111	SUPPLYING,FITTING AND FIXING ANODIZED ALUMINUM DOOR HANDLES OF APPROVED MAKE OF LENGTH 125 MM WITH ANODIZED ALUMINUM FACEPLATE AND SCREWS (CPMS KNUCKLE FOLD OF APPROVED SIZE OR EQUIVALENT) TO DOORS ALL MATERIAL TOOLS AND LABOUR COMPLETE.	10.000	EA	59.78	597.80
55	310000112	SUPPLYING AND FIXING AUTOMATIC HYDRAULIC	8.000	EA	882.23	7,057.84



RAHSTRIYA ISPAT NIGAM LIMITED
VISAKHAPATNAM STEEL PLANT
VISAKHAPATNAM - 530031

BILL OF QUANTITIES

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		DOOR CLOSER OF APPROVED MAKE INCLUDING COST OF ALL MATERIALS,TOOLS AND LABOUR COMPLETE.				
56	310000114	PROVIDING WOOD WORK IN FRAMES OF DOORS,WINDOWS AND OTHER FRAMES WROUGHT FRAMED AND FIXING IN POSITION INCLUDING ALL MATERIALS,TOOLS AND LABOUR COMPLETE.-APPROVED QUALITY COUNTRY WOOD.	0.300	M3	36,357.66	10,907.30
57	310000118	PROVIDING AND FIXING 35 MM THICK paneled SHUTTERS FOR DOORS,WINDOWS INCLUDING 12MM THICK SINGLE LAYER PARTICLE BOARD PANELING ALL MATERIALS,TOOLS AND LABOUR COMPLETE BUT,EXCLUDING THE COST OF BUTT HINGES.-APPROVED QUALITY COUNTRY WOOD STYLES AND RAILS.	20.000	M2	1,310.86	26,217.20
58	310000119	PROVIDING AND FIXING ALUMINUM SLIDING DOOR BOLTS ANODIZED TRANSPARENT OR DYED TO REQUIRED COLOR OR SHADE WITH NUTS AND SCREWS ETC,INCLUDING ALL MATERIALS,TOOLS AND LABOUR COMPLETE.-300 X 16 MM ALUMINUM TYPE.	5.000	EA	158.71	793.55
59	310000120	PROVIDING AND FIXING SLIDING DOOR BOLTS WITH NUTS AND SCREWS ETC.INCLUDING ALL MATERIALS,TOOLS AND LABOUR COMPLETE.-300 X 16 MM MS TYPE.	5.000	EA	54.20	271.00
60	310000121	TAKING OUT DOORS,WINDOWS AND CLERESTORY WINDOW SHUTTERS (STEEL OR WOOD) INCLUDING REFIXING THE SAME WITH NEW HINGES INCLUDING ALL MATERIALS,TOOLS AND LABOUR COMPLETE.(HINGES TO BE SUPPLIED BY AGENCY).	1.000	EA	222.94	222.94
61	310000122	DISMANTLING DOORS,WINDOWS AND CLERESTORY WINDOWS (STEEL OR WOOD) SHUTTER INCLUDING CHOWKHATS,ARCHITRAVE,HOLD FASTS ETC,COMPLETE AND STACKING WITHIN 50 M LEAD.	1.000	EA	57.88	57.88
62	310000123	SUPPLYING AND FIXING HANGING TYPE ANODIZED ALUMINUM DOOR STOPPER WITH NECESSARY SCREWS INCLUDING ALL MATERIALS,TOOLS AND LABOUR COMPLETE.	10.000	EA	25.36	253.60
63	310000124	MAKING OPENING IN THE MASONRY WALL FOR FIXING AIR CONDITIONING MACHINE AND FINISHING THE OPENING WITH CEMENT PLASTER AND FIXING APPROVED QUALITY COUNTRY WOODEN FRAME TO THE OPENING INCLUDING PACKING OF GAPS ALROUND AFTER FIXING THE MACHINE,ALL MATERIALS,TOOLS AND LABOUR COMPLETE.	5.000	EA	329.98	1,649.90
64	310000126	PROVIDING AND FIXING 12 MM THICK 150 MM WIDE PELMET OF FLAT PRESSED 3 LAYER PARTICLE BOARD WITH MEDIUM DENSITY WITH 12 MM DIA ALUMINUM CURTAIN ROD AND BRACKETS INCLUDING FIXING WITH 25 MM X 3 MM THICK MS FLAT 10 CM LONG AND PLUGS INCLUDING ALL MATERIALS,TOOLS AND LABOUR COMPLETE.-COMMERCIAL WOOD VENEERING EACH FACE.	5.000	RM	193.97	969.85



RAHSTRIYA ISPAT NIGAM LIMITED
VISAKHAPATNAM STEEL PLANT
VISAKHAPATNAM - 530031

BILL OF QUANTITIES

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65	310000127	PROVIDING AND FIXING 400 MM LONG 40 MM X 5 MM MS HOLD FASTS TO THE WOODEN DOOR OR WINDOW FRAMES INCLUDING SCREWS,ALL MATERIALS,TOOLS AND LABOUR COMPLETE.	24.000	EA	37.23	893.52
66	310000128	PROVIDING AND FIXING FLY PROOF / GALVANISED M S WIRE GAUZE TO WINDOWS AND DOORS WITH WIRE GAUZE OF I S GAUZE DESIGNATION 85G WITH WIRE OF DIA 0.56 MM INCLUDING ALL MATERIALS,TOOLS AND LABOUR COMPLETE.	2.000	M2	324.78	649.56
67	310000130	PROVIDING AND FIXING 12 MM THICK INSULATION BOARD CEILING OF APPROVED QUALITY WITH NECESSARY SCREWS INCLUDING ALL MATERIALS,TOOLS AND LABOUR COMPLETE.: -ANCHOR TILES (HALF PERFORATED).	50.000	M2	609.23	30,461.50
68	310000131	PROVIDING AND FIXING BRIGHT FINISHED CP BRASS 100 MM MORTICE LATCH AND LOCK WITH 4 LEVERS AND A PAIR OF ANODIZED ALUMINUM HANDLES WITH NECESSARY SCREWS,ETC.COMPLETE INCLUDING COST OF ALL MATERIALS,TOOLS AND LABOUR COMPLETE.	2.000	EA	725.66	1,451.32
69	310000132	PROVIDING AND FIXING BRIGHT FINISHED C P BRASS 100 MM MORTICE LATCH AND LOCK WITH TWO LEVERS AND A PAIR OF ANODIZED ALUMINUM HANDLES WITH NECESSARY SCREWS ETC.COMPLETE,INCLUDING COST OF ALL MATERIALS,TOOLS AND LABOUR COMPLETE.	2.000	EA	656.32	1,312.64
70	310000134	PROVIDING AND FIXING ALUMINUM FRAME WORK FOR FALSE CEILING CONSISTING OF 38 X 38 X 1.5MM MAIN AND CROSS T-RUNNERS AND 23.5 X 23.5 X 1.5MM SECONDARY T-RUNNERS INCLUDING ALUMINUM ANGLE CLEATS WITH NECESSARY SCREWS,M.S.PERIMETER ANGLES FIXED TO WALL WITH RAWL PLUGS @ 500MM CENTER TO CENTER AND FIXING THE FRAME WORK TO LEVEL ADJUSTMENT HANGERS INCLUDING COST OF ALL MATERIALS,TOOLS AND LABOUR COMPLETE ALL AS PER THE DIRECTION OF ENGINEER-IN-CHARGE (LEVEL ADJUSTMENT HANGERS,M.S.PERIMETER ANGLES,FIXING ARRANGEMENT OF LEVEL ADJUSTMENT HANGERS BY MEANS OF EXPANSION HOLDFASTNERS WILL BE PAID SEPARATELY)	50.000	M2	352.35	17,617.50
71	310000135	PROVIDING AND FIXING ADJUSTMENT HANGERS OF MS FLAT (UP TO 1800 MM LONG) FIXED TO ROOF SLAB OR BEAMS BY MEANS OF EXPANSION HOLD FASTENERS 16 MM DIA,100 MM LONG INCLUDING ALL MATERIALS,TOOLS,SCAFFOLDING,DRILLING AND LABOUR COMPLETE ALL AS PER THE DIRECTIONS OF ENGINEER-IN-CHARGE (ADJUSTING HANGERS OF MS FLAT WILL BE PAID SEPARATELY)	50.000	EA	186.82	9,341.00
72	310000142	SPLY.AND PROVIDING 4MM THICK PLYWOOD SHEET OF SIZE 6' X 4' INCLUDING FIXING TO EXISTING ELECTRICAL PANELS WITH MS HOOKS,ALL LABOUR,MATERIAL,TOOLS & TACKLES,ETC.COMPLETE	2.000	M2	176.75	353.50



RAHSTRIYA ISPAT NIGAM LIMITED
VISAKHAPATNAM STEEL PLANT
VISAKHAPATNAM - 530031

BILL OF QUANTITIES

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		AS DIRECTED BY ENGINEER INCHARGE.				
73	310000150	SPLY.AND PROVIDING 40 MM THICK GRANOLITHIC CEMENT CONCRETE FLOORING 1:2:4 (1CEMENT,2 SAND,4 GRADED AGGREGATE 10 MM NOMINAL SIZE) FINISHED WITH A FLOATING COAT OF NEAT CEMENT AT ALL HEIGHTS AND DEPTHS INCLUDING ALL MATERIALS,TOOLS AND LABOUR COMPLETE.(CEMENT FREE ISSUE BY VSP).	50.000	M2	91.42	4,571.00
74	310000151	EXTRA FOR SUPPLYING,MIXING AND LAYING SURFACE HARDENING COMPOUND SUCH AS IRONITE,HARDENITE,STEELONITE ETC.OF APPROVED MAKE AND QUALITY AS PER THE DRAWINGS / MANUFACTURER'S SPECIFICATIONS AND DIRECTIONS OF THE ENGINEER FOR HEAVY DUTY FLOORS,INCLUDING ALL MATERIALS,TOOLS AND LABOUR COMPLETE.	5.000	KG	9.59	47.95
75	310000152	SPLY.AND LAYING GLAZED TILES OF ANY COLOUR OF MINIMUM THICKNESS 5.5 MM IN FLOORING /SKIRTING LAID ON A BED OF 10 MM THICK CEMENT MORTAR 1:3 (1 CEMENT,3 COARSE SAND) FINISHED WITH FLUSH POINTED IN WHITE CEMENT AT ALL HEIGHTS AND DESCENTS INCLUDING ALL MATERIALS,TOOLS AND LABOUR COMPLETE.(CEMENT FREE ISSUE BY VSP).	20.000	M2	629.20	12,584.00
76	310000153	SPLY.AND PROVIDING NEAT CEMENT PUNNING OVER PLASTERED SURFACE AT ALL HEIGHTS AND DEPTHS ABOVE AND BELOW PLINTH LEVELS INCLUDING ALL MATERIALS,TOOLS AND LABOUR COMPLETE.(CEMENT FREE ISSUE BY VSP).	300.000	M2	7.11	2,133.00
77	310000154	REPAIRS TO THE PLASTER IN PATCHES OF AREA 2.5 SQM AND UNDER INCLUDING CUTTING THE PATCH IN PROPER SHAPE,PREPARING AND PLASTERING THE SURFACE OF WALLS WITH 20 MM THICK PLASTER IN CEMENT MORTAR 1:4 (1CEMENT,4 FINE SAND) INCLUDING DISPOSAL OF THE RUBBISH TO THE DUMPING GROUND WITHIN50 M LEAD,INCLUDING ALL MATERIALS,TOOLS AND LABOUR COMPLETE.(CEMENT FREE ISSUE BY VSP).	25.000	M2	42.15	1,053.75
78	310000155	REMOVING WHITE OR COLOUR WASH BY SCRAPPING,SAND-PAPERING AND PREPARING THE SURFACE SMOOTH INCLUDING NECESSARY REPAIRS TO SCRATCHES ETC.AT ALL HEIGHTS AND DESCENTS INCLUDING SCAFFOLDING ALL MATERIALS,TOOLS AND LABOUR COMPLETE.	100.000	M2	1.83	183.00
79	310000156	PROVIDING WHITE WASH AS SPECIFIED TO PLASTERED SURFACES OR OLD SURFACES AT ALL HEIGHTS AND DEPTHS ABOVE AND BELOW PLINTH LEVEL INCLUDING SCAFFOLDING,ALL MATERIALS,TOOLS AND LABOUR COMPLETE.(LIME FREE ISSUE BY VSP).:-ONE COAT	5,000.000	M2	1.85	9,250.00
80	310000157	PROVIDING WHITE WASH AS SPECIFIED TO PLASTERED SURFACES OR OLD SURFACES AT ALL HEIGHTS AND DEPTHS ABOVE AND BELOW PLINTH LEVEL INCLUDING	2,500.000	M2	1.03	2,575.00



RAHSTRIYA ISPAT NIGAM LIMITED
VISAKHAPATNAM STEEL PLANT
VISAKHAPATNAM - 530031

BILL OF QUANTITIES

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		SCAFFOLDING,ALL MATERIALS,TOOLS AND LABOUR COMPLETE.(LIME FREE ISSUE BY VSP).:-FOR EVERY ADDITIONAL COAT				
81	310000158	PROVIDING COLOUR WASH AS SPECIFIED TO PLASTERED SURFACES OR OLD SURFACES AT ALL HEIGHTS AND DEPTHS ABOVE AND BELOW PLINTH LEVEL INCLUDING SCAFFOLDING ALL MATERIALS,TOOLS AND LABOUR COMPLETE.:-ONE COAT	500.000	M2	2.07	1,035.00
82	310000159	PROVIDING COLOUR WASH AS SPECIFIED TO PLASTERED SURFACES OR OLD SURFACES AT ALL HEIGHTS AND DEPTHS ABOVE AND BELOW PLINTH LEVEL INCLUDING SCAFFOLDING ALL MATERIALS,TOOLS AND LABOUR COMPLETE.:-FOR EVERY ADDITIONAL COAT	300.000	M2	1.34	402.00
83	310000160	REMOVING OIL BOUND DISTEMPER BY SCRAPPING SAND-PAPERING AND PREPARING THE SURFACE SMOOTH INCLUDING NECESSARY REPAIRS TO SCRATCHES INCLUDING SCAFFOLDING,ALL MATERIALS,TOOLS AND LABOUR COMPLETE.	100.000	M2	2.49	249.00
84	310000161	DISTEMPERING WITH OIL BOUND WASHABLE DISTEMPER AT ALL HEIGHTS AND DEPTHS ABOVE AND BELOW PLINTH LEVEL INCLUDING SCAFFOLDING,ALL MATERIALS,TOOLS AND LABOUR COMPLETE.:-ONE COAT.	3,000.000	M2	12.73	38,190.00
85	310000162	DISTEMPERING WITH OIL BOUND WASHABLE DISTEMPER AT ALL HEIGHTS AND DEPTHS ABOVE AND BELOW PLINTH LEVEL INCLUDING SCAFFOLDING,ALL MATERIALS,TOOLS AND LABOUR COMPLETE.:-FOR EACH ADDITIONAL COAT.	1,500.000	M2	7.95	11,925.00
86	310000163	FINISHING WALLS WITH WATER PROOFING CEMENT PAINT OF SNOWCEM PLUS OR ANY OTHER APPROVED MAKE OR MANUFACTURE AND OF REQUIRED SHADE AT ALL HEIGHTS AND DESCENTS INCLUDING SCAFFOLDING,ALL MATERIALS,TOOLS AND LABOUR COMPLETE.:-ONE COAT	18,000.000	M2	15.68	282,240.00
87	310000164	FINISHING WALLS WITH WATER PROOFING CEMENT PAINT OF SNOWCEM PLUS OR ANY OTHER APPROVED MAKE OR MANUFACTURE AND OF REQUIRED SHADE AT ALL HEIGHTS AND DESCENTS INCLUDING SCAFFOLDING,ALL MATERIALS,TOOLS AND LABOUR COMPLETE.:-FOR EACH ADDITIONAL COAT	9,000.000	M2	8.59	77,310.00
88	310000167	SPLY AND APPLYING ONE COAT OF PRIMING COAT ON WOOD OR STEEL WORK WITH READY MIXED PRIMER OF APPROVED BRAND AND MANUFACTURE AT ALL HEIGHTS AND DESCENTS INCLUDING SCAFFOLDING ALL MATERIALS,TOOLS AND LABOUR COMPLETE.	1,000.000	M2	13.24	13,240.00
89	310000168	PAINTING WITH SYNTHETIC ENAMEL OF I S:2932 LATEST ADDITION OF APPROVED BRAND AND MANUFACTURE ON WOOD OR STEEL WORK IN ALL SHADES TO GIVE AN EVEN SHADE AT ALL HEIGHTS	2,600.000	M2	20.49	53,274.00



RAHSTRIYA ISPAT NIGAM LIMITED
VISAKHAPATNAM STEEL PLANT
VISAKHAPATNAM - 530031

BILL OF QUANTITIES

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		AND DESCENTS INCLUDING ALL MATERIALS,TOOLS,SCAFFOLDING AND LABOUR COMPLETE.-ONE COAT				
90	310000169	PAINTING WITH SYNTHETIC ENAMEL OF I S:2932 LATEST ADDITION OF APPROVED BRAND AND MANUFACTURE ON WOOD OR STEEL WORK IN ALL SHADES TO GIVE AN EVEN SHADE AT ALL HEIGHTS AND DESCENTS INCLUDING ALL MATERIALS,TOOLS,SCAFFOLDING AND LABOUR COMPLETE.-FOR EVERY ADDITIONAL COAT.	1,500.000	M2	13.65	20,475.00
91	310000173	LETTERING WITH SYNTHETIC ENAMEL PAINT OF APPROVED COLOUR AND BRAND AND MANUFACTURE INCLUDING SUPPLY OF PAINT,PER EACH LETTER PER CENTIMETER HEIGHT ON ALL SURFACES AT ALL HEIGHTS AND DEPTHS ABOVE AND BELOW GROUND LEVEL INCLUDING ALL SCAFFOLDING,TOOLS,PLANT,LABOUR,BRUSHES,ETC.CO Mplete.	35,000.000	LPC	0.98	34,300.00
92	310000174	SUPPLYING AND LAYING 40 MM THICK MARBLE CHIPS FLOORING RUBBED AND POLISHED TO GRANOLITHIC FINISH,UNDER LAYER 34 MM THICK CEMENT CONCRETE 1:2:4 (1 CEMENT,2 COARSE SAND,4 GRADED STONE AGGREGATE 12.5MM NOMINAL SIZE) AND TOP LAYER 6 MM THICK WITH WHITE,BLACK,CHOCOLATE GRAY,YELLOW OR BARODA GREEN MARBLE CHIPS OF SIZES FROM 1MM TO 4 MM NOMINAL SIZE LAID IN CEMENT MARBLE POWDER MIX 3:1 (3 CEMENT,1 MARBLE POWDER) BY WEIGHT IN PROPORTION OF 4:7 (4 CEMENT MARBLE POWDER MIX,7 MARBLE CHIPS) BY VOLUME INCLUDING CEMENT SLURRY INCLUDING ALL MATERIALS,TOOLS AND LABOUR COMPLETE IN LIGHT SHADE PIGMENT WITH ORDINARY CEMENT (CEMENT FREE ISSUE BY VSP).	5.000	M2	189.17	945.85
93	310000175	GRINDING THE MOSAIC FLOORING OR TERRAZZO SKIRTING AND DADOS MECHANICALLY OR MANUALLY WITH 320 TO 400 GRIT SIZE CORBORUNDUM STONE AND RUBBING HARD WITH FELT AND SLIGHTLY MOISTENED OXALIC ACID POWDER AND FINALLY POLISHING WITH APPROVED FLOOR POLISH INCLUDING COST OF ALL MATERIALS,TOOLS AND LABOUR COMPLETE.	10.000	M2	24.95	249.50
94	310000178	LAYING AND FIXING POLYVINYLCHLORIDE TILE OF APPROVED MAKE FLOORING ON A SMOOTH AND DAMP PROOF BASE USING RUBBER BASED ADHESIVES INCLUDING ROLLING WITH LIGHTWOODEN ROLLER WEIGHING ABOUT 5 KG.ALL COMPLETE AS DIRECTED BY THE ENGINEER INCLUDING ALL MATERIALS,TOOLS AND LABOUR COMPLETE.-PVC TILES OF 1.5 MM THICK SUPPLIED BY CONTRACTOR.	25.000	M2	703.62	17,590.50
95	310000180	SUPPLYING AND PROVIDING 15 MM THICK CEMENT PLASTER OF MIX 1:5 (1 CEMENT,5 FINE SAND) AT ALL HEIGHTS AND DEPTHS INCLUDING ALL MATERIALS,TOOLS AND LABOUR COMPLETE.(CEMENT	400.000	M2	54.87	21,948.00



RAHSTRIYA ISPAT NIGAM LIMITED
VISAKHAPATNAM STEEL PLANT
VISAKHAPATNAM - 530031

BILL OF QUANTITIES

Sl.No	Service Number	Description of the item	Qty	UOM	Rate	Amount
		FREE ISSUE BY VSP).				
96	310000181	SUPPLYING AND PROVIDING 12 MM THICK CEMENT PLASTER OF MIX 1:5 (1 CEMENT,5 FINE SAND) AT ALL HEIGHTS AND DEPTHS INCLUDING ALL MATERIALS,TOOLS,AND LABOUR COMPLETE.(CEMENT FREE ISSUE BY VSP).	300.000	M2	45.09	13,527.00
97	310000182	SPLY.AND PROVIDING 6 MM THICK CEMENT PLASTER OF MIX 1:4 (1 CEMENT,4 FINE SAND) OVER FRESHLY LAID ROOF TREATMENT CONCRETE,SLABS CEILINGS,COLUMN FACES,R.C C SURFACES,LINTEL BOTTOMS,ETC.AT ALL HEIGHTS AND DEPTHS,INCLUDING ALL MATERIALS,TOOLS AND LABOUR COMPLETE.(CEMENT FREE ISSUE BY VSP)	25.000	M2	40.50	1,012.50
98	310000183	SPLY.AND PROVIDING 25 MM THICK CEMENT PLASTER OF MIX 1:3 (1 CEMENT,3 FINE SAND) AT ALL HEIGHTS AND DEPTHS,INCLUDING ALL MATERIALS,TOOLS AND LABOUR COMPLETE.(CEMENT FREE ISSUE BY VSP) (IN TWO OPERATIONS)	5.000	M2	69.88	349.40
99	310000185	LAYING ALKALI / ACID RESISTANT BRICKS AND TILES OF APPROVED QUALITY IN FLOORINGS,SKIRTINGS ETC OVER A BED OF POTTASIMUM SILICATE BASED MORTAR AND POINTING WITH EPOXY BASED MORTAR INCLUDING SURFACE PREPARATION ALL AS DIRECTED BY ENGINEER-IN-CHARGE INCLUDING ALL MATERIALS,TRANSPORTATION,TOOLS,LABOUR ETC,COMPLETE.(ACID RESISTANT BRICKS/TILES,POTASIMUM SILICATE BASED PUTTY/ MORTAR,EPOXY BASED MORTAR WILL BE SUPPLIED BY VSP FREE OF COST AT VSP STORES):-20MM THICK ALKALI/ACID RESISTANT TILE INFLOORING	5.000	M2	484.06	2,420.30
100	310000192	RENEWING GLAZING WITH 5.5 MM THICK TRIPLEX GLASS TO CABINS,DOORS,WINDOWS,CONTROL ROOMS EQUIPMENT ETC.WITH GLASS OF APPROVED QUALITY AT ALL HEIGHTS AND DEPTHS ABOVE AND BELOW PLINTH LEVEL INCLUDING SUPPLYING CUTTING THE GLASS (TO SUIT THE EQUIPMENT OPENING) TO THE REQUIRED SHAPE INCLUDING NECESSARY RUBBER BEADING OR PUTTY AS DIRECTED BY THE ENGINEER INCLUDING ALL MATERIALS,TOOLS AND LABOUR COMPLETE.(PAYMENT WILL BE MADE FOR NEAREST SQUARE/RECTANGULAR SHAPE).:TRIPLEX GLASS 5.5 MM THICK	2.000	M2	1,933.64	3,867.28
101	310000193	RENEWING GLASS PANES,WITH PUTTY AND NAILS WHEREVER NECESSARY AT ALL HEIGHTS AND DEPTHS ABOVE AND BELOW PLINTH LEVEL INCLUDING SUPPLYING AND FIXING OF SHEET GLASS WITH PUTTY/WOODEN FILLETS OF APPROVED QUALITY AS DIRECTED BY THE ENGINEER INCLUDING ALL MATERIALS,TOOLS AND LABOUR COMPLETE.:-GLASS PANES WEIGHING APPROX.10 KG./SQM (4 MM THICK).	95.000	M2	644.22	61,200.90
102	310000194	RENEWING GLASS PANES,WITH PUTTY AND NAILS	2.000	M2	763.47	1,526.94



RAHSTRIYA ISPAT NIGAM LIMITED
VISAKHAPATNAM STEEL PLANT
VISAKHAPATNAM - 530031

BILL OF QUANTITIES

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		WHEREVER NECESSARY AT ALL HEIGHTS AND DEPTHS ABOVE AND BELOW PLINTH LEVEL INCLUDING SUPPLYING AND FIXING OF SHEET GLASS WITH PUTTY/WOODEN FILLETS OF APPROVED QUALITY AS DIRECTED BY THE ENGINEER INCLUDING ALL MATERIALS,TOOLS AND LABOUR COMPLETE:-GLASS PANES WEIGHING APPROX.13.75 KG./SQM (5.5 MM THICK).				
103	310000195	RENEWAL OF OLD PUTTY FOR GLASS PANES WITH NECESSARY CLIPS OR PINS INCLUDING ALL MATERIALS,TOOLS AND LABOUR COMPLETE.	20.000	RM	6.68	133.60
104	310000196	SPLY.AND FIXING SUN CONTROL FILM OF APPROVED QUALITY OVER THE GLAZING PROVIDED FOR WINDOWS,DOORS,ETC.AS SPECIFIED INCLUDING COST OF ALL MATERIALS,TOOLS,LABOUR ADHESIVE,ETC.ALL AS PER THE DIRECTIONS OF ENGINEER.	5.000	M2	601.41	3,007.05
105	310000197	SPLY.AND FIXING 30 MM TO 40 MM SIZE RUBBER BEADING TO THE CRANE CABIN GLASSES INCLUDING REMOVAL OF EXISTING GLASS AND REFIXING THE SAME ALL AS PER THE DIRECTIONS OF ENGINEER INCLUDING COST OF ALL MATERIALS,TOOLS AND LABOUR COMPLETE.	5.000	RM	115.53	577.65
106	310000207	SPLY.AND PAINTING TWO COATS OF HOT BITUMEN USING 1.5 KGS./ SQM OF BITUMEN OF GRADE 20/30 OR EQUIVALENT GRADE IN EACH COAT ON ALL RCC WORKS BELOW GROUND LEVEL OVER A COAT OF BITUMEN PRIMER,ALL MATERIALS,TOOLS AND LABOUR COMPLETE AS DIRECTED BY THE ENGINEER-IN-CHARGE.	10.000	M2	87.67	876.70
107	310000208	SPLY.AND PAINTING ONE COAT OF APPROVED HOT BITUMEN USING 1.5 KGS PER SQM OF GRADE 20/30 OR EQUIVALENT GRADE FOR WATER PROOFING ON ALL CONCRETE/PLASTERED SURFACES AFTER CLEANING THE SURFACE WITH BRUSHES AND FINALLY WITH A PIECE OF CLOTH LIGHTLY SOAKED IN KEROSENE,ALL AS PER DRAWINGS,SPECIFICATIONS AND DIRECTIONS OF THE ENGINEER,ALL MATERIALS,TOOLS AND LABOUR COMPLETE.	20.000	M2	60.09	1,201.80
108	310000213	PROVIDING AND FIXING WHITE VITREOUS CHINA WATER CLOSET SQUATTING PAN (INDIAN TYPE).ORISSA PATTERN WC PAN OF SIZE 580 MM X 440MM INCLUDING COST OF ALL MATERIALS,TOOLS,PLANT AND LABOUR COMPLETE.	8.000	EA	1,262.40	10,099.20
109	310000214	PROVIDING AND FIXING WHITE VITREOUS CHINA PEDESTAL TYPE (EUROPEAN TYPE/WASH DOWN TYPE) WATER CLOSET INCLUDING COST OF ALL MATERIALS,TOOLS,PLANT AND LABOUR COMPLETE.	2.000	EA	993.39	1,986.78
110	310000215	PROVIDING AND FIXING 10 LITRES LOW LEVEL WHITE VITREOUS CHINA FLUSHING CISTERN OF APPROVED MAKE WITH FITTINGS SUCH AS LEAD VALVELESS	1.000	EA	2,136.91	2,136.91



RAHSTRIYA ISPAT NIGAM LIMITED
VISAKHAPATNAM STEEL PLANT
VISAKHAPATNAM - 530031

BILL OF QUANTITIES

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		SYPHON ETC.AND CP BRASS HANDLE COMPLETE,INCLUDING COST OF ALL MATERIALS,TOOLS,PLANT AND LABOUR COMPLETE.				
111	310000216	PROVIDING AND FIXING 10 LITRES HIGH LEVEL CI FLUSHING CISTERN APPROVED MAKE WITH INTEGRAL FITTINGS SUCH AS BALL VALVE,BALL LEVER,CI CHAIN AND PULL COMPLETE,INCLUDING COST OF ALL MATERIALS,TOOLS,PLANT AND LABOUR COMPLETE.	1.000	EA	1,168.40	1,168.40
112	310000220	PROVIDING AND FIXING PLASTIC SEAT WITH LID FOR PEDESTAL TYPE WC PAN WITH CP BRASS HINGES,RUBBER BUFFERS ETC.INCLUDING COST OF ALL MATERIALS,TOOLS,PLANT AND LABOUR COMPLETE.	2.000	EA	386.28	772.56
113	310000221	PROVIDING AND FIXING WHITE VITREOUS CHINA FLAT BACK OR WALL CORNER TYPE LIPPED FRONT URINAL BASIN OF 430 X 260 X 350 MM OR 340X 410 X 265 MM SIZE INCLUDING COST OF ALL MATERIALS,TOOLS,PLANT AND LABOUR COMPLETE.	10.000	EA	402.26	4,022.60
114	310000223	PROVIDING AND FIXING 600 X 450 MM BEVELED EDGE MIRROR OF SUPERIOR GLASS (OF APPROVED QUALITY) WITH 6 MM THICK ASBESTOS SHEET BACK GROUND FIXED TO WOODEN CLEATS WITH CP BRASS SCREWS AND WASHERS INCLUDING COST OF ALL MATERIALS,TOOLS AND LABOUR COMPLETE.	3.000	EA	417.04	1,251.12
115	310000224	PROVIDING AND FIXING 600 X 120 MM GLASS SHELF WITH CP BRASS BRACKETS AND GUARDRAIL FIXED TO WOODEN CLEATS WITH CP BRASS SCREWS INCLUDING COST OF ALL MATERIALS TOOLS AND LABOUR COMPLETE.	5.000	EA	193.94	969.70
116	310000225	PROVIDING AND FIXING CP BRASS TOWEL RAIL OF SIZE 600 MM X 20 MM WITH CP BRASS BRACKETS FIXED TO WOODEN CLEATS WITH CP BRASS SCREWS,INCLUDING COST OF ALL MATERIALS,TOOLS AND LABOUR COMPLETE.	5.000	EA	156.47	782.35
117	310000226	PROVIDING AND FIXING GI FLUSH PIPE OF 32 MM DIA INCLUDING CUTTING AND MAKING GOOD THE WALLS AND FLOORS ETC.INCLUDING COST OF ALL MATERIALS,TOOLS,PLANT AND LABOUR COMPLETE.	5.000	EA	296.31	1,481.55
118	310000227	PROVIDING AND FIXING MS STAYS AND CLAMPS FOR CAST IRON PIPES INCLUDING COST OF ALL MATERIALS,TOOLS,PLANT AND LABOUR COMPLETE.:100 MM DIA	2.000	EA	26.30	52.60
119	310000228	PROVIDING AND FIXING MS STAYS AND CLAMPS FOR CAST IRON PIPES INCLUDING COST OF ALL MATERIALS,TOOLS,PLANT AND LABOUR COMPLETE.:75 MM DIA	2.000	EA	24.22	48.44
120	310000229	PROVIDING AND FIXING MS STAYS AND CLAMPS FOR CAST IRON PIPES INCLUDING COST OF ALL MATERIALS,TOOLS,PLANT AND LABOUR COMPLETE.:50 MM DIA	2.000	EA	21.81	43.62
121	310000230	PROVIDING AND FIXING BALL VALVE(BRASS) OF	15.000	EA	233.19	3,497.85



RAHSTRIYA ISPAT NIGAM LIMITED
VISAKHAPATNAM STEEL PLANT
VISAKHAPATNAM - 530031

BILL OF QUANTITIES

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		APPROVED QUALITY COMPLETE FOR HIGH OR LOW-PRESSURE WITH PLASTIC FLOATS,INCLUDING COST OF ALL MATERIALS,TOOLS,PLANT AND LABOUR COMPLETE.:25 MM NOMINAL BORE				
122	310000231	PROVIDING AND FIXING BALL VALVE(BRASS) OF APPROVED QUALITY COMPLETE FOR HIGH OR LOW-PRESSURE WITH PLASTIC FLOATS,INCLUDING COST OF ALL MATERIALS,TOOLS,PLANT AND LABOUR COMPLETE.:20 MM NOMINAL BORE	10.000	EA	208.53	2,085.30
123	310000232	PROVIDING AND FIXING CAST IRON TRAP OF SELF CLEANING DESIGN WITH CAST IRON SCREWED DOWN OR HINGED GRATING WITH OR WITHOUT VENT ARM COMPLETE INCLUDING COST OF CUTTING AND MAKING GOOD THE WALLS AND FLOORS,100 MM INLET AND 75 MM OUTLET INCLUDING COST OF ALL MATERIALS,TOOLS,PLANT AND LABOUR COMPLETE.	5.000	EA	255.21	1,276.05
124	310000246	PROVIDING AND FIXING 15 MM DIA CP BRASS BIB COCK OF APPROVED QUALITY WITH ISI MARKS INCLUDING ALL MATERIALS,TOOLS,PLANT AND LABOUR COMPLETE.	25.000	EA	139.97	3,499.25
125	310000247	PROVIDING AND FIXING CP BRASS STOP COCK OF APPROVED QUALITY WITH ISI MARK INCLUDING COST OF ALL MATERIALS,TOOLS PLANT AND LABOUR COMPLETE.:15 MM	40.000	EA	489.81	19,592.40
126	310000248	PROVIDING AND FIXING CP BRASS STOP COCK OF APPROVED QUALITY WITH ISI MARK INCLUDING COST OF ALL MATERIALS,TOOLS PLANT AND LABOUR COMPLETE.:20 MM	15.000	EA	569.17	8,537.55
127	310000249	PROVIDING AND FIXING CP BRASS STOP COCK OF APPROVED QUALITY WITH ISI MARK INCLUDING COST OF ALL MATERIALS,TOOLS PLANT AND LABOUR COMPLETE.:25 MM	1.000	EA	730.68	730.68
128	310000250	PROVIDING AND FIXING FITTINGSFOR HIGH LEVEL CI CISTERN SUCH AS HANDLE,GI CHAIN & PULL,FLOAT VALVE COUPLINGS,ETC.(EXCLUDING COST OF CISTERN CASE) AND INCLUDING COST OF ALL MATERIALS,TOOLS,PLANT AND LABOUR COMPLETE.	5.000	SET	927.94	4,639.70
129	310000251	PROVIDING AND FIXING FITTINGSFOR LOW-LEVEL VITREOUS CISTERN SUCH AS HANDLE,FLOAT VALVE,PVC CONNECTION ETC.COMPLETE EXCLUDING COST OF CISTERN CASE AND INCLUDING COST OF ALL MATERIALS,TOOLS,PLANT AND LABOUR COMPLETE.	10.000	SET	794.80	7,948.00
130	310000252	PROVIDING AND FIXING 15 MM DIA CP BRASS PILLAR COCK OF APPROVED QUALITY WITH ISI MARK INCLUDING ALL MATERIALS,TOOLS,PLANT AND LABOUR COMPLETE.	20.000	EA	555.11	11,102.20
131	310000253	PROVIDING AND FIXING GI CHAIN WITH GI PULL OF APPROVED QUALITY INCLUDING COST OF ALL MATERIALS,TOOLS AND LABOUR COMPLETE.	5.000	EA	22.57	112.85
132	310000254	PROVIDING AND FIXING 32 MM DIA CP BRASS WASTE FOR SINK OR WASH BASIN OF APPROVED QUALITY	5.000	EA	83.81	419.05



RAHSTRIYA ISPAT NIGAM LIMITED
VISAKHAPATNAM STEEL PLANT
VISAKHAPATNAM - 530031

BILL OF QUANTITIES

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		INCLUDING COST OF ALL MATERIALS,TOOLS,PLANT AND LABOUR COMPLETE.				
133	310000255	PROVIDING AND FIXING 100 MM SAND CAST IRON GRATING,FOR GULLY,FLOOR OR NAHANI TRAP OF APPROVED QUALITY INCLUDING ALL MATERIALS,TOOLS AND LABOUR COMPLETE.	5.000	EA	11.73	58.65
134	310000256	PROVIDING AND FIXING PVC CONNECTION 15 MM X 450 MM WITH BOTH SIDES BRASS CHECK NUTS AND WASHERS OF APPROVED QUALITY INCLUDING ALL MATERIALS,TOOLS,AND LABOUR COMPLETE	25.000	EA	49.20	1,230.00
135	310000257	PROVIDING AND FIXING 32 MM PVC WASTE PIPE FOR WASH BASIN OR SINK OF APPROVED QUALITY INCLUDING ALL MATERIALS,TOOLS AND LABOUR COMPLETE.	25.000	EA	69.66	1,741.50
136	310000258	PROVIDING AND FIXING 32 MM OR 40 MM PVC WASTE PIPE FOR URINAL OF APPROVED QUALITY INCLUDING ALL MATERIALS,TOOLS AND LABOUR COMPLETE.	25.000	EA	68.42	1,710.50
137	310000259	PROVIDING AND FIXING CI BRACKETS OF APPROVED QUALITY FOR WASH BASINS INCLUDING ALL MATERIALS,TOOLS AND LABOUR COMPLETE EXCLUDING THE COST OF WASH BASIN.	5.000	PAA	85.73	428.65
138	310000260	PROVIDING AND FIXING BRASS FULL WAY VALVE WITH CI WHEEL OF APPROVED QUALITY (SCREWED ENDS) INCLUDING ALL MATERIALS,TOOLS AND LABOUR COMPLETE.:20 MM NOMINAL BORE	10.000	EA	229.53	2,295.30
139	310000261	PROVIDING AND FIXING BRASS FULL WAY VALVE WITH CI WHEEL OF APPROVED QUALITY (SCREWED ENDS) INCLUDING ALL MATERIALS,TOOLS AND LABOUR COMPLETE.:25 MM NOMINAL BORE	10.000	EA	192.54	1,925.40
140	310000262	PROVIDING AND FIXING BRASS FULL WAY VALVE WITH CI WHEEL OF APPROVED QUALITY (SCREWED ENDS) INCLUDING ALL MATERIALS,TOOLS AND LABOUR COMPLETE.:32 MM NOMINAL BORE	5.000	EA	260.25	1,301.25
141	310000263	PROVIDING AND FIXING BRASS FULL WAY VALVE WITH CI WHEEL OF APPROVED QUALITY (SCREWED ENDS) INCLUDING ALL MATERIALS,TOOLS AND LABOUR COMPLETE.:40 MM NOMINAL BORE	1.000	EA	313.22	313.22
142	310000264	PROVIDING AND FIXING BRASS FULL WAY VALVE WITH CI WHEEL OF APPROVED QUALITY (SCREWED ENDS) INCLUDING ALL MATERIALS,TOOLS AND LABOUR COMPLETE.:50 MM NOMINAL BORE	1.000	EA	491.08	491.08
143	310000265	MAKING CONNECTIONS OF GI DISTRIBUTION BRANCH WITH GI MAIN 25 MM TO 40 MM NOMINAL BORE BY PROVIDING AND FIXING TEE INCLUDING CUTTING AND THREADING THE PIPE ETC.ALL MATERIALS,TOOLS AND LABOUR COMPLETE.	2.000	EA	105.82	211.64
144	310000266	MAKING CONNECTION OF GI DISTRIBUTION BRANCH WITH GI MAIN 50 MM TO 80 MM NOMINAL BORE BY PROVIDING AND FIXING TEE,INCLUDING CUTTING AND THREADING THE PIPE ETC.ALL MATERIALS,TOOLS AND LABOUR COMPLETE.	1.000	EA	227.54	227.54



RAHSTRIYA ISPAT NIGAM LIMITED
VISAKHAPATNAM STEEL PLANT
VISAKHAPATNAM - 530031

BILL OF QUANTITIES

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145	310000267	SUPPLYING AND REPAIRING OF HIGH/LOW LEVEL CISTERN FLUSHOUT PIPE WITH M-SEAL TO MAKE IT LEAK PROOF,ALL MATERIALS,TOOLS AND LABOUR COMPLETE.	2.000	EA	22.44	44.88
146	310000268	SPLY.AND FIXING SINTEX OR EQUIVALENT WATER TANK OF CAPACITY 1,500 LITRES AT ALL HEIGHTS WITH NECESSARY INLET,OUTLET AND OVER FLOW PROVISION INCLUDING REMOVAL OF OLD CONNECTIONS AND MAKING NEW CONNECTION AFTER ERECTION AT SITE AS DIRECTED ALL MATERIALS,TOOLS AND LABOUR COMPLETE.	2.000	EA	19,505.51	39,011.02
147	310000269	SPLY.AND PAINTING ONE COAT WITH BLACK ANTI-CORROSIVE BITUMASTIC PAINT OF APPROVED BRAND AND MANUFACTURE TO GIVE AN EVEN SHADE INSIDE THE GI OVERHEAD WATER TANKS INCLUDING ALL MATERIALS,TOOLS AND LABOUR COMPLETE.	5.000	M2	15.30	76.50
148	310000270	EMPTYING,CLEANING,BROOMING AND DISINFECTING THE OVERHEAD TANK AT ALL HEIGHTS AS PER THE DIRECTIONS OF THE ENGINEER INCLUDING ALL MATERIALS,TOOLS AND LABOUR COMPLETE.	52.000	EA	60.78	3,160.56
149	310000271	SPLY.AND LAYING GLAZED STONEWARE PIPES CLASS-A AND JOINTING WITH STIFF MIXTURE OF CEMENT MORTAR IN THE PROPORTION OF 1:1 INCLUDING ALL MATERIALS,TOOLS AND LABOUR COMPLETE.(CEMENT WILL BE ISSUED FREE OF COST BY VSP).:100 MM DIA PIPE	5.000	RM	64.64	323.20
150	310000272	SPLY.AND LAYING GLAZED STONEWARE PIPES CLASS-A AND JOINTING WITH STIFF MIXTURE OF CEMENT MORTAR IN THE PROPORTION OF 1:1 INCLUDING ALL MATERIALS,TOOLS AND LABOUR COMPLETE.(CEMENT WILL BE ISSUED FREE OF COST BY VSP).:150 MM DIA PIPE	5.000	RM	134.62	673.10
151	310000273	PROVIDING AND FIXING 15 MM DIA CI BIB COCK OF APPROVED QUALITY INCLUDING ALL MATERIALS,TOOLS AND LABOUR COMPLETE.	5.000	EA	97.16	485.80
152	310000274	PROVIDING AND FIXING 15 MM DIA PVC BIB COCK OF APPROVED QUALITY INCLUDING ALL MATERIALS,TOOLS AND LABOUR COMPLETE.	5.000	EA	32.83	164.15
153	310000275	PROVIDING AND FIXING 15 MM DIA CI LIFT COCK OF APPROVED QUALITY INCLUDING ALL MATERIALS,TOOLS AND LABOUR COMPLETE.	3.000	EA	64.84	194.52
154	310000276	SPLY.AND PAINTING CI CISTERN WITH ONE COAT BITUMASTIC OR ANY OTHER ANTICORROSIVE PAINT INSIDE AND WHITE ENAMEL PAINT ONE COAT OVER A COAT OF ZINC CHROMATE PRIMER OF APPROVED QUALITY ON THE OUTSIDE SURFACE OF THE CISTERN,FLUSH PIPE,OTHER FITTINGS,ETC.INCLUDING ALL MATERIALS,PAINTS,TOOLS,AND LABOUR COMPLETE.	2.000	EA	168.90	337.80
155	310000277	SUPPLYING AND FIXING SQUARE MOUTH SW GULLY TRAP GRADE A OF SIZE 150 MM X 100 MM('P' OR 'S' TYPE	1.000	EA	49.62	49.62



RAHSTRIYA ISPAT NIGAM LIMITED
VISAKHAPATNAM STEEL PLANT
VISAKHAPATNAM - 530031

BILL OF QUANTITIES

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		WITH CI GRATING INCLUDING ALL MATERIALS,TOOLS AND LABOUR COMPLETE.				
156	310000278	PROVIDING AND FIXING FITTINGS FOR CI AUTOMATIC FLUSHING CISTERN (EXCLUDING CI CISTERN CASE) INCLUDING COST OF ALL MATERIALS,TOOLS AND LABOUR COMPLETE.	2.000	SET	575.02	1,150.04
157	310000279	PROVIDING AND FIXING GI PIPE SPECIALS SUCH AS BENDS / TEES / SOCKETS / REDUCER / DUMMY ETC.INCLUDING COST OF ALL MATERIALS,TOOLS AND LABOUR COMPLETE.:15 MM DIA	90.000	EA	20.24	1,821.60
158	310000280	PROVIDING AND FIXING GI PIPE SPECIALS SUCH AS BENDS / TEES / SOCKETS / REDUCER / DUMMY ETC.INCLUDING COST OF ALL MATERIALS,TOOLS AND LABOUR COMPLETE.:20 MM DIA	90.000	EA	28.19	2,537.10
159	310000281	PROVIDING AND FIXING GI PIPE SPECIALS SUCH AS BENDS / TEES / SOCKETS / REDUCER / DUMMY ETC.INCLUDING COST OF ALL MATERIALS,TOOLS AND LABOUR COMPLETE.:25 MM DIA	70.000	EA	37.54	2,627.80
160	310000282	PROVIDING AND FIXING GI PIPE SPECIALS SUCH AS BENDS / TEES / SOCKETS / REDUCER / DUMMY ETC.INCLUDING COST OF ALL MATERIALS,TOOLS AND LABOUR COMPLETE.:32 MM DIA	50.000	EA	51.51	2,575.50
161	310000283	PROVIDING AND FIXING GI PIPE SPECIALS SUCH AS BENDS / TEES / SOCKETS / REDUCER / DUMMY ETC.INCLUDING COST OF ALL MATERIALS,TOOLS AND LABOUR COMPLETE.:40 MM DIA	10.000	EA	67.09	670.90
162	310000284	PROVIDING AND FIXING GI PIPE SPECIALS SUCH AS BENDS / TEES / SOCKETS / REDUCER / DUMMY ETC.INCLUDING COST OF ALL MATERIALS,TOOLS AND LABOUR COMPLETE.:50 MM DIA	10.000	EA	102.18	1,021.80
163	310000285	PROVIDING AND FIXING GI UNION IN EXISTING GI PIPELINE INCLUDING CUTTING AND THREADING THE PIPE,COST OF ALL MATERIALS,TOOLS AND LABOUR COMPLETE.:15 MM DIA	15.000	EA	78.54	1,178.10
164	310000286	PROVIDING AND FIXING GI UNION IN EXISTING GI PIPELINE INCLUDING CUTTING AND THREADING THE PIPE,COST OF ALL MATERIALS,TOOLS AND LABOUR COMPLETE.:20 MM DIA	10.000	EA	97.17	971.70
165	310000287	PROVIDING AND FIXING GI UNION IN EXISTING GI PIPELINE INCLUDING CUTTING AND THREADING THE PIPE,COST OF ALL MATERIALS,TOOLS AND LABOUR COMPLETE.:25 MM DIA	5.000	EA	119.43	597.15
166	310000288	PROVIDING AND FIXING GI UNION IN EXISTING GI PIPELINE INCLUDING CUTTING AND THREADING THE PIPE,COST OF ALL MATERIALS,TOOLS AND LABOUR COMPLETE.:32 MM DIA	5.000	EA	154.74	773.70
167	310000289	PROVIDING AND FIXING GI UNION IN EXISTING GI PIPELINE INCLUDING CUTTING AND THREADING THE PIPE,COST OF ALL MATERIALS,TOOLS AND LABOUR COMPLETE.:40 MM DIA	2.000	EA	181.02	362.04



RAHSTRIYA ISPAT NIGAM LIMITED
VISAKHAPATNAM STEEL PLANT
VISAKHAPATNAM - 530031

BILL OF QUANTITIES

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168	310000290	PROVIDING AND FIXING GI UNION IN EXISTING GI PIPELINE INCLUDING CUTTING AND THREADING THE PIPE,COST OF ALL MATERIALS,TOOLS AND LABOUR COMPLETE.:50 MM DIA	2.000	EA	269.33	538.66
169	310000291	PROVIDING AND FIXING SAND CAST IRON SOIL WASTE AND VENT PIPES,ETC,AS PER ISI INCLUDING LEAD CAULKING JOINTS ETC.AND INCLUDING COST OF ALL MATERIALS,TOOLS,PLANT AND LABOUR COMPLETE.:100 MM	2.000	RM	422.43	844.86
170	310000292	PROVIDING AND FIXING SAND CAST IRON SOIL WASTE AND VENT PIPES,ETC,AS PER ISI INCLUDING LEAD CAULKING JOINTS ETC.AND INCLUDING COST OF ALL MATERIALS,TOOLS,PLANT AND LABOUR COMPLETE.:75 MM	2.000	RM	355.43	710.86
171	310000293	PROVIDING AND FIXING SAND CAST IRON SOIL WASTE AND VENT PIPES,ETC,AS PER ISI INCLUDING LEAD CAULKING JOINTS ETC.AND INCLUDING COST OF ALL MATERIALS,TOOLS,PLANT AND LABOUR COMPLETE.:50 MM	2.000	RM	285.77	571.54
172	310000294	PROVIDING AND FIXING CAST IRON BENDS FOR ALL SOIL WASTE AND VENT PIPES,ETC.AS PER ISI,INCLUDING COST OF ALL MATERIALS,TOOLS,PLANT AND LABOUR COMPLETE.:100 MM	1.000	EA	160.39	160.39
173	310000295	PROVIDING AND FIXING CAST IRON BENDS FOR ALL SOIL WASTE AND VENT PIPES,ETC.AS PER ISI,INCLUDING COST OF ALL MATERIALS,TOOLS,PLANT AND LABOUR COMPLETE.:75 MM	1.000	EA	138.44	138.44
174	310000296	PROVIDING AND FIXING CAST IRON BENDS FOR ALL SOIL WASTE AND VENT PIPES,ETC.AS PER ISI,INCLUDING COST OF ALL MATERIALS,TOOLS,PLANT AND LABOUR COMPLETE.:50 MM	1.000	EA	94.49	94.49
175	310000297	PROVIDING AND FIXING BEND OF REQUIRED DEGREE WITH ACCESS DOOR INSERTION RUBBER WASHER 3 MM THICK,BOLTS AND NUTS FOR CI PIPES,INCLUDING COST OF ALL MATERIALS,TOOLS,PLANT AND LABOUR COMPLETE.:100 MM	1.000	EA	197.70	197.70
176	310000298	PROVIDING AND FIXING BEND OF REQUIRED DEGREE WITH ACCESS DOOR INSERTION RUBBER WASHER 3 MM THICK,BOLTS AND NUTS FOR CI PIPES,INCLUDING COST OF ALL MATERIALS,TOOLS,PLANT AND LABOUR COMPLETE.:75 MM	2.000	EA	165.66	331.32
177	310000299	PROVIDING AND FIXING BEND OF REQUIRED DEGREE WITH ACCESS DOOR INSERTION RUBBER WASHER 3 MM THICK,BOLTS AND NUTS FOR CI PIPES,INCLUDING COST OF ALL MATERIALS,TOOLS,PLANT AND LABOUR COMPLETE.:50 MM	2.000	EA	129.78	259.56
178	310000300	PROVIDING AND FIXING COLLAR FOR CI PIPES INCLUDING COST OF ALL MATERIALS,TOOLS,PLANT AND LABOUR COMPLETE.:100 MM	2.000	EA	107.20	214.40
179	310000301	PROVIDING AND FIXING COLLAR FOR CI PIPES INCLUDING COST OF ALL MATERIALS,TOOLS,PLANT	2.000	EA	96.17	192.34



RAHSTRIYA ISPAT NIGAM LIMITED
VISAKHAPATNAM STEEL PLANT
VISAKHAPATNAM - 530031

BILL OF QUANTITIES

Sl.No	Service Number	Description of the item	Qty	UOM	Rate	Amount
		AND LABOUR COMPLETE.:75 MM				
180	310000302	PROVIDING AND FIXING COLLAR FOR CI PIPES INCLUDING COST OF ALL MATERIALS,TOOLS,PLANT AND LABOUR COMPLETE.:50 MM	1.000	EA	79.67	79.67
181	310000305	PROVIDING AND FIXING WHITE VITREOUS CHINA WASH BASIN INCLUDING MAKING ALL CONNECTIONS BUT EXCLUDING THE COST OF FITTINGS,INCLUDING THE COST OF ALL MATERIALS,TOOLS,PLANT AND LABOUR COMPLETE.:FLAT BACK WASH BASIN OF SIZE 550 X 400 MM	11.000	EA	1,010.25	11,112.75
182	310000306	PROVIDING LEAD CAULKED JOINTS TO SAND CAST-IRON/CENTRIFUGALLY CAST (SPUN) IRON PIPES AND FITTINGS AS PER THE DIRECTION OF THE ENGINEER INCLUDING ALL MATERIALS,TOOLS AND LABOUR COMPLETE:75 MM DIA (0.88 KGS PER JOINT)	5.000	EA	104.06	520.30
183	310000307	PROVIDING LEAD CAULKED JOINTS TO SAND CAST-IRON/CENTRIFUGALLY CAST (SPUN) IRON PIPES AND FITTINGS AS PER THE DIRECTION OF THE ENGINEER INCLUDING ALL MATERIALS,TOOLS AND LABOUR COMPLETE:100 MM DIA (0.98 KGS PER JOINT)	2.000	EA	116.76	233.52
184	310000308	PROVIDING AND FIXING OF 15MM DIA CP BRASS PUSH COCKS TO THE EXISTING GI PIPE LINE INCLUDING CUTTING AND THREADING THE PIPE ETC,(EXISTING ONE METER LENGTH OF THE EXISTING GI LINE IS TO BE DISMANTLED AND REFIX THE SAME IN POSITION AFTER PLACING THE PUSH COCK)	3.000	EA	322.88	968.64
185	310000309	PROVIDING AND FIXING 10 LITRES LOW LEVEL PVC FLUSHING CISTERN OF APPROVED MAKE WITH FITTINGS SUCH AS LEAD VALVELESS SYPHON ETC.AND CP BRASS HANDLE COMPLETE,INCLUDING COST OF ALL MATERIALS,TOOLS,PLANT AND LABOUR COMPLETE.	5.000	EA	1,261.86	6,309.30
186	310000310	SUPPLYING AND FIXING POLISHED CUDDAPAH SLABS OF THICKNESS 25MM OVER BRICK PILLARS ABOVE GROUND LEVEL INCLUDING COST ALL MATERIALS,TOOLS,PLANTS AND LABOUR COMPLETE.	1.000	M2	379.22	379.22
187	310000311	PROVIDING AND FIXING KITCHEN SINK INCLUDING MAKING ALL CONNECTIONS EXCLUDING COST OF FITTINGS.BLACK COLOUR OF CUDDAPHA SLAB SINK OF SIZE 600MM X 450MM X 500 MM INCLUDING COST OF ALL MATERIALS,TOOLS,PLANT AND LABOUR COMPLETE.	2.000	EA	744.45	1,488.90
188	310000312	CLN.AND REMOVING ROOF DUST AND OTHER ACCUMULATED MATERIALS,INCLUDING HEAPS OVER RCC FLAT ROOFS OF DIFFERENT BUILDING OF THE PLANT AT ALL HEIGHTS INCLUDING LOWERING DOWN TO A SUITABLE PLACE WITHIN A LEAD OF 100 M AT GROUND LEVEL AS PER DIRECTION OF THE ENGINEER.	5,000.000	M2	3.64	18,200.00
189	310000314	DISMANTLING BARBED WIRE OR FLEXIBLE WIRE ROPE IN FENCING INCLUDING MAKING ROLLS AND STACKING WITHIN 50 M LEAD AS DIRECTED BY THE	100.000	RM	0.45	45.00



RAHSTRIYA ISPAT NIGAM LIMITED
VISAKHAPATNAM STEEL PLANT
VISAKHAPATNAM - 530031

BILL OF QUANTITIES

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		ENGINEER INCLUDING ALL MATERIAL AND LABOUR COMPLETE.				
190	310000331	EARTH WORK IN SURFACE EXCAVATION NOT EXCEEDING 20CM.IN DEPTH FOR ROAD SIDES AND BERMS INCLUDING DISPOSAL OF EXCAVATED EARTH UPTO A LEAD OF 50 M.	700.000	M2	5.48	3,836.00
191	310000149	SPLY.AND FIXING OF ANODISED ALUMINUM ANGLES 25X25X1.5MM FOR FALSE CEILING WORK FIXING TO THE WALLS FOR RESTING THE FLASE CEILING INCLUDING THE MATERIALS,TOOLS,TACKLES,LABOUR ETC,COMPLETE.(FIXING CHARGES COVERS IN THE ALUMINIUM FRAMEWORK)	75.000	RM	50.26	3,769.50
192	310000240	PROVIDING AND FIXING MEDIUM QUALITY 15MM GI PIPES WITH GI FITTINGS AND CLAMPS,INCLUDING CUTTING AND MAKING GOOD THE WALLS WHEREVER NECESSARY ETC.INCLUDING COST OF ALL MATERIALS,TOOLS,PLANT AND LABOUR COMPLETE.(GI PIPES FREE ISSUE BY VSP)	150.000	RM	34.71	5,206.50
193	310000241	PROVIDING AND FIXING MEDIUM QUALITY 20MM GI PIPES WITH GI FITTINGS AND CLAMPS,INCLUDING CUTTING AND MAKING GOOD THE WALLS WHEREVER NECESSARY ETC.INCLUDING COST OF ALL MATERIALS,TOOLS,PLANT AND LABOUR COMPLETE.(GI PIPES FREE ISSUE BY VSP)	150.000	RM	38.37	5,755.50
194	310000242	PROVIDING AND FIXING MEDIUM QUALITY 25MM GI PIPES WITH GI FITTINGS AND CLAMPS,INCLUDING CUTTING AND MAKING GOOD THE WALLS WHEREVER NECESSARY ETC.INCLUDING COST OF ALL MATERIALS,TOOLS,PLANT AND LABOUR COMPLETE.(GI PIPES FREE ISSUE BY VSP)	150.000	RM	42.44	6,366.00
195	310000243	PROVIDING AND FIXING MEDIUM QUALITY 32MM GI PIPES WITH GI FITTINGS AND CLAMPS,INCLUDING CUTTING AND MAKING GOOD THE WALLS WHEREVER NECESSARY ETC.INCLUDING COST OF ALL MATERIALS,TOOLS,PLANT AND LABOUR COMPLETE.(GI PIPES FREE ISSUE BY VSP)	60.000	RM	47.46	2,847.60
196	310000244	PROVIDING AND FIXING MEDIUM QUALITY 40MM GI PIPES WITH GI FITTINGS AND CLAMPS,INCLUDING CUTTING AND MAKING GOOD THE WALLS WHEREVER NECESSARY ETC.INCLUDING COST OF ALL MATERIALS,TOOLS,PLANT AND LABOUR COMPLETE.(GI PIPES FREE ISSUE BY VSP)	12.000	RM	59.78	717.36
197	310000245	PROVIDING AND FIXING MEDIUM QUALITY 50MM GI PIPES WITH GI FITTINGS AND CLAMPS,INCLUDING CUTTING AND MAKING GOOD THE WALLS WHEREVER NECESSARY ETC.INCLUDING COST OF ALL MATERIALS,TOOLS,PLANT AND LABOUR COMPLETE.(GI PIPES FREE ISSUE BY VSP)	6.000	RM	73.75	442.50
198	310000318	COLLECTING AND FIXING IN POSITION G.I.BARBED WIRE STRETCHING AND FIXING WITH GI BINDING WIRE IN TIGHT POSITION TO MS ANGLE POST OR CONCRETE	200.000	RM	1.23	246.00



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

BILL OF QUANTITIES

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		FENCING POST INCLUDING ALL MATERIALS,TOOLS AND LABOUR COMPLETE.(THE BARBED WIRE WEIGHT 9.38 KG/ 100 MT.APPROX) AS PER THE DIRECTIONS OF ENGINEER-IN-CHARGE.(BARBED WIRE IS FREE ISSUE BY VSP AT VSP STORES/YARD)				
199	310000336	LAYING,SPREADING,WATERING AND COMPACTING MOORUM OR SMS SLAG OVER ROAD BERMS OR OVER AREAS AS PER THE DIRECTIONS OF ENGINEER INCLUDING ALL MATERIALS,TOOLS AND LABOUR COMPLETE.(MOORUM AND SMS SLAG WILL BE PAID SEPARATELY).	25.000	M3	60.44	1,511.00
200	310000320	SUPPLYING AND STACKING OF MOORUM AT SITE INCLUDING ALL MATERIALS,TOOLS AND LABOUR COMPLETE.	20.000	M3	248.44	4,968.80
201	310000022	REMOVAL OF DEPOSITED EARTH / DEBRIS LIKE SMS & BF SLAG,LIME STONE,COKE,BRICKS,STONES,MUCK,IRON PIECES,ETC.FROM THE DRAIN (DEPOSITED EARTH/DEBRIS MORE THAN 300 MM DEPTH) AND DEPOSITING THE SAME WITHIN A LEAD OF 50 M INCLUDING ALL MATERIALS,TOOLS AND LABOUR COMPLETE.	2,417.000	M3	63.24	152,851.08
Total Value: In words : thirty three lakh twenty two thousand seven hundred eighty four rupees two paise						3,322,784.02

Signature of the Tendere

SPECIAL CONDITIONS OF CONTRACT

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

- b) During the operation of the contract if any new taxes/duties/levies etc are imposed or rates undergo changes, as notified by the Government and become applicable to the subject works, the same shall be reimbursed by VSP on production of documentary evidence in respect of the payment of the same. Similarly benefits accruing to agency on account of withdrawal/reduction in any existing taxes and duties shall be passed on to VSP.
 - c) Supplier of Services / Goods shall comply with the GST provision as prescribed. In case of failure to comply with the GST provision by the Supplier thereby RINL could not obtain GST-ITC or ITC is reversed with interest at a later date the equivalent amount of ITC lost including interest paid, if any, to GST Authorities shall be recovered from the immediate payment due to the supplier of service.
 - d) The prices are exclusive of GST. RINL-VSP will pay GST as applicable on submission of Tax Invoices in accordance with Rule 46 of GST Rule 2017.
The contractor will be paid GST by RINL-VSP along with monthly RA bills. The contractor will, in turn, submit the documentary evidence in support of payment of GST of each month along with subsequent month RA Bills.
The Supplier/Contractor shall upload the details of Invoices issued by him in the monthly return (GSTR-1) of the month in which Tax Invoices are raised to enable RINL to claim Input Tax Credit under GST. Otherwise, Payment of GST will not be made.
11. **ADVANCE:** No advance of any sort will be given by VSP.
 12. **PAYMENT TERMS:** Payment will be made monthly on recommendations of the Engineer basing on the quantities executed, at accepted rates.
 13. **MEASUREMENTS:** The contractor shall take measurements jointly with the Engineer or his representative and keep joint records for the same. Bills shall be prepared and submitted by the contractor basing on agreed measurements.
 14. **INITIAL SECURITY DEPOSIT (ISD):** Initial Security Deposit for the work shall be @ 2% of contract price. Earnest Money Deposited by the successful tenderer shall be adjusted against ISD, and the difference between ISD and EMD shall be deposited in the manner mentioned in the work order/letter of intent.
 15. **RETENTION MONEY:** Retention Money for contracts up to a value of Rs. 100 lakhs, at the rate of 7.5% of the bills for works with defective liability period *not NIL* and at the rate of 5.0% for works with defective liability period *"NIL"* will be deducted from each bill until this amount together with the Initial Security Deposit reach the limit of retention which is 7.5% or 5.0% as the case may be for the value of work. The Retention Money shall be released after the satisfactory completion of defect liability period after liquidating the defects. For contracts of value above Rs.100 Lakhs, the limit of retention money shall be Rs.7.5 lakhs plus 5% of the value exceeding Rs.100 lakhs.
 16. **Security Deposit:** : The Public Sector Enterprises or State/Central Government Undertakings/ MSEs shall be required to submit a "Performance Guarantee Bond" of requisite value in the prescribed proforma in lieu of Security Deposit covering the period of contract + defect liability period + 6 months (Claim period). It may be noted that waiver of Security Deposit is permitted only up to the monetary limit as specified in the proof of enlistment for which the unit is registered for MSEs.
 17. **Recovery of income tax at source** will be made from contractor's bill and deposited with Income Tax Department as per rules. Recovery of sales tax applicable shall be made from the contractor's bills.
 18. **SAFETY:**
 - a) The contractor and his workers must strictly take all safety precautions and shall supply to his workers dependable safety appliances like hand gloves, safety boots, safety belt, safety helmets, duster cloth, dust mask/nostril filter etc. In addition to this, contractor shall also provide additional safety appliances as per requirement and follow safe working practices like using fully insulated electrode holders etc. He shall also ensure that his workmen intelligently use only dependable safety appliances supplied to them.
 - b) The contractor shall take adequate safety precaution to prevent accidents at site. The contractor shall also ensure that his employees observe the statutory safety rules and regulations and also those laid down by the employer from time to time and promptly submit report of accident and state the measures taken by him to prevent their

recurrence and also keep the employer indemnified of all claims arising out of such accidents.

- c) No Workmen shall be engaged on the work without proper safety induction and without using required PPE. Use of safety helmet and shoe is must excepting in painting works where shoe will not be used.
- d) All the safety appliances required for safe working as decided by SED/Contract operating department shall be provided by the contractor to his workmen.
- e) Clearance to start the job will be obtained by the contractor in form 'A&B' before start of work. The forms may be obtained from the dept. concerned.
- f) Works at height cannot be started without clearance from Zonal Safety Officer. The workers engaged for work at height shall possess height pass from SED. The names of workmen working at height or in hazardous areas will be written on the body of form "B".
- g) Contravention of any safety regulation of VSP in vogue from time to time will result into work stoppage, levying penalties and ultimately in contract termination.

The list of safety violations by Contractor category wise are as follows:

I. Category-I of Safety Violations:

Penalty amount: First offence Rs.1000/-, 2nd or subsequent offences Rs.2000/- For Works / Non-works.

Penalty amount: First offence Rs.1000/-, 2nd or subsequent offences Rs.2000/- For Projects

- (1) Not wearing crash helmet while riding Two-Wheeler in plant premises.

II. Category-II of Safety Violations (Minor Violations):

Penalty amount: Rs.3000/- - For Works / Non-works.

Penalty amount: Rs.5000/- - For Projects

A. HEIGHT:

- (1) Height Pass not made / not available;
- (2) Unauthorized entry at height / hazardous locations;
- (3) Fall arrester not provided / used;
- (4) Horizontal life line / guide rope not provided for anchoring full body safety harness.

B. EXCAVATION:

- (1) Proper ladder/steps not provided for descending / ascending;
- (2) Shutting not done (below 2 mts. Level) of excavation;
- (3) Overhanging burden in pit not removed in excavation;
- (4) Excavated materials left near the edge of the pit.

C. ELECTRICAL:

- (1) Power cable clamped with G. I. Wires to post / pillar;
- (2) Power cables tied on reinforce rod / structure without proper insulation;
- (3) Loose connection taken from sockets without proper plug;
- (4) Taking shelter behind electrical panel;
- (5) Power cables / electrical wires lying on ground in hap-hazard manner;
- (6) Source of supply / danger board not displayed on the electrical equipment;
- (7) Electrical Control Post not provided with Barricade / Shelter / Canopy;
- (8) Cables used having many joints;
- (9) Earthing not provided on Electrical Equipments;
- (10) ELCB not installed.

D. MATERIAL HANDLING:

- (1) Use of damaged slings / tools / ropes;**
- (2) Fitness certificate of cranes / hydras / heavy vehicles not available;**
- (3) Crane rope conditions not ok;**
- (4) Rope of crane not clamped properly;**
- (5) Guy ropes not used during shifting of materials.**

E. GAS CUTTING:

- (1) Rolling / lifting of cylinders (without cage);**
- (2) Gas cutting without required PPEs;**
- (3) Gas hose pipe clamping done by wires;**
- (4) Usage of LPG Cylinder beyond date of expiry;**
- (5) Wet bags / covers not put on gas cylinder;**
- (6) Loading / Unloading of cylinder – cushion not given.**
- (7) Condition of hose pipe not good;**
- (8) Working with leaking cylinder;**
- (9) Flash Back Arrestor not provided at Torch / Cylinder ends;**
- (10) Colour coding of gas cutting of hoses not followed.**

F. ARC WELDING:

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

G. PPEs:

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

H. VEHICLE:

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

- (16) Vehicles transporting loads without tying / securing of loads / stock protruding out of the truck body / without red flags / red lights, side guards, damage;
- (17) Drunk & driving;
- (18) Non availability of reverse horn of moving equipment;
- (19) Using hydra for material transportation on roads;
- (20) Marching of hydra without signal man & red flags;
- (21) Using trucks for transportation of persons.

I. PERMITS:

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

J. GENERAL:

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

K. STATUTORY RECORDS:

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

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

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

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

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

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

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

HEIGHT:

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

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

EXCAVATION:

- (1) No barricading of excavated pits

ELECTRICAL:

- (1) Unauthorized working on electrical equipment

VEHICLE:

- (1) Sleeping under truck

ARC WELDING:

- (1) Welding screen not used

GENERAL:

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

- V. Fatal Accidents / Permanent disability**
Penalty amount: 20% of contract value subjected to Min. Rs.1.00 lakh and Max. Rs.5.00 lakhs or banning of business dealing or both. – For Works / Non-Works
Penalty amount: 10% of contract value subjected to Min. Rs.5.00 lakhs and Max. Rs.10.00 lakhs or banning of business dealing or both. – For Projects

Note:

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

AUTHORITY FOR IMPOSING PENALTIES:

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

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

Failure to adhere to above stipulations may result in Termination of contract at risk & cost and will make the party liable for debarring for a period o 2 (Two) years.
35. Agencies are required to submit Bank Guarantee for the value as decided by the Engineer as a Security while taking out Equipment/Components/materials of VSP to their workshop situated outside the VSP premises for carrying out repairs.
36. In case of revision in RINL / VSP approved wage rate, consequent to the revision in the minimum wages (either in Basic Wage or Living Allowances) as notified by the Regional Labour

Commissioner (Central), Hyderabad, Escalation amount to the contract shall be payable as per the following formula:

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

WHERE:

- V= Escalation Payable
L= Labour Content during billing period
W= Gross value of work done on the basis of Contract Rates for the period for which variation is applicable
X= Revised Weighted Average of RINL/VSP approved Rates for the period for which variation is applicable (for Unskilled, Semi-skilled and Skilled categories of Workers) based on the minimum wages as notified by the ALC (Central), Hyderabad, for the period under consideration for that contract as per present man days of different categories for the billing period.
Xo = Existing (on the basis which tender estimate prepared) Weighted average of VSP approved rates (for Unskilled, Semi-skilled and Skilled categories of Workers and which is based on the Minimum Wages notified by Commissioner of Labour, Govt. of Andhra Pradesh, Hyderabad) for that contract as per present man days of different categories for the billing period.

Computation of X and Xo & L :

- X= $(a \cdot \text{USR} + b \cdot \text{SSR} + c \cdot \text{SKR}) / (a+b+c)$
Xo= $(a \cdot \text{USRo} + b \cdot \text{SSRo} + c \cdot \text{SKRo}) / (a+b+c)$
L = $(a \cdot \text{USRo} + b \cdot \text{SSRo} + c \cdot \text{SKRo}) / W$

Where

- a= man days present by USW during the billing period
b= man days present by SSW during the billing period
c= man days present by SKW during the billing period

- USR= Revised VSP approved Rate for USW at the time of billing
SSR= Revised VSP approved Rate for SSW at the time of billing
SKR= Revised VSP approved Rate for SKW at the time of billing

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

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

37. PAYMENT OF MINIMUM WAGES:

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

- 1a) Lapse ————Payment of wages at rates less than those notified under the minimum wages.

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

such high rates. If the explanation offered by the L-1 party is not acceptable to V.S.P., the L-1 party may be recommended for disqualification while retendering the work.

40. The contractor should clearly understand and comply with the Factories Act 1948 and relieve the FEMALE WORKERS from their work site within the restricted working hours prescribed therein under section 66(b).
41. The following deductions per workman deployed category-wise shall be made from the bills/amounts due to the contractor as applicable for the work done and such deducted amounts shall be released as mentioned below:

- 1) Component ——— Notice pay
Recovery amount per labour per every working day —
USK —Rs.26.77ps, SSK —Rs.30.29ps, SK—Rs.35.32ps
- 2) Component ——— Retrenchment compensation
Recovery amount per labour per every working day —
USK —Rs.13.39ps, SSK —Rs.15.15ps, SK—Rs.17.76ps
- 3) Component ——— Leave with wages
Recovery amount per labour per every working day
USK —Rs.16.48ps, SSK —Rs.18.64ps, SK—Rs.21.86ps

To be released when ——— After the contractor makes payment to the work men in the presence of Engineer Incharge and CLC representatives, a certificate to this effect is to be enclosed with pre-final bill (to be paid with pre-final bill).

Sub-total —
USK —Rs.56.64ps, SSK —Rs.64.08ps, SK—Rs.75.14ps

- 4) Component ——— Bonus
Recovery amount per labour per every working day
USK —Rs.26.76ps, SSK —Rs.30.28ps, SK—Rs.35.51ps

To be released when ——— After the contractor makes the payment to the workmen in the presence of Engineer Incharge and CLC representatives, a certificate to this effect is to be enclosed with RA bill / pre-final bill (to be paid with RA bill / pre-final bill as and when paid by the contractor).

GRAND TOTAL
USK —Rs.83.40ps, SSK —Rs.94.36ps, SK—Rs.110.65ps
10% towards profit and over heads of contractor
USK —Rs.08.34ps, SSK —Rs.09.44ps, SK—Rs.11.07ps
Total recovery amount
USK —Rs.91.74ps, SSK —Rs.103.80ps, SK—Rs.121.72ps

Note:

- i) The above recovery rates are **effective from 01/10/2016.** In case of any statutory revision in minimum wages payable to contract workmen as notified by the Regional Labour Commissioner (Central), Hyderabad from time to time, the above recovery amounts for workmen category-wise will be revised by RINL/VSP and will be notified accordingly.
- ii) Payment against the above component is to be made to the workmen based on **effective wages of last drawn pay.**

42. PAYMENT MODE FOR BILL AMOUNTS:

42.1 Following are the options available to the Contractors for availing e-payments.

42.1.1 **EFT System:** Under this system Banks offer their customers money Transfer service from account of any bank branch to any other Bank Branch. The EFT system presently covers all the

branches of about 77 banks located at 15 centers indicated below, where clearing houses are managed by RBI i.e.,

i) New Delhi ii) Chandigarh iii) Kanpur iv) Jaipur v) Ahmedabad vi) Mumbai vii) Nagpur viii) Hyderabad ix) Bangalore x) Chennai xi) Trivendrum xii) Kolkata xiii) Bhubaneswar xiv) Guwahati xv) Patna.

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

- | | | | |
|------|-------------------------|---|-----------------------------|
| i) | State Bank of India | - | Steel Plant Branch |
| ii) | Canara Bank | - | Steel Plant Branch |
| iii) | Bank of Baroda | - | Steel Plant Branch |
| iv) | State Bank of Hyderabad | - | Steel Plant Township Branch |
| v) | Andhra Bank | - | Steel Plant Township Branch |
| vi) | UCO Bank | - | Steel Plant Township Branch |
| vii) | IDBI | - | Visakhapatnam Branch |

42.2 The Successful tenderer shall agree that all the payment due and payable in terms of the contract will be paid direct to his bank account and he shall give the bank account number and the address of the Bank in which the money is to be deposited” as per the format given below:

- (1) Vendor Code :
- (2) Option : RTGS / EFT
- (3) Beneficiary Details
- a) Name of Beneficiary (Max.35 characters) :
- b) Bank Name (Max. 35 characters) :
- c) Branch Name (Max. 35 characters) :
- d) Account Number (Max. 35 characters) :
- e) Account type (Max. 35 characters) :
(Savings / Current / Overdraft) [Mention Code No. also]
- f) Beneficiary Bank's IFSC Code (Max. 11 characters):
(For RTGS Mode only)
- g) Beneficiary Bank's MICR Code (Max.09 characters):
(For EFT Mode only)

(Signature of the Party / Contractor)

Name:

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 INPUT TAX CREDIT (ITC) AGAINST GST:**
- a) The successful tenderer shall take necessary steps to comply with the rules and provisions of GST law facilitating VSP to avail ITC.
 - b) **Price condition:** Tenderers shall quote the price of the goods or services excluding GST. Applicable GST shall be indicated against each item and will be paid extra on submission of tax invoice.
In case tenderer opted for composition scheme, GST will not be charged extra and the price quoted includes the GST applicable to composite scheme. Tenderers have to specify that they have opted for composition scheme and GST is included as applicable for composition.
Evaluation criteria:
 1. In case of supply of goods or services on which RINL / VSP is eligible to avail GST input tax credit, evaluation of tender shall be on the basis of landed cost excluding GST.
 2. In case of supply of goods or services on which the employer (RINL/VSP) is not eligible to avail GST input tax credit, the applicable GST payable by RINL/VSP (in case of unregistered taxable supplies) or GST to be charged by the registered taxable supplier as applicable, shall be added to the landed cost for evaluation purposes.
 - c) The tax invoice raised by the Contractor should clearly mention VSP as the recipient. It should be ensured that material has been delivered along with the duplicate for transporter copy of the tax invoice, based on which Input Tax Credit is to be claimed.
 - d) The duty paying documents shall be submitted as soon as the material is procured by the agency for incorporation in the work. In case the material is supplied from a third party, it should be backed up with a GST Tax Invoice from Contractor.
 - e) Material once received in to the factory would not be allowed to go outside the factory premises for any reason. Excess/Rejected material will be allowed to be taken back after complying with the provisions of GST Act.
- 43.1 Vendor/Supplier/Contractor shall comply with all the necessary statutory compliances including but not limited to providing GST invoices or other documentation as per GST law relating to the above supply/service to RINL, uploading the details of the invoice, payment of taxes, timely filing of valid statutory returns for the tax period in the Goods and Service Tax Portal.
In case of Input Tax Credit of GST is denied or demand is recovered from RINL on account of any act of the Vendor, including but not limited to non-payment of GST charged and recovered, non-generation of E-Way Bill, non-filing of Returns, non-uploading/improper uploading of valid invoices raised on RINL in the Returns etc., the Vendor/Supplier/Contractor shall indemnify RINL in respect of all claims of tax, penalty and / or interest, loss, damages, costs, expenses and liability that may arise due to such non-compliance. Such amount shall be recovered from any payments due to the vendor/supplier/contractor or from security deposit or any other amount available in the same contract or in other contracts including future contracts.
If any tax has been paid by the vendor/supplier/contractor in pursuance of any demand on account of suppression, fraud or willful misstatements of facts, then the same shall not be passed on to RINL through debit notes or invoices or supplementary invoices.
44. RINL reserves the right to reject the offers of tenderers whose performance is poor in awarded / ongoing works if any.

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

UNDERTAKING LETTER

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

Name of work: **MISCELLANEOUS CIVIL JOBS IN CENTRAL STORES
ZONES / AREAS**

RFx No. **2600001505**

Sir,

With reference to the Notice Inviting Tender, I/We have gone through the tender documents downloaded from SRM Portal. I/We have also gone through the General Conditions of Contract of VSP available in VSP web site and noted the contents therein. I/We hereby confirm that I/We shall abide by the Terms and Conditions and General Conditions of the Contract including Form of Tender, Invitation to Tender, Articles of Agreement etc. I/We hereby declare that, I/We have visited, inspected and examined the site and its surroundings and satisfied ourselves before submitting this tender, obtained information about the nature of work, facilities that may be required and obtained necessary information about Working Conditions, risk contingencies etc., which may influence this tender. We hereby offer to execute & maintain the work during the defect liability period in conformity with the tender conditions at the respective rates quoted by us.

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

SIGNATURE OF THE TENDERER