BHARAT COKING COAL LIMITED

SIJUA AREA.

Ref. No : GM/SA/Civil/174/2009 Dated : 20.01.2009

OPEN TENDER NOTICE

Sealed Tenders on percentage rate basis in two Bids system (Tech./Com. Bid and Price Bid) are hereby invited from bonafide, experience resourceful and registered contractors for the following work :-

Sl. No.	Name of work & Location	Estimated cost	Earnest Money	Cost of Tender paper	Time of Completion
[1]	Construction of sub-station at new 7/8 incline of Mudidih Colliery.	Rs. 2,77,017.01	Rs. 2,770.00	Rs. 250.00	Three Months.

The Tender will be received separately in two sealed covers in Part-I and Part –II on 09.02.2009 upto 3:00pm in office of the undersigned, Sijua Area.

[1] (a) Part –I i.e. Technical/Commercial Bid should contain the proof of credentials, earnest money deposit, Sale Tax Clearance Certificate/VAT & PAN. The Part –I will be open on 09.02.2009 at 3:30 P.M. in the presence of the tenders or their authorized representatives.

(b) Part –II i.e. Price Bid, containing the Tender Documents issued to the tenderers where-in-rate should be furnished in figure and words will be opened by the Tender Committee only on acceptance of the Part –I Bid.

[2] The Tender paper can be had from the office of the undersigned on written request on any working day from 04.02.2009 & 05.02.09 on payment of requisite cost as indicate above to be deposited in cash with associate finance in Sijua Area.

ELIGIBILITY CRITERIA :

[1] The intending tenderers must have in the name, experience and having successfully completed similar works during last (Seven) years ending, last day of month previous to the one in which Bid Application are invited i.e. eligibility period should be other of the following :-

(a) Three similar completed works each costing not less than the amount equal to 40% of the estimated cost.

OR

(b) Two similar completed work each costing not less than amount equal to 50% of the estimated cost.

OR

(c) One similar completed work costing not less than the amount equal to 80% of the estimated cost.

N.B : Similar nature means Construction work.

[2] The tenderers must have average annual financial turn over civil works during last three years ending 31st March of previous financial year i.e. in 2005-06, 2006-07 & 2007-08 should be least 30% of the estimated cost.

[3] Rate to be quoted in % above/below of the estimated cost both in figure and words in BCCL prescribed forms.

[4] The contractor have to acquainted with the side condition.
[5] All Taxes as applicable will be born by the Contractor.
[6] The Earnest Money to be deposited in cash with associated finance in Sijua Area or in the form of A/C. Payee Demand Draft only in favour of BCCL, DHANBAD, Earnest Money bears no interest and may be refund only to the unsuccessful tenderers in due course on completion of formalities.
[7] Tenderers have to fully acquaint and satisfy themselves with the NIT & side conditions, drawing, estimates etc. before submitting their tenders.
[8] All other terms and conditions of general NIT Rules of BCCL and/or other authorities/statutory bodies as applicable from time to time.
[9] Validity of Tender shall be 120 days from the date of opening of the Price Bid or revised Bid if any.
[10] The management of BCCL reserves the right to reject any or all the tenderers without assigning any reasons what-so-ever or to split up and distribute the work amongst the tenderers.
[11] No material shall be issued by the department.
[12] No Tender will be issued or submitted by postal means.
[13] Issuance of Tender Documents does not mean that the party is considered qualified.
[14] Conditional Tenders will not be accepted.
[15] In case of any injury/accident it will be the responsibility of the Contractor to pay all legal dues their workers.

Area Civil Engineer
Sijua Area

c.c.to : E.S to E.D.(Vig.), BCCL, Koyla Bhawan.
c.c.to : G.M. (Const.), Koyla Bhawan
c.c.to : G.M.(System), BCCL for logging of detailed N.I.T. & Tender document on Website before 03.02.2009.
c.c.to : G.M., Sijua Area.
c.c.to : A.G.M., Sijua Area.
c.c.to : A.F.M., Sijua Area.
c.c.to : All CGM/GMs Area- I to 12, Block-II, E/Jharia & W/Jharia.
c.c.to : All Project Officers, Sijua Area.
c.c.to : Notice Board. Sijua Area.

PART – 1

TECHNO
COMMERCIAL BID

(To be submitted with Part –1 Envelop)

Terms & Conditions for

BHARAT COKING COAL LIMITED

(A Subsidiary of Coal India Limited)

Regd. Office : Koyla Bhawan

OFFICE OF THE CHIEF GENERAL MANAGER
CIVIL ENGINEERING DEPARTMENT
SIJUA AREA (DHANBAD).

[1]	Name of work	:	Construction of sub-station at new 7/8 incline of Mudidih Colliery.
[2]	Name of Contractor	:	
	Address	:	
[3]	Date of Receipt of Tender	:	Upto 3:00 P.M. on 09.02.2009
[4]	Date of Open of Tender	:	At 3:30 P.M. on 09.02.2009
[5]	Details of E.M.D.	:	
[6]	Money Receipt No. (for issue of Tender Paper)	:	

SIGNATURE OF ISSUING OFFICER

DETAILED TENDER NOTICE

[1] Scaled Tenders in prescribed forms and parts with the name of works superscribed as **Construction of sub-station at new 7/8 incline of Mudidih Colliery** envelops are invited from bonafide and experienced contractors and will be received at the office of Civil Engineering Department, Sijua Area, Dhanbad, upto 3:00 P.M. on **09.02.2009**. All tenders will be opened at 3:30 P.M. on **09.02.2009** in the presence of the attending tenders or their authorized representatives who wish to be present in case where the tenders is in two parts, only Part-1 will be opened on the above day and time.

[2] (a) Tenders should be submitted in the prescribed form in time. These forms together with the proposed contract document including specifications and tender drawings (if available) may be obtained from the above office during normal working hours on payment of Rs. 250/- (non-refundable) (Rupees Two hundred fifty only) as Application fee for each set. The payment may be made either in Cash or By Bank Draft drawn in favour of Bharat Coking Coal Limited on any scheduled Bank payment at its branch at Dhanbad. General specification and description of work is enclosed with the tender document.

[2] (b) Any Bids received after the deadline prescribed at Clause I above due to any reasons what-so-ever will not be accepted.

In the event of the specified date for the submission of bids being declared a holiday by the employer, the bids will be received upto the appointed time on the next working day.

[2] (c) Tenders thus submitted shall consist of the following :-

[i] Complete set of tender documents as sold, duly filled in and signed on all pages and at different places as required of the tender documents including Part-I & Part II of the tenders as per the Tender notice as applicable.

[ii] Sales Tax Clearance Certificate copy attested by a Gazetted Officer of the Govt. (Central or State).

[iii] PAN (Permanent I, Tax Account Number).

[iv] Earnest Money deposit (as specified hereafter).

[v] Power of Attorney in the case the tender is signed by an authorized representative of the tenderer.

[vi] Full name and address of the tenderer shall be written on the bottom left hand corner of the sealed covers.

[2] [d] The tender document in which the tender is submitted by the tenderer shall become the property of the Company and the Company shall have no obligation to return the same to the tenderer.

[2] [e] The Tender shall be submitted in Two Envelopes System with the first envelope containing credentials duly authenticated by the bidder) in support of his qualifications in accordance with the eligibility criteria along with the EMD in a separate envelope and the second envelope containing the duly filled in Tender Document super scribing Envelope-I, II and EMD on the cover.

Part –II shall consist of tender documents as sold to the tenderers duly filling in rates, amounts etc. i.e. Price Bid.

The Earnest Money Deposit is to be submitted in a separate Envelope altogether; super-scribing "Earnest Money Deposit", and not inside the envelope containing Part I or Part II of the Bid.

The Bidders, who will download the tender documents from the website of the company, will be required to pay the cost of tender documents (Application Fee) by Bank Draft as per NIT at the time of submission of tenders.

The Bidders will be required to submit an undertaking that they will accept the tender documents as available in the website and their tender shall be rejected if any tampering in the tender document is found to be done at the time of opening of tender.

The Bank raft towards the cost of tender documents (Application Fee) and the undertaking of the tenderer as above shall be submitted in a separate envelope marked "Cost of Tender Documents and the Undertaking" and not with Part- I/EMD.

In case of any discrepancy between the tender documents downloaded from the web site and the master copy available in the office, the latter shall prevail an will be binding on the tenderers. No claim on this account will be entertained.

The Part I & Part-II should also be put into separate sealed envelopes super scribed as such. Thereafter all the three envelopes (four envelopes in case of Bidders using downloaded Bid document) should be submitted in a sealed envelope with appropriate superscription.

[2] (f) Each bidder shall submit only one bid for one package. A bidder who submits or participates in more than one bid (other than as sub-contractor or in case of alternatives that have been permitted or requested) will cause all the proposals with the bidders participation to be disqualified.

[3] Earnest Money/Bid Security @ 1% of the estimated cost (rounded of to nearest hundred rupees subject to maximum of Rs. 50 Lakhs) is to be deposited in the form of irrevocable Bank Guarantee (from Scheduled Bank/Branch acceptable to the owner) with validity 28 days beyond the validity of the Bid in the Demand Drafts will also be acceptable as Earnest Money/Bid Security drawn in favour of Bharat Coking Coal Limited on any scheduled Bank payable at its branch at Dhanbad. For works valued upto Rs. 5 lakhs the earnest money may be deposited in cash or in the aforesaid form. In case of earnest money deposit by cash., cash receipt is to be submitted in a separate envelope alongwith the tender Earnest Money/Bid Security of the unsuccessful bidder shall be refunded as promptly as possible after opening of Price Bid and finalization of the tender and shall bear no interest.

[4] No tender shall be considered unless accompanied by the said Earnest Money.

[5] The earnest money will be retained in the case of successful tenderer and refunded to the unsuccessful tenderer in due course and will not carry any interest. The earnest money deposited by the successful tenderer will be deposit with as provided elsewhere in the tender documents.

[6] (a) Site Investigation Report :- The contractor, in preparing the bid, shall rely on the site investigation report referred to in the document, supplemented by any information available to the bidder.

[6] (b) Every tenderer is expected, before quoting his rtes, to go through the requirements of materials,/workmanship under specification/requirements and conditions of contract and to inspect the site/area of the proposed work.

In case of item rate tender a schedule of quantities in enclosed with the tender document. He should quote specific rate for each item in the schedule and the rates shall be in rupees and paise. The rates shall be written both in words and figures and the unit in the words and the amount against each item totaled. In the event of any discrepancy between the description in works and figures, the description in words will prevail. The rates for the work should be inclusive of all incidentals, over heads, all taxes, control's duties, leads, lifts, carriage, tools, & plant etc. as required for execution and completion of the work. It shall be deemed that the tenderer has visited the site/are and got fully acquainted with the working conditions and other prevalent conditions and fluctuations there to whether they actually visited the site/are or not and have taken all the above factors into account while quoting his rates.

[7] (a) Corrections where unavoidable, shall be made by crossing out and rewriting duly authenticated with full signature and date by tenderer, Erasing or over-writing in the tender documents may disqualify the tender.

[7] (b) The tender shall be submitted either in English or in Hindi.

[7] (c) Cost of Bidding :- The bidder shall bear all costs associated with the preparation and submission of his bid and the Employer will no case be responsible and liable for those cost.

[8] The tenderer shall closely study all specification in detail, which govern the rates for which he is tendering.

[9] Sales Tax Clearance Certificate for the last financial year or the last assessment whichever is later or proof of filling the returns for the previous financial year should accompany the tender.

[10] The work should be completed within **03(Three) months** from expiry of ten(10) days from the issue of letter or letter of acceptance of tender/work order or handing over the site or handing over reasonable number of working drawings to the contractor or the period of mobilization allowed in the work order for stating the work in special circumstances, whichever is latest.

[11] One completion of the work all rubbish, debris, brick bats, etc, shall be removed by the contractor(s) at his/their own expenses and the site cleaned an handed over to the company and he/they shall intimates officially of having completed the work as per contract.

[12] The Company does not bind itself to accept the lowest tender and reserves the right to reject any or all the tenders without assigning any reasons whatsoever and to split up the work between two or more tendereres or accept the tender in part and not in its entirely.

[4] (a) Full information should be given by the tenderers in respect of following :-

[i]	If an individual	:	Full name Postal Address Place of Business.
[ii]	If proprietary Firm	:	Name of the Proprietor Full postal address of Firm/Proprietors
[iii]	If partnership Firm	:	Full name of partners Full postal addresses of the registered office of firm & The partners Registered partnership Deed.

[iv] In case of company : Date and place of registration
Memorandum & Articles of Association
Name of all the Directors
Full postal address of the registered office & all Directors.

[15] Canvassing in connection with the tenders in any shape or form is strictly prohibited and tenders submitted by such tenderers who resort to canvassing shall be liable for rejection.

[16] If a Tenerer deliberately provides wrong information or submits false credentials in support of his qualifications, the Company reserves the right to terminate/rescind the contract, forfeit the EMD and other dues of the contractor and to take any other action as may be deemed fit.

[17] An intending tender, after obtaining tender documents on payment of Application fee, having doubts as to the meaning of any part of the tender documents may submit to the official inviting tender a written request for interpretation or clarification thereof, Any interpretation or clarification of the tender documents by formal addendum if issued by the official inviting tender, shall be final and valid and binding on the company and the tenderers.

[18] **Tender Evaluation** :-

The Tender received will be scrutinized and evaluated by a duly constituted Tender Committee.

The Tender Committee will examine the Comparative Statements prepared by the concerned technical department and will satisfy itself that all aspects/conditions of each offer has been properly evaluated with respect to financial implications etc.

Tenders received without Earnest Money will be rejected.

The deviations from the commercial terms &conditions and the Tender specifications are scruitinised before opening of price bids. Normally no deviations in the commercial terms & conditions will be accepted.

However, the Tender Committee may decide to scrutinize the different conditions given by the tendereres and formula and freeze the acceptable conditions and intimate all the tenderers about the same and give them an opportunity to revise their price bid if necessary before opening the same.

The Price Bids are opened at the time and place fixed for the same in presence of the tenderers & committee members and due information for opening of Price Bids is to given to all concerned. In case where the tenderers are given opportunity to revise their Price Bids, only the revised bids are opened and original Price Bids are to be kept in fact in the custody of the company.

The Price Bids of the tenderers will have no condition. The Price Bids which are incomplete & not submitted as per instructions given in the Tender Documents will be rejected. No document presented by the bidder after the closing date and time of the bid will be taken into account unless it is of purely technical nature which has no bearing financially on the contract and which does not seek major changes in the technical specifications given in the bid documents. If a bidder offers a rebate unilaterally after the closing date and time of the bid, it will not be taken into account for evaluating purposes by the Tender Committee, but if that bidder emerges as the lowest evaluated, the rebate offered will be taken into account for determination of the total offer.

If the bid of the successful bidder is seriously unbalanced in relation to the estimate

of the cost of work to be performed under the contract, the company may require the bidder to produce detailed price analysis for any or all items of the Bill of quantities to demonstrate the internal consistency of these prices with the construction method and the schedule proposed. After evaluation of the price analysis, the company may require that the amount of the performance security /security deposit is increased at the expense of the successful bidder to a level sufficient to protect the company against financial loss in the event of default on the part of the successful bidder under the contract.

[19] **Negotiations** :
Negotiations ill be held only if the lowest rate received is not reasonable and decision of the company regarding reasonableness rates quoted will be final and binding on the bidders.

[20] Work will be awarded to the lowest bidder (L-I) without post tender negotiations if the rates are reasonable. If rates are not reasonable negotiations with L-I only may be undertaken to arrive at a reasonable rate.

[21] On receipt of letter for acceptance of the tender issued by the Company, the successful tenderer shall execute/accept contract agreement work order in the company's prescribed form for the due fulfillment of the contract. Failure to enter into the required contract/accept the work order issued by the company within the specified period in the work order shall entail cancellation of letter of acceptance of tender/work order and forfeiture of the earnest money. The written contract/ work order to be entered into between the contractor and the company shall be the foundation of the rights of both the parties and the contract shall not be deemed to be executed until the contract/work order is signed/accepted by both the parties i.e. Contractor and the Company.

[22] (a) The validity period of the tenders shall be 4 (four) months form the date of opening of price bid or revised price bid, if any.

The tenderer shall not during the said period or within the period extended by mutual consent, revoke or cancel his tender or alter the tender or any terms/conditions thereof without consent in writing of the company. In case the tenderer violates to abide by this, the Company will be entitled to forfeit the Earnest Money and reject the tender.

[22] (b) The Company reserves the right to postpone the date of receipt and opening o tenders or to cancel the tenders without assigning any reason whatsoever.

[23] The Company reserves its right to allow Public Enterprises purchase preference facility as admissible under prevailing policy.

[24] This details Tender Notice shall be deemed to be part of the Contract Agreement/Work order.

[25] No subletting of works as a whole by the contactor is permissible. Subletting of work in piece rated jobs is permissible with the prior approval of the department.

[26] In case the contractor enters into any litigations, such action should have to be taken in a count of law with jurisdiction over the place where the subject work is to be executed.

[27] All other terms and conditions as appearing in the standard tender document of BCCL is applicable in this tender.

GENERAL TERMS AND CONDITIONS

[1] **DEFINITIONS** :

[i] "Employer" or "Company" means the Bharat Coking Coal Limited who will employ the contractor represented the appropriate authority.

[ii] "Principal Employer" means the Bharat Coking Coal Limited or the officer nominate by the company to function on its behalf.

[iii] The word "Contractor/Contractors" wherever occurs means the successful tenderer/tenderers who has/have deposited the necessary Earnest Money and has/have been given written intimation about the acceptance of tender and shall include legal representative of such individual or persons composing a firm or a company or the successors and permit assignees of such individual, firm or company, as the case may be.

[iv] "Site" means the land and places including any building and erection thereon, over, under, in or through which the Permanent works or Temporary works designed by Engineer in Charge are to be executed and any other lands and places provided by the Employer for working space or any other purpose as may be specifically designated in the Contract as forming part of the site.

[v] The term "Sub-Contractor" as employed herein, includes those having a direct contract with Contractor either on piece rate, item rate, time rate or other basis and it includes one who furnishes work to a special design according to the plans or specifications of this work but does not include one who merely suppliers materials.

[vi] "Accepting Authority" shall mean the management of the company and includes an authorized representative of the company or any other person or body of persons empowered in this behalf by the company.

[vii] "Engineer-in-charge" shall mean the office nominated by the company in the Civil Engineering Cadre/discipline who is competent to direct supervisors and authorized to be in charge of the works for the purpose of this contract. The Engineer in Charge/Designated Officer in Charge who is of an appropriate seniority, will be responsible for supervising and administering the contract, certifying payments due to the contractor, valuing variations to the contract, awarding extension of time and valuing compensation events. The Engineer in Charge/Designated Officer in Charge may further appoint his representatives i.e. another person/Project Manager or any other competent person and notify to the contractor who is directly responsible for supervising he work being executed the site, on his behalf under their Delegation of Power of the company. However, overall responsibility, as far as the contract is concerned, will be that of the Engineer in Charge/Designated Officer in Charge.

[viii] The "Contract" shall mean the notice inviting tender, the tender as accepted by the Company, the work order issued to the contractor and the formal contract agreement, executed between the company ad the contractor together with the documents referred to therein including generate terms and conditions, special conditions, if any scope of work, frozen terms and conditions/technical parameters/scope of work and revised offer, if any specifications, drawings, including those to be submitted during progress of work schedule of quantities with rates and amounts.

[ix] A "Day" shall mean a day of 24 hours from midnight to midnight.

[x] The "Work" shall mean the works required to be executed in accordance with the contract/work order or parts thereof as the case may be and shall include all extra or additional, altered or substituted works or any work of emergent nature, which in the opinion of the Engineer-in-chare, become necessary during the progress of the works to obviated any risk or accident or failure or become necessary for security.

[xi] "Schedule of Rate" referred to in this conditions shall mean the standard schedule of rates prescribed by the company and the amendments issued form time to time.

[xii] "Contract amount" shall mean :

(a) In the case of turkey contracts the total sum for which tender accepted by the company.

(b) In the case of other types of contracts the total sum arrived at based on the individual rates quoted by the tenderer for the various items shown in the "Schedule of Quantities" of the tender document as accepted by the Company with or without any alteration as the case may be.

[xiii] "Written Notice" shall mean a notice or communication in writing and shall be deemed to have been duly served if delivered in persons to the individual or to a member of the contractors firm or to an office of the company for whom it is intended or if delivered at or sent by registered mail to the last business address known to him who given the notice.

[xiv] "The constructional Plant" means all appliances, tools plants or machinery or whatsoever nature required or about the execution completion or maintenance of the works but does not include materials or other things intended to form part of the permanent work.

[xv] "Letter of Acceptance of Tender" means letter giving intimation to the tenderer that his tender has been accepted in accordance with the provisions contained in that letter.

[xvi] "Department" means the Civil Engineering Department of Coal India Limited or any of its subsidiary companies/units represented by the appropriate authority.

[xvii] "Act of insolvency" means as it is designed by Presidency Town Insolvency Act or Provincial Insolvency Act or any act amending such originals.

[xviii] The words indicating the singular only also include the plural and vice-versa where the context requires.

[2] **Contract Documents** :

The following documents shall constitute the contract documents :-

[i] Notice inviting Tender/Details Tender Notice.

[ii] Articles of Agreement/Letter of Acceptance of Tender/Work order.

[iii] General Terms & Conditions of contract/Commercial Terms & Conditions of contract.

[iv] Additional Terms & conditions of contract , if any.

[v] Specifications,

[vi] Schedule of quantities (or Bill of Quantities) /Schedule of work/Scope of work and schedule of deviation (to be provided by the contractor).

[vii] Frozen terms & conditions/technical parameters/scope of work and revised offer, if any.

[viii] Contract drawings and work programme.

[ix] Safety code etc. forming part of the tender.

N.B. **Deviations** :-Deviations sought by the bidders, whether they are technical or commercial deviations, must only be given in the schedules prescribed for them. Any willful attempt by the bidders to camouflage the deviations by giving them in the covering letter or in any other documents than the prescribed schedules may render the bid itself as non-responsive.

[2.1] The contractor shall enter into and execute contract agreement in the prescribed form (Ref. Format at ANNEXURE-VII). The cost of the stamp papers for the contract agreement shall be borne by the contactor. Two sets of contract document/agreements shall be prepared and signed by both the parties One of the sets shall be stamped 'Original" and the other "Duplicate". The duplicate copy will be supplied to the contractor free of cost and the original is to be retained by the company. For additional copies required by the contractors the price to be charged would be that of the cost of the Tender Document (Application Fee).

All additional copies should be certified by the Engineer in Charge.

The contractor shall keep copy of these documents on the site/place of work in proper manner so that these are available for inspection at all reasonable times by the Engineer-in charge, his representatives or any other officials authorized by the company for the purpose.

[2.2] The contract document shall not be used by the contractor for any purpose other than this contract and the contractor shall ensure that all persons employed for this contract strictly adhere to this and maintain secrecy, as required of such documents.

[2.4] Abnormally High Rate (AHR)& Abnormally Low Rate (ALR) items.
Abnormally High Rats & Abnormally Low Rates, if quoted by the contractor, in item rate tenders will be identified and dealt with as under :-

[i] For identification of AHR & ALR items the ceiling of +/- 20% respectively, when c compared with the updated estimated rate, will be considered.

[ii] Variation in Quantity on quoted rate during execution for AHR & ALR items shall be permitted upto +/- 25% (+25% for AHR & -25% for ALR) of the quantity provided for items of work below plinth level & +/- 5% of the quantity provided for items of work above plinth level respectively.

[iii] Quantity variation beyond the limit mentioned at (ii) above shall be dealt by arriving at new rate based on prevalent market rats of materials & labour analysed as per standard analysis of rate of N.B.O/C.P.W.D. payment of extra quantity over the permitted quantity of +/- 25% and +/-5% (as the case may be) would be made on the basis of the new analysed rate.

[iv] For identified abnormally low rate (ALR) items, the contractor will be required to deposit with the company the difference in amount calculated between the departmental justified rte multiplied by the quantity of a particular ALR item and the AIR rate quoted by the contractor multiplied by the quantity of the same items.

The total amount to be deposited will be the sum total of all the identified ALR items calculated as per the method outlined above.
The amount so retained will be refunded on successful completion of individual ALR items calculated as per the method outlined above.
The amount so retained will be refunded on successful completion of individual ALR items of work.

[2.6] **Acceptance of Offer** :
Letter of Acceptance is an acceptance of offer by the company and it need not be accepted by the tenderer. But the tenderer should acknowledge the receipt of the order within 15 days of mailing of work order and any delay in acknowledging the receipt will be treated as a breach of contract and compensation for the loss caused by such breach will be declared by the company by forfeiting EMD.

[3] **Discrepancies in contract documents & adjustments thereof**.
The documents forming part of the contract are to be treated as mutually explanatory of one another and in case of discrepancy between schedule of quantity, the specifications and/or drawing, the following order of preference shall be observed.

(a) Description in Bill of Quantities of work.
(b) Particular specification and special conditions, if any.
(c) Drawings
(d) General specifications.

[3.1] In the event of varying or conflicting provision in any of the document (s) forming part of the contract, the Accepting Authority's decision/clarification shall hold good with regard to the intention of the document or contract as the case may be.

[3.2] Any error in description, quantity or rate in Bill of Quantities or any omission there from, shall not vitiate the contract or release the contactor from discharging his obligations, under the contact including execution of work according to Drawings and specifications, forming part of the particular contract document.

[3.3] Any difference detected in the tender/tenders submitted resulting from :

(a) Discrepancy between description in words and figures, the rate which corresponds to the amount worked out by the contactor shall be taken as correct.
(b) Discrepancy in the amount quoted by the contractor due to calculation mistake of the unit rate and quantity, the unit rate shall be regarded as firm and amount corrected.
(c) When the amount of an item is not worked out by the contactor or its does not correspond with the rtes written either in figure or words, then the rates quoted by the contractor in words shall be taken as correct.
(d) In the case of percentage rate tender, the Contractors are required to quote their rates both in amount as well as in the percentage below/above the rates entered in the Schedule. In such cases in the event of Arithmetical error committed in amount by the contract, the tender percentage and not the amount should be taken into account.
(e) Discrepancy in totaling or carry forward in the amount quoted by the contractor shall be corrected.

The tendered sum so corrected and altered shall be substituted for the sum originally tendered and considered for acceptance instead of the original sum quoted by the tenderer along with other tender/tenders. Rounding off to the nearest rupee should be done in the final summary of the amount instead of in totals of various sections of the offer.

[4] **<u>Security Deposit</u>** :

[4.1.1] Security Deposit shall consist two parts :
(a) performance Security to be submitted at award of work and
(b) Retention Money to be recovered from running bills.
The security deposit shall bear no interest.

[4.1.2] Performance Security should be 5% of contract amount and should be submitted within 28 days of receipt of LOA by the successful bidders in any of the form given below :-

- A Bank Guarantee in the form given in the bid document.
- Govt. Securities, FDR or any other form of deposit stipulated by the owner.
- Demands Draft drawn in favour of Bharat Coking Coal Limited on any Scheduled Bank payable at its Branch at Dhanbad.

The Earnest Money/Bid Security deposited in the form of bank Guarantee shall be discharged when the Bidder has signed the Agreement and furnished the required performance Security/Security Deposit. The Bid security deposited in the form of Demand Draft/Cash shall be adjusted against the security deposit.

If performance security is provided by the successful biders in the form of bank guarantee it shall be issued either.

(a) At Bidder's option by a nationalized /Scheduled Indian Bank or

(b) By a foreign bank located in India and acceptable to the employer.

(c) The validity of Bank Guarantee shall be for a period of one year or ninety days beyond the period of contract, which ever is more.

Failure of the successful bidder to comply with the requirement as above shall constitute sufficient ground for cancellation of the award of work and forfeiture of the bid security.

[4.2.1] All running on account bills shall be paid at 95% (Ninety five percent) of work value. This 5% (Five percent) deduction towards Retention Money will the second part of security deposit.

[4.2.2] 5% performance Security should be refunded within 14 days of the issue of defect liability certificate (taking over certificate with a list of defects) Retention Money should be refunded after issue of No Defect Certificate, Retention Money should deducted at 5% from running bills.

[4.3] The Bank Guarantee towards security deposit shall be acceptable only for values above Rs. 50,000/- and the Bank guarantee shall also be valid for a minimum period of one year or ninety days beyond the period of contract, whichever is more, Bank Guarantee is to be submitted in the format prescribed by the company. Bank Guarantee shall be irrevocable and will be from amongst the list of Banks (Scheduled Banks) provided in the bid document, payable by the contactor to the company as may be determined in terms of the contact, and the amount appropriated from the security deposit shall have to be restored by further deduction from the contractors subsequent on account running bills if any.

The refund security deposit shall be subject to company's right to deduct/appropriate its due against the contractor under this contact or under any other contract.

[4.5] on completion of the entire work and issue of defect liability certificate (taking over certificate with a list of defects) by the Engineer-in charge one half of the security deposit remaining with the company shall be refunded. The other half shall be refunded to the contractor after issued of No Defect Certificate by the Engineer-in-charge, on the expiry of Defect Liability Period of six months, subject to the following conditions :-

(a) Any defect/defects in the work, if detected after issue of defect liability certificate is/are rectified to the satisfaction of the Engineer-in-Charge within the said period.

(b) In the case of building work or other work of similar nature, the refund shall be made on the expiry of the said six months period or at the end of one full monsoon period i.e. June to September, whichever is later in point of time and any defects such as leakages in roof, effloresces in walls, dampness in drainage etc. should be rectified to the satisfaction of Engineer in –Charge.

[5] Deviations/Variations in Quantities and Pricing :

The quantities given in the "Schedule of Quantities" are based on estimates and are meant to indicate the extent of the work and to provide a n uniform basis for tendering and any variation either by addition or commission shall not vitiate the contract.

[5.1] The company through its Engineer in Chare or his representative shall , without radically changing the original scope and nature of the work, under contract, have power to make any alterations in or additions to or substitution of the original specifications, drawings, designs and instructions that may appear to be necessary or advisable during the progress of the work.

The contractor shall be bound to carry out the works in accordance with the instructions given to him in writing by the Engineer in Charge or his representative on behalf of the company. Such altered or additional or substituted work, which shall form part of the original contract, shall be carried out by the contractor on the same terms and conditions in all respects on which they agreed to do the main work and at the same rate/rates as are specified in the contract/work-order.

[5.2] The right is reserved to cancel any items of work included in the contract agreement or portion thereof in any stage of execution if found necessary to the work and such omission shall not be a waiver of any condition of the contract not invalidate any of the provisions thereof.

[5.3] If the additional altered or substituted work includes any class of work for which rate/rates is/are not specified in the contract/work order, rates for such items shall be determined by the Engineer in Charge as follows :-

(a) In the case of percentage , if the rate for the item of work executed is available in the company's approved SOR, it will be paid at the schedule rate plus or minus the accepted percentage as per contract.

(b) In case of item tenders , the rate for extra item shall be derived from the rate for similar item or near similar item of work available in the agreement schedule of work or by analysis of rates as at (c) below and the lower rate out of the above two shall be considered.

(c) In case the rate for extra item is to be derived by analysis of rate, the same shall be done by analysis on prevalent market rate of materials and labour based on standard norms of analysis of rte of N.B.O/C.P.W.D.

(d) In case of combined tender with partly item rate for non-schedule items & partly percentage tenders for SOR items, the rate for extra item shall be derived as at (b) above in case of non-schedule items rates and in case of percentage rates for SOR items the rate for extra item shall be derived as at (a) above.

In case of any difference between the contractor and the Engineer in Charge as to the fixation of rates, the matter shall be referred to the accepting authority of the company i.e. CGM(C)/GM(C)/CE(C) of the company or Staff Officer (C) for the work awarded at Company H.Qrs. level and Area level respectively , whose decision shall be final and binding on the contractor.

[5.4] Payment for such deviated items (additional/altered/substituted items of work or excess quantities of work beyond +/- 25% of the agreement schedule) shall be made in the contractors running on account bills, till the raised estimate regularizing these items are sanctioned by the competent authority of the company, at the provisional rates and shall not exceed.

(a) 75% of the rate recommended by the Engineer in Charge to the accepting authority of the company i.e. CGM(C)/ GM(C)/C.E(C) of the company or SO(C) of the Area, if the rate is directly available in the SOR of the company.

(b) 50% of the rte recommended by the Engineer in Charge to the accepting authority of the company, i.e. CGM(C)/ GM(C)/C.E(C) of the company or SO(C) of the Area, if it is analysed item rates based on prevalent market rates of material and labour following NBO/CPWD norms.

[5.5] The time for completion of the originally contracted work shall be extended by the company in the proportion that the additional work (in value) bears to the original contracted work (in value) plus 25% of the time calculated as explained above or such further additional time as may be considered reasonable by the Engineer in Charge.

[5.6] The company through its Engineer In Charge or his representative, on behalf of the company, shall have power to omit any part of the work in case of non-availability of a portion of the site or for any other reason and the contractor shall be bound to carry out the rest of the work in accordance with the instructions given by the Engineer In Charge. No claim from the Contractor shall be entertained/accepted on these grounds.

[5.7] In the event of any deviation being ordered which in the opinion of he contractor changes radically the original scope/nature of the contract, the contractor shall under no circumstances suspend the work, either original or altered or substituted, and the dispute/disagreement as to the nature of deviation and the rate/rates to be paid for such deviations shall be resolved separately with the company as per the procedures/norms laid down hereafter.

[6] Time for Completion of Contract Extension thereof, Defaults and Compensation for Delay

Time is the essence of the contract and as such all works shall be complete within the time stipulated in the contract/work order.

Immediately after the contract is executed/the work, order is issued, the Engineer in Charge and the contractor shall agree upon a detailed time and progress chart prepared based on BAR CHART/PERT CPM techniques on the basis of a construction schedule submitted by the contractor at the time of executing contract showing the order in which the work is proposed to be carried out within the time specified in the contract document/work order.

For the purpose of this detailed time and progress chart, the work shall be deemed to have commenced on the expiry of 10(ten) days from the issue of Letter of Acceptance of Tender/Work Order or handing over the site of work or handing over reasonable number of working drawings to the contractor or the period mobilization allowed in the work order for starting the work in special circumstances, whichever is later.

[6.1] If the contractor, without reasonable cause or valid reasons, commits default in commencing the work within the aforesaid time limit, the company shall without prejudice to any other right or remedy , be at liberty, by giving 15 days notice in writing to the contractor to commence the work, to forfeit the Earnest Money deposited by him and to rescind the Letter of Acceptance of tender/Work Order.

Additionally, the Company will reserve the right to debar such defaulting Contractors from participating in future Tenders for a minimum period of 1 (One) year.

[6.2] if the contractor fails to maintain the required progress in terms of the agreed time and progress char or to complete the work and clear the site on or before the contract or extended date of completion, he shall without prejudice to any other right or remedy available under the law to the company on account of such breach, pay as compensation (Liquidated Damages) @ half percent (1/2 %) of the contract price per week of delay. The aggregate of such compensation/compensations shall not exceed 10(ten) percent of the total value as shown in the contract.
This will also apply to items or group of items for which separate period of completion has been specified. The amount of compensation may be adjusted or setoff against any sum payable to the contractor under this or any other contract with the company.

[6.2.1] The company, if satisfied, that the works can be completed by the contractor within a reasonable time after the specified time of completion, may allow further extension of time at its discretion with or without the levy of L.D. In the event of extension granted being with L.D. the company will be entitled without prejudice to any other right or remedy available in that behalf, to recover from the contractor as agreed damages equivalent to half percent of the contract value of the works for each week or part of the week subject to a ceiling of 10% of the contract price.

[6.2.2] The company, if not satisfied that the works can be competed by the contractor, and in the event of failure on the part of the contractor to complete work within further extension of time allowed as aforesaid, shall be entitled, without prejudice to any other right, or remedy available in that behalf, to rescind the contract.

[6.2.3] The company, if not satisfied with the progress of the contract and in the event of failure of the contractor to recoup the delays in the mutually agreed time frame, shall be entitled to terminate the contract.

[6.2.4] In the event of such termination of the contract as described in clauses 6.2.2 or 6.2.3 or both, the company, shall be entitled to recover L.D. upto ten percent (10) of the contract value and forfeit the security deposit made by the contractor besides getting the work completed by other means at the risk and cost of the contractor.

[6.3] (a) The company may at its sole discretion, waive the payment of compensation on request received from the contractor indicating valid and acceptable reasons if the entire work is completed within the date as specified in the contract/work order or as validly extended date without stipulating any compensation for delay or.

(b) if the progress of the work or of any portion of the work is unsatisfactory, the Engineer-In-Charge shall be entitle, after giving the contractor 15 days notice in writing, to employee another Agency for executing the job or to carry out the work departmentally either wholly or partly debiting the contractor with the cost involved in engaging another Agency or the cost involved in executing the work departmentally, as the case may be. The certificate to be issued by the Engineer In-Charge for the cost of the work so done shall be final and conclusive and the extra cost, if any, shall be borne by the contractor.

[6.4] Extension of date of Completion : On occurrences of any events causing delay as stated here under, the contractor shall intimate immediately in writing to the Engineer In Charge.

(a) **Force-major** :

[i] Natural phenomena, including but not limited to abnormally bad weather, unprecedented flood and sought, earthquakes & epidemics.

[ii] Political upheaval, civil commotion strikes, lockouts, acts of any Govt. (domestic/ Foreign) including but not limited to war, properties , quarantine embargoes.

In the event of delay due to Force Major for more than one month the contract may be terminated at the discretion of the company. Termination under such circumstances will be without any liability on either side.

(b) Serious loss damage by fire.

(c) Non-availability of stores which are the responsibility of the company to supply as per contract.

(d) Non-availability of working drawings in time, which are to be made available by the company as per contract during progress of the work.

(e) Delay on the part of the contractors or tradesmen engaged by the company not forming part of he contract , holding up further progress of the work.

(f) Non-availability or breakdown of tools and plant to be made available or made available by the company.

(g) The execution of any modified or additional items of work or excess quantity of work.

(h) Any other causes which, at the sole discretion of the company, is beyond the control of the contractor.

[6.4.1] A HINDRANCE REGISTER shall be maintained by both department and the contractor at site to record the various hindrances, as stated above, encountered during the course of execution.

Hindrance register will be signed by both the parties. The contractor may also record his observations in the Hindrance Register. In case the contractor has a different opinion for hindrance and a dispute arises then the matter would be referred to the EIC and or the next higher authority whose decision would final & binding on the contractor & the decision to be communicated within 15 days.

[6.4.2] The contractor shall request the company in writing for extension of he time within 15 days of happening of such event causing delay stating also, the period for which extension is required. The company may, considering the gentility of the request, give a reasonable extension of time for completion of the work, Such extension shall be communicated to the contractor in writing by the company through the Engineer In Charge within 1 (one) month of the date of receipt of such request.

[6.4.3] The opinion of the Engineer-in charge, whether the grounds shown for the extension of time are or are not reasonable, is final. If the Engineer-in-charge is of the opinion that the grounds shown by the contractor are not reasonable and declines to the grant of extension to time, the contractor can not challenge the soundness of the opinion by reference to arbitration.

The opinion of the Engineer-in-charge that the period of extension granted by him is proper or necessary is not, however, final, if the contractor feels that the period of extension granted is inadequate he can appeal to the CGM(Civil)/G.M(Civil/CE.(Civil) of the company for consideration on the question whether the period of extension is or is not proper or necessary.

[6.4.4] Provisional extension of time may also be granted by the Engineer In Charge during the course of execution, on written request for extension of time within 15 (fifteen) days of happening of such events as stated above, reserving the company's right to impose/walve penalty at the time of granting final extension of time as per contract agreement.

[6.4.5] When the period fixed for the completion of the contract is about to expire, the question of extension of the contract may be considered at the instance of the Contractor or the Department or of both. The extension will have to be by party's agreement, express or implied.

In case the contractor does not apply for grant of extension of time within 15 (fifteen) days of the hindrance occurring in execution of the work and the department wants to continue with the work beyond the stipulated date of completion for reason of the work having been unavoidably hindered, the Engineer-In-Charge can grant extension of time even in the absence of application from the contractor.

Such extension of time granted by the Engineer in Charge is valid provided the contractor accepts the same either expressly or implied by his actions before and subsequent to the date of completion. Such extension of time shall be without prejudice to Company's right to levy compensation under the relevant clause of the contract.

The contractor shall however use his best efforts to prevent or make good the delay by putting his endeavors constantly as may e reasonably required of him to the satisfaction of the Engineer in charge.

Material Supply & other facilities :-

[7.1] The company does not undertake any responsibility for supply of any materials to the contractor.

[8] **Quality Assurance – Materials and workmanship** :-

The contractor shall carry out and complete the work in every respect in accordance with the contract and shall ensure that the work conforms strictly to the drawings, specifications, instructions of the Engineer In Charge. The Engineer In-charge may issue, from time to time further drawings, detailed instructions/directions in writing to the contractor. All such drawings instructions/ directions shall be consistent , with the contract documents and should be reasonably inferable there from alongwith clarification/explanations thereof, if necessary.

[8.1] For quality Assurances of all the Civil Engineering Works the norms/guidelines laid down by the company herein and elsewhere will from part of the contract for the purpose of quality of works.

[8.2] The contractor shall be responsible for correct and complete execution of the work in a workman like manner with the materials as per specification which shall be subject to the approval of the company. All work under execution in pursuance of the contract shall be open to inspection and supervision by the Engineer In charge or by his authorized representative or any other official of higher rank or any other person authorized by the company in his behalf and the contractor shall allow the same.

[8.3] All materials to be provided by the contractor shall be in conformity with the specifications/schedule of work as per the contract and the contract shall furnish proof, if so required by the Engineer in charge to his satisfaction that the materials do so comply.

[8.4] The contractor shall immediately after the award of work draw up a schedule giving dates for submission of samples as required of necessary as per the specification for approval of Engineer In-Charge who shall who shall approve, if found acceptable, promptly so that there is no delay in the progress of the work of the contractor or of the work of any of the sub-contractor.

On receipt of samples as per schedule, the Engineer In Charge shall arrange to examine/test with reasonable promptness ensuring conformity of the samples with the require specification and complying with the requirements as per contract documents keeping in view that the work shall be in accordance with the samples approved by him. The contractor shall not start bringing materials at the site unless the respective samples are approved. Materials conforming to approved samples shall only be brought to site.

Samples are to be supplied by the contractor at his own cost. The cost involved in tests shall be borne by the contractor. If any test is ordered by the Engineer In Charge which is to be carried out by any independent person or agency at any place other than the site event then the cost of materials and testing charge etc. shall be borne by the contractor. If the test shows that the materials are not in accordance with the specifications the said materials shall not be used in the work and removed from the site at contactors cost.

[8.5] The company, through the Engineer In Charge, shall have full powers to reject any materials or work due to a defect therein for not conforming to the required specification, or for materials not being of the required quality and standard or for reasons of poor workmanship or for not being in accordance with the sample approved by him. The contractor shall forthwith remedy the defect/replace the materials at his expense and no further work shall be done pending such rectification/replacement of materials, if so instructed by the Engineer In Charge.

In case of default on the part of the contractor, the Engineer In Charge shall be at liberty to procure the proper materials for replacement and or to carry out the rectifications in any manner considered advisable under the circumstances and the entire cost & delay for such procurement/rectification shall be borne by the contractor.

[8.6] The Engineer In Charge shall be entitled to have tests carried out for any materials, according to the standard practice followed for such tests, other then those for which satisfactory proof has already been furnished by the contractor who shall provide at his expense all facilities which to Engineer In Charge may require for the purpose.

The cost of any other tests, if so required by the Engineer In Charge, shall be borne by the contractor only, if the test shows the workmanship or materials not to be in accordance with the provision o the contract or the instruction of Engineer In Charge, but otherwise by the company.

[8.7] Access to the works. The Engineer In Charge and any person authorized by the company shall at all ties have access to the works and to all workshops and places where work is being prepared or from where materials, manufactured articles are being obtained for the works and the contractor shall afford every facility for and every assistance in or in obtaining the right to such access.

[8.8] **Inspection of works** :-

(i) No work shall be covered up or put out of view without the approval of the Engineer In Charge or the Engineer In Charge's representative or any other officer nominated by the company for the purpose and the contractor shall afford full opportunity for the EIC or EIC's representative or any other officer nominated by the company for the purpose to examine and measure any work which is about to be covered up or put out of view and to examine foundations before permanent work is placed thereon , the contractor shall give due notice to the Engineer In Charge's representative whenever any such work or foundations is ready or about to be ready for examination and the Engineer In Charge's representative shall, without unreasonable delay, unless he considers it unnecessary and advises the contractor accordingly, attend for the purpose of examining and measuring such work or foundation.

(ii) The contractor shall uncover any part or parts of the works or making openings in or through the same as the Engineer In Charge may from time to time direct and shall reinstate and make goods such part or parts to the satisfactions of Engineer In Charge

If any such part or parts have been covered up or put out of view after compliance with the requirement of subclause above and are found to be executed in accordance with the contract, the expenses of uncovering, making openings in or through and making good the same shall be borne by the Employer, but in any other cases all costs shall be borne by the contractor.

[8.9] **Removal of Improper Work and Materials :-**

[i] the Engineer In Charge shall during the progress of the works have power to order in writing from time to time.

(a) The removal from the site, of any materials which in the opinion of Engineer In Charge, are not in accordance with the contract/work order/approved sample.

(b) The substitution with proper and suitable materials.

(c) The removal and proper re-execution, not with standing any previous lost thereof or interim payment there form , of any work which in respect of materials or workmanship is not in accordance with the contract.

[ii] In case of default on the part of the contractor in carrying out such order, the Engineer In Charge shall be entitled to employ and pay other agency to carry out the same and all expenses consequent thereon shall be recoverable from the contractor or may be deducted from any amount due or which may become due to the contractor.

[8.10] **Devaluation of Work** :- In lieu of rejecting work done or materials supplied not in conformity with the contract/work order/approved samples, the Engineer In Charge or any other officer nominated by the company for the purpose may allow such work or materials to remain, provide the Engineer In Charge/the Officer nominated by the companies satisfied with the quality of any materials, or the strength and structural safety of the work, and in that case shall make such deduction for the difference in value, as in his opinion may be reasonable.

[8.11] Final Inspection of work :- The Engineer In Charge and any other officer nominated by the company for the purpose shall make final inspection of all work included in the contract/work order, or any portion thereof , or any completed structure forming part of

the work of the contract, as soon as practicable after notification by the contractor that the work is completed and ready for acceptance. If the work is not acceptable to the Engineer In Charge at the time of such inspection, he shall inform the contractor in writing as to the particular defects to be remedied before final acceptance can be made.

[8.12] Defects appearing after acceptance :- Any defects which may appear within the defect livability period and arising, in the opinion of the Engineer In Charge from lack of conformance with the drawings and specifications, shall, if so required by the Engineer In Charge in writing, be remedied by the contractor at his own cost within the time stipulated by the Engineer In Charge. If the contract fails to comply, Engineer In Charge may employee other persons to remedy the defects and recover the cost thereof from the dues of the contractor.

[8.13] Site Order Book :- A Site Order Book is a register duly certified by the Engineer In Charge regarding number of pages it contains, each page being numbered, name of work, name of contractor , reference of contract/work order and the aforesaid certificate should be recorded on its first page.

Site Order Books be maintained on the sites of works and should never be removed therefrom under nay circumstances. It shall be the property of the company. The Engineer In Charge or his authorized representative shall duly record his observations regarding and work which needs action on the part of the contractor like, improvement in the quality of work, failure to adhere to the scheduled programme etc. as per contract/work order. The contractor shall promptly sign the site order book and note the orders given therein by the EIC or his representative and comply with them. The compliance shall be reported by the contractor in writing to EIC in time so that it can be checked.

The Site Order Book will be consulted by the Engineer In Charge at the time of making both running on account and final bills of the contractor. A certificate to this effect should be given in the Measurement books by the Engineer In Charge or his representative.

[8.14] Samples and testing of Materials :- all the materials to be procured by the contractor and to be used in work shall be approved by the Engineer In Charge in advance, and shall pass the tests and analysis required by him, which will be as specified the specifications of the items concerned and or as specified by BIS or the IRC standard specifications the specifications of the items concerned and or as specified by BIS or the IRC standard specifications acceptable to the Engineer In Charge. The method of sampling and testing shall be as per the relevant BIS. IRC and other relevant standards and practices. Minor minerals like sand, stone chips etc. shall be conforming to relevant BIS standards. All bought out items including Cement and Steel shall be procured from such manufactures who hold valid license conforming to relevant BIS standards for manufacturing of such items.

[8.15] Storage of Materials :- Materials shall be so stored as to ensure the preservation of the quality and fitness for the work when considered necessary by the Engineer In Charge, they shall be placed on wooden platforms or other hard, clean surfaces and not directly on the ground.

Materials shall be placed under cover when so directed and the contractor shall erect and maintain at his own cost temporary weather proof sheds at the work site for the purpose. Stored materials shall be so located as to facilitate prompt inspection. All stored materials shall be inspected at the time of use in the work, even though they may have been inspected and approved before being placed in storage or during storage.

[8.16] **Defective Materials** :- All materials not conforming to the requirements of the specifications shall be considered as defective, and all such materials , whether in place or not shall be rejected. They shall be removed immediately by the contractor at his expenses and replaced with acceptable material.

No rejected material, the defects of which have been subsequently corrected , shall be used on the work until approval in writing has been given by the Engineer In Charge. Upon failure on the part of the contractor to comply with any instruction of the Engineer In Charge made under the provisions of this article within the time stipulated by the Engineer In Charge, the Engineer In Charge shall have authority to remove and replace defective material and recover the cost of removal and replacement from the contractor.

Further all such defective material lying at site not removed and replaced within 30 days after issue of notice by the Engineer In Charge, if the Engineer In Charge so decides, shall dispose off such material in any manner without any further written notice to the contractor.

[9] **Measurement and Payments** :-

Except where any general or detailed description of the work in the Bill of quantities or specifications of the contract/work order provides otherwise, measurement of work done shall be taken in accordance with the relevant standard method of measurement published by the Bureau of Indian Standards (BIS) and if not covered by the above, other relevant Standards/practices shall be followed as pre instructions of the Engineer In Charge.

[9.1] All items of work carried out by the contractor in accordance with the provision of the contract having a financial value shall be entered in the Measurement Book as prescribed by the company so that a complete financial value shall be entered in the Measurement Book as prescribed by the company so that a complete record of the measurements is available for all the works executed under the company so that a complete record of the measurements is available for all the works execute under the contract and the value of the work executed can be ascertained and determined therefrom. Measurements of completed work/portion of completed work shall be recorded only in the Measurement Books.

[9.2] Measurement shall be taken jointly by the Engineer In Charge or his authorized representative and by the contractor or his authorized representative.

[9.3] Before taking measurements of any work, the Engineer In Charge or the person deputed by him for the purpose shall intimate the contractor to attend or to send his representative to attend the measurement Every measurement thus taken shall be signed and dated by both the site on completion of the measurement. If the contractor objects to any measurements, a note to that effect shall be made in the Measurement Book/Log Book and signed and dated by both the parties.

[9.4] the measurement of the portion of work/items of work objected to shall be re-measured the Engineer In Charge himself or the authority nominated by the company for the purpose in the presence of the contractor or his authorized representative and recorded in the M.B. which shall be signed and dated by both the parties Measurements so recorded shall be final and binding upon the contractor and no claim whatsoever shall thereafter be entertained.

In case the contractor or his authorized representative does not attend to the joint measurement at the prefixed date and time after due notice, the measurements taken by the Engineer In Charge or his representative shall be final and binding on the contractor.

Measurement of the extra items of work or excess quantities of work duty authorized in writing by the Engineer in Charge shall also be taken and recorded in the M.B. based on the existing items in the SOR of the company and if such items do not exist in the company's SOR the description of the work shall be as per actual execution Payment for such extra items will be based on the rates to be derived as described in the relevant clauses of the contract/work order.

[9.5] No work shall be covered up or put out of view without the approval by the Engineer In Charge and recording of measurements and check measurement thereof duly accepted by the contractor. The contractor shall provide full opportunity to the Engineer In Charge or his representative to examine and measure all works to be covered up and to examine the foundations before covering up.

The contractor shall also give notice to Engineer In Charge whenever such works or foundation are ready for examination and the Engineer In Charge shall without unreasonable delay arrange to inspect and to record the measurements if the work is acceptable and advise the contractor regarding of such works or foundations.

[9.6] In case of items which are claimed by the contractor but are not admissible according to the department, measurements of such items, will be taken by for record purposes only and without prejudice so that in case it is subsequently decided by the department to admit the contractor's claims, there should be no difficulty in determining the quantities of such work. A suitable remark should however, be made against such measurements to guard against payment in the ordinary way.

[9.7] Payments the running on account payments may be made once in a month or at intervals stipulated in the work order/contract agreement.

[9.7.1] Running on account bill/bills for the work executed/materials supplied in accordance with the work order/contract shall be prepared on the basis of detailed measurements recorded as described hereinbefore and processed for payments.

[9.7.2] Payment of on account bill shall be made on the Engineer In Charge's certifying the sum to which the contractor is considered entitled by way or interim payment for the following.

(a) The work executed as covered by the bill/bills after deducting the amount already paid the security deposit and such other amounts as may be deductible or recoverable in terms of work order/contract.

(b) [i] Payment for excess quantity of work done with the written instructions of the Engineer In Charge for terms already appearing in the bill of quantities of work with approved rates, will be made alongwith the on account bills only upto 10% of the quantity provided in the agreement subject to overall value of work not exceeding the agreement value.

[ii] The CGM(Civil)/GM(Civil/CE(Civil) of the company and/or the staff officer © of the Area may authorize interim payment for excess work done upto 20% of the quantity of work provided in the Bill of Quantity of the work awarded from company level and Area level respectively subject to overall value of work done does not exceed the contract value.

(c) Extra items of work executed will be paid on specific written authorization of CGM(Civil)/GM(Civil/CE(Civil) of the company or Staff Officer (Civil) of the Area provided that the value of such extra items of work when added together is not more than 10% of the contract value and the total gross payment including excess quantity does not exceed the contract value.

Balance amount on account of excess quantity and extra items of work executed shall be paid after the deviation estimate/revised estimate regularizing the extra items and excess quantities of work is sanctioned by the competent authority of the company with the concurrence of the Finance Department of the company.

(d) On the Engineer In-Charge's certificate of completion in respect of the work covered by the contract/final measurements of the work certified by the Engineer In-Charge or his representative.

[9.7.3] The measurements shall be entered in the M.B. for the done upto the date of completion and evaluated based on the approved rates for the items in the contract agreement/sanctioned revised estimate. In case of extra items of work, , the rates shall be derived as stated in the relevant clause of the contract.

The payments shall be released against the final bill subject to all deductions which may be made on account of materials supplied, water supply for construction, supply of electricity and any other dues payable by the contractor to the company and further subject to the contractor having given to the Engineer In-Charge a no claim certificate.

The contractor shall indemnify the company against proof of depositing royality on account of minor minerals used in the work before the final bill is processed for payments. The final payment to be made will also be subject to Clause-4.5 of the General Terms & conditions of the contract.

[9.7.4] Any certificate given by the Engineer In-Charge for the purpose of payment of interim bill/bills shall not of itself be conclusive evidence that any work/materials to which it relate is/are in accordance with contract and may be modified or corrected by the Engineer In-Charge by any subsequent certificate or by the final certificate.

[9.7.5] The company reserve the right to recover/enforce recover of any over payments detected after the payment as a result of post payment audit or technical examination or by any other means, not withstanding the fact that the amount of disputed claims, if any, of the contractor exceeds the amount of such overpayment and irrespective of the facts whether such disputed claims of the contractor are the subject matter of arbitration or not.

The amount of such over payments shall be recovered form subsequent bills under the contract, failing that from contractor's claim under any other contract with the company or form the contractor's security deposit or the contractor shall pay the amount of over payment on demand in case of contractor's non-payment on such demand, the same should be realized from the contractor's dues, if any, with Coal India Limited or any of it's subsidiaries.

[9.7.6] The contractors are required to execute all works satisfactorily and according to the specifications laid down in the contract/work order. If certain items of work, executed by the contractor, are below specifications, the contractor should re-do them according to the specifications and instructions of EIC and if the contractor fails to rectify the defect within the time and in the manner specified by the EIC, the work shall be got redone or rectified by the department at the risk and cost of the contractor. Engineer In-Charge may accept such work of below specifications provided the department is satisfied with the quality of such works and the strength/structural safety of such works. In that case Engineer In-Charge shall make such deductions for the difference in value, as in his opinion is reasonable and approved by the accepting authority of the company i.e. CGM(C)/GM(C)/C.E(C) of the company in this case or any other officer nominated by CGM(C)/GM(C)/CE(C) FOR THE PURPOSE.

[9.7.7] Payment Stage :- The payment stage involved will be as under :-

[i] signature of EA(Civil)/Sr. Overseer©/Overseeer(C) in MB's both in pages recording measurements, abstract of bill & the duly filled in bill form.

[ii] Signature of Engineer (C)/EE(C) with appropriate check measurements in the MB's and the bill form.

[iii] Signature of Sr. EE(C)/Se(C) with appropriate check measurement in MB's and the bill form.

[iv] Signature of Engineer In-Charge as per definition as at clause 1 (viii) of the General Terms and conditions, as a token of acceptance for payment of the Bill. The EIC may sign in the abstract of the bill in the MB & the bill form. In between stage (iii) and (iv) accountal checking may be made by the concerned Accounts Officer/Accountant.

[9.8] Income Tax deduction @ 2% (two percent) of the gross value of each bill or at the rate as amended from time to time, shall be made unless exempted by the competent authority of the Income Tax Department.

Sales Tax on works contract shall be payable by the contractor, if, however, the company is asked to make deduction from the contactor's bills, the same shall be done and a certificate to this effect shall be issued to the contractor for dealing with the state Govt. and the company does not take any responsibility to do anything further in this regard.

[9.9] No interest shall be payable on the amounts with held, under the terms of the Contract Agreement/Work order.

[10] Termination, Cancellation, Suspension and Foreclosure of Contract :-

The company shall in addition to other remedial steps to be taken as provided in the conditions of contract be entitled to cancel the contract in full or in part, if the contractor :-

(a) Makes default in proceeding with the works with due diligences and continues to do so even after a notice in writing from the Engineer In-Charge, then on the expiry of the period as specified in the notice. OR

(b) Commits default/breach in complying with any of the terms and conditions of the contract and does not remedy it or fails to take effective steps for the remedy to the satisfaction of the Engineer In-Charge, then on the expiry of the period as may be specified by the Engineer In-Charge in notice in writing.

OR

(c) Obtains a contract with the company as a result of ring tendering or other non-bonafide methods of competitive tendering.

OR

(d) Shall offer or give or agree to give any person in the service of the company or to any other person on his behalf any gift or consideration of any kind as an inducement or reward for act/acts of favour in relation to the obtaining or execution of this or any other contact for his company.

OR

(e) Fails to complete the work or items of work with individual dates of completion, on or before the date/dates of completion or as extended by the company, then on the expiry of the period as may be specified by the Engineer In-Charge in a notice in writing.

OR

(f) Transfer, sublets, assigns the entire work or any portion thereof without the prior approval in writing from the Engineer In-Charge. The Engineer In-Charge may by giving a written notice cancel the whole contract or portion of it in default.

[10.1] The contract shall also stand terminated under any of the following circumstances:-

(a) If the contactor being an individual in the case of proprietary concern or in the case of a partnership firm any of its partners is declared insolvent under the provisions of insolvency Act for the time being in force, or makes any conveyance or assignment of his effects or composition or arrangement for the benefit of his creditors amounting to proceedings for liquidation or composition under any Insolvency Act.

(b) In the case of the contractor being a company, its affairs are under liquidation either by a resolution passed by the contractors company or by the order of court, not being a voluntary liquidation proceedings for the purpose of amalgamation or reorganization or a receiver or manager is appointed by the court on the application by the debenture holders of the contractor's company if any.

(c) If the contractor shall an execution being levied on his/their goods, estates and allow it to be continued for a period of 21 (twenty one) days.

(d) On the death of the contractor being a proprietary concern or of any of the partners in the case of a partnership concern and the company is not satisfied that the legal representative of the deceased proprietor or the other surviving partners of the partnership concern are capable of carrying out and completing the contract. The decision of the company in this respect shall be final and binding which is to be intimated in writing to the legal representative or to the partnership concern.

[10.2] On cancellation of the contract or on termination of the contract, the Engineer In-Charge shall have powers :-

(a) To take possession of the site and any materials, constructional plant, equipments, stores, etc, thereon.

(b) To carry out the in complete work by any means at the risk and cost of the contractor.

(c) To determine the amount to be recovered from the contractor for completing the remaining work or in the event the remaining work is not be completed the loss/damage suffered , if any, by the company after giving credit for the value of the work executed by the contractor upto the time cancellation less on a/c payments made till date and value of contactor's materials, plant, equipments, etc. taken possession of after cancellation.

(d) To recover the amount determined as above, if any, from any money due to the contractor on any account or under any other contract and in the event of any shortfall , the contractor shall be called, upon to pay the same on demand. The need for determination of the amount of recovery of any extra const/expenditure or of any loss/damage suffered by the company shall not however arise in the case of termination of the contract for death/demise of the contractor as stated in clause 10.1 (d) of the contract.

(e) To give the contractor or his representative of the work 7 (seven) days notice in writing for taking final measurement for the works executed till the date of cancellation or termination of the contract. The Engineer In-Charge shall fix the time for taking such final measurement and intimate the contractor in writing. The final measurement shall be carried out at the said appointed time not with standing whether the contractor is present or not. Any claim as regards measurement which the contractor is to make shall be made in writing within 7 (seven) days of taking final measurement by Engineer In-Charge as aforesaid and if no such claim is received, the contractor shall be deemed to have waived all claims regarding above measurement and any claim made thereafter shall not be entertained.

[10.3] Suspension Work :-

[i] The company shall have power to suspend the work or any part thereof and the Engineer In-Charge may direct the contractor in writing to suspend the work, for such period and in such manner as may be specified therein, on account of any default on the part of the contractor, or for proper execution of the work for reasons other than any default on part of he contactor, or on ground of safety of the work.

[ii] In the event of suspension for reasons other than any default on the part of the contractor, extension of time shall be allowed by the company equal to the period of such suspension and the contactor shall properly protect and secure the works to the extent necessary during such suspension.

The contractor shall carry out the instructions given in this respect by the Engineer In-Charge & if such suspension exceeds 45(forty five) days, the contractor will be compensated on mutually agreed terms.

[10.4] The work shall, throughout the stimulated period of contract, be carried out with all due diligence on the part of the contractor. In the event of termination or suspension of the contract, on account of default on the part of the contractor, as narrated here in before, the security deposit and other dues of this work or any other work done under this company shall be forfeited and brought under the absolute disposal of the company provided, that the amount so forfeited shall not exceed 10(ten) percent of the contact value.

[10.5] Foreclosure of Contract :-

If at any time after acceptance of the tender the company decides to abandon for any reason whatsoever the company, through its Engineer In-Charge, shall give notice in writing to that effect to the contractor. In the event of abandonment the company shall be liable :-

(a) To pay reasonable amount assessed and certified by the Engineer In-Charge of the expenditure incurred, if any, by the contractor on preliminary works at site e.g. temporary access road, temporary construction for labour and staff quarters, office accommodation, storage of materials, water storage tanks and water supply for the work including supply to labour/staff quarters, office etc.

(b) To pay the contractor at the contract rates full amount for works executed and measured at site upto the date of such abandonment.

(c) To pay for the materials brought to site or to be delivered at site, which the contractor is legally liable to pay, for the purpose of consumption and cost of delivery of such materials. The materials to be taken over by the company should be in good condition and the company may allow at its discretion the contactor to retain the materials in full or in part if so desired by him and to be transported by the contractor from site to his place at his own cost with due permission of the EIC.

(d) To take back the materials issued by the company but remaining unused, if any, in the work on the date of abandonment/education in the work , at the original issue price less allowance for any deterioration or damage caused while in custody of the contractor.

(e) To pay for the transportation of tools and plants of the contractor from site to contractor’s place or to any other destination, whichever is less.

[10.5.1] The contractor shall, if required by the Engineer In-Charge, furnish to him books of accounts, papers, relevant, documents as may be necessary to enable the Engineer In-Charge to assess the amounts payable in terms of clauses 10.5 (b) (C) & (E) of he contact. The contractor shall not have any claim for compensation for abandonment of the work, other than those as specified above.

[11] Completion Certificate/Defect Liability Certificate :-

Except in cases where the contract provides for "Performance Test" before issue of Defect Liability Certificate, in which case the issue of Defect Liability certificate shall be in accordance with the procedure specified therein, the contractor shall give notice of completion of work, as soon as the work is completed, to the Engineer In-Charge. The Engineer In-Charge and or any other Officer, nominated for the purpose by the company, shall within 30(thirty) days from the receipt thereof, inspect the work and ascertain the defects/deficiencies, if any, to be rectified by the contractor as also the items, if any, for which payment shall be made at reduced rate.

If the defects according to the Engineer In-Charge are of a major nature and the rectification of which is necessary for the satisfactory performance of the contract, he shall intimate in writing the defects and instruct the contractor to rectify the defects remove deficiencies within the period and in the manner to be specified therein in such cases Defect Liability certificate will be issued by the EIC after the above rectifications are carried out deficiencies are removed by the contractor to the satisfaction of EIC.

In the event there are no defects or the defects/deficiencies are a minor nature and the Engineer In-Charge is satisfied that the contractor has already made arrangements for rectification, or in the event of contractor's future to rectify the defects for any reason whatsoever, the defects can be rectified by the company departmentally or by other means and the 50% of the security deposit of the contractor shall be sufficient to cover the cost thereof, he shall issue the defect Liability Certificate (Taking Over typical with list of defects) indicating the date of completion of the work, defects to be rectified, if any and the items, if any for which payment shall be made at reduced rate indicating reasons thereof and with necessary instructions to the contractor to clear the site/place of work or all debris /waste materials, scaffolding , sheds surplus, materials etc making it clean.

[11.1] In cases where separate period of completions for certain items or group of items are specified in the contact, separate defect Liability certificate for such items or groups of items may be issued by the Engineer In-Charge after completion of such items, on receipt of notice from the contractor only in the event the work is completed satisfactorily in every respect.

Refund of security deposits and payment of final bill shall, however, be made on completion of he entire work, but not on completion of such items of work.

[12] Additional Responsibilities of the Contractor(s) :
The cost on account of the "Additional responsibilities of the Contractors" under this clause is deemed to be included in the tendered rates.

[i] The company reserves the right to let other contractors also works in connection with the Project and the contractor /contractors shall co-operate in the works for the introduction and stores and materials and execution of his/their works.

[ii] The contractor/contractors shall keep on the work site during the progress a competent and experienced Resident Engineer exclusively for the work and necessary assistants who shall represent the contractor(s).

The contractor shall intimate the Engineer In-Charge in writing the names, qualifications, experiences and full postal address of each and every technical personnel employed at site by him.

The contractor shall not be allowed to execute the work unless he/they engage the required technical shall at site as stated above. The delay on this account, if any shall be the contactor's responsibility.

Important instructions shall be confirmed to the contractor(s) in writing, If the contractor/contractors in course of the works finds/find any discrepancy between the drawing, forming part of the contract documents and the physical conditions of the locality or any errors or omissions in drawings except these prepared by himself/themselves and not approved by the Engineer In-Charge. It shall be his/their duty to immediately inform the Engineer In-Charge in writing and the Engineer In-Charge shall verify the same. Any work done after such discovery and without intimation as indicated above will be done at risk of the contractor/contractors.

[iii] The contractor /contractors shall employ only competent, skillful and orderly men to do the work. The Engineer In-Charge shall have the right to ask the contractor/contractors to remove form the work site any men of the contractor/contractors who in his opinion is undesirable and the contractor/contractors will have to remove him within 3 (three) hours of such orders.

The contractor shall employ apprentices in the execution of the contract work as required under Apprentices Act.

The contractor shall further be responsible for making arrangements at his own cost, or accommodation and social, needs of the staff and workers under his employment.

[iv] Precaution shall be exercised at all times by the contractor(s) for the protection of persons (including employees) and property. The safety required or recommended by all applicable laws, codes statutes and regulations shall be observed by the contractor(s). In case of accidents, the contractor(s) shall be responsible for compliance with all the requirements imposed by the Workmen's compensation Act or any other similar laws enforce and the contractor(s) shall indemnify the company against any claim on this account.

All scaffoldings, ladders and such other structures which the workmen are likely to use shall be examined by the Engineer In-Charge or his authorized representative whenever they want and the structure must be strong durable and safe and of such design as required by Engineer In-Charge

In no case any structure condemned by the Engineer In-Charge or his authorized representatives shall be kept on the work and such structure must be pulled down within three hours of such condemnation and any certificate or instructions, however, shall in no way absolve the contractor/contactors from his/their responsibility, as an employer, as the company shall in no way be responsible for any claim.

The contractor/contractors shall at all times exercises reasonable precautions for the safety of employees in the performance of his/their contract and shall comply with all applicable provisions of the safety laws drawn up by the Sate Govt. or Central Govt. or Municipalities and other authorities in India. The contractor/Contractors shall comply with the provision of the safety hand book as approved and amended from time to time by the government of India.

[v] The contractor/Contactors shall familiarize themselves with and be governed by all laws and rules of India and Local statutes and orders and regulations applicable to his/their work.

[vi] The contractor shall maintain all records as per the provision made in the various statutes including contract Labour (Regulation & Abolition) Act, 1970 and the Contract Labour (Regulation & Abolition) Central rules 1971 Minimum Wages At, Workmen Compensation Act etc. and latest amendment thereof. Such records maintained by the contractor shall be opened for inspection by the Engineer In-Charge or by the nominated representatives of the Principal Employer.

[vii] The contractor/contractors shall provide facilities for the sanitary necessities of all persons employed on the work shall be constructed and maintained in the number, manner and place approved or ordered or by the Engineer In-Charge. The contractor/contractor shall vigorously prohibit committing of nuisance at any other place. Cost of all works under this item shall be covered by the contractor/contractors tendered rates.

[viii] The contractor/contractors shall furnish to the Engineer In-Charge or his authorized representatives with work reports from time to time regarding the contractor/contractors organization and the progress made by him/them in the execution of the work as per the contract.

[ix] All taxes levies, cess royalities, whether local, municipal provincial or central pertaining to the contract are payable during the entire periods of contract, , shall be to the contractor/contractors account and shall be deemed to have been included in the contacted rate for the work to be executed by the contractor. The Company shall not be liable for any taxes or levies etc. whatsoever in connection with this contract.

The company reserves the right to deduct/withheld any amount towards taxes, levies etc, and to deal with such amount in terms of the provisions of the Statute or in terms of the direction of any Statutory authority and the company shall only provide with certificate towards such deduction and shall not be responsible for any reason whatsoever.

In case the company land is used for manufacture of bricks or extraction of gravels etc. the contractor will have to pay compensation to the company (apart from the liability of the contractor to make the payment of royalty et. To the State Government) at the same rates or royalty fixed by the State Govt. or an appropriate deduction may be made in the rate to be paid to the contractors.

[x] The contractor/contactors shall make his/their own arrangement for all materials, tools, staff and labourer required for the contract, which shall include cost of lead lift, loading, unloading, railway freight, recruiting expenses and any other charges for the completion of the work to entire satisfaction of the company.

[xi] The contractor/contractors shall make their own arrangement for carriage of all materials to the work site at his/their own cost.

[xii] The work shall not be sublet to any other party, unless approved by Engineer In-Charge in writing.

[xiii] (a) No fruit trees or valuable plants or trees with trunk diameter exceeding 150mm shall be pulled destroyed or damaged by the contractor/contactors or any of his/their employees without the prior permission of the company failing which the cost of such trees or plants shall be deducted from the contractor/contactors dues at the rate to be decided by the company. The rates quoted are supposed to include clearance of shrubs and jungles and removal of such trees upto 150mm dia. As will be permitted by the Engineer In-Charge in writing.

(c) Anything of historical or other interest or of significant value unexpectedly discovered on the site is the property of the employer. The Contractor is to notify the Nodal Officer or his nominee of such discoveries and carry out the Nodal Officer or his nominees instructions for dealing with him.

[xiv] The contractor/contractors shall not pay less than the minimum wages to the labourers engaged by him/them as per Minimum Wages Act or such other legislation or ward of the minimum wages fixed by the respective State Govt. or Central Govt. as may be in force.

[xv] All accounts shall be maintained properly and the company shall have the right of access and inspection of all such books of accounts etc. relating to payment of labouers considered necessary and the company may arrange for witnessing the payment to the labourers by its representatives .

[xvi] The contactor shall in additional to any indemnity provided by he relevant clauses of the agreement or by law indemnify and keep indemnified for the following :-

(a) The company or any agent or employee of the company against any action, claim or proceeding relating to infringement or use of any patent or design right shall pay any royalities or other charges which may be payable in respect of any article or materials included in the contract.

However, the amount so paid shall be reimbursed by the company in event such infringement has taken place in complying with the specific directions issued by the company or the use of such articles or material was the result of any drawing and/or specifications issued by the company after submission of tender by the contractor. The contractor must notify immediately after any claim being made or any action brought against the company, or any agent or employment of company in respect of any such matter.

(b) The company against all claims, damages or compensation under the provisions of payment of Wages Act, 1938, Minimum Wages Act, 1948, Employer's Liability Act, 1938. The Workmen's Compensation Act, 1923, Industrial Dispute Act 1947, Mines Act as applicable, Employees State Insurance Act, 1948 and Maternity benefit Act, 1961, Acts regulating P.F. or any modification thereof or other law relating thereto and rules made there under from time to time as may be applicable to the contract which may arise out of or in consequence of the construction or maintenance or performance of the work under the contract and also against costs, charges and expenses of any suit, action or proceedings arising out of any accident or injury.

(c) The company against all losses and claims for injuries or damages to any third party or to any property belonging to any third party which may arise out of or in consequence of the construction or maintenance or performance of the work under the contract and against all claims/ demands proceedings/damages, cost charges and expenses whatsoever in respect of or in relation thereto.

[xvii] The contract is under obligation to hand over claims to the company the vacant possession of the completed building structures failing which the Engineer In Charge can impose a levy upon the contractor upto 5% of the total contract value for the delay in handing over the vacant possession of the completed works after giving a 15 (fifteen) days notice to the contractor.

[xix] Setting Out :- The contractor shall be responsible for the contract and proper setting out of the works and correctness of the position, reduced level, dimensions and alignment of all parts of the work including marking out the correct lay out reference to the permanent bench mark and reference points. Only one permanent bench mark and basic reference lines shall be marked and shown to the contractor as basic data.

The contractor shall have all necessary instruments, appliances and labour in connection therewith. If at any time during the progress of work any error is defected in respect of the position, levels, dimensions or alignment of any part of the work the contractor on being required to do so by the Engineer In Charge or his representative shall at the expenses of the contractor rectify such errors to the satisfaction of Engineer In Charge unless such error is due to incorrect data supplied by the Engineer In Charge.

[xx] On receipt of Letter of Acceptance of Tender/Work Order the contractor shall forthwith Register and obtain License from the competent authority under the Contract Labour (Regulation & Abolition) Act, 1970, the Contract Labour (Regulation & Abolition) Central Rules, 1971 and submit certified copies of the same to the Engineer In Charge and the Principal Employer.

[xxi] The contractor shall be registered with the concerned State Govt. and the Central Govt. in respect of Sales Tax Act and the certificate having details of Registration No. period of validity etc. should be submitted to the Engineer In Charge.

[xxii] The contractor shall, in connection with works, provide and maintain, at his own cost, all lights, security guards, fencing when and where necessary as required by the Engineer In Charge for the purpose of protection of the works, materials at site, safety of workmen and convenience of the public.

[xxiii] All materials (e.g. stone, moorum and other materials) obtained in the course of execution of the work during excavation and dismantling etc. shall be the property of the company and the same may be issued to the contractors, if required for use in the works at the rates to be fixed by the Engineer In Charge.

[xxiv] Unless otherwise specifically provided for, dewatering of excavation pits, working areas etc. shall be the contractor's responsibility and is to be carried out at his own cost as per instructions of EIC. The rates quoted by the contractor shall be deemed to include the dewatering costs.

[xxv] Approval by the Nodal Officer/ Engineer In Charge or his nominee :- The contractor shall submit specifications and drawings showing the proposed temporary work to the Nodal Officer/ Engineer In Charge or his nominee, who is to approve them if they comply with the specifications and drawings.

The contractor shall be responsible for design of Temporary Works. The Nodal Officer/ Engineer In Charge or his nominee's approval shall not alter the contractor's responsibility for design of the Temporary Works.

[13] Defects Liability Period :-

In addition to the defect/s to be rectified by the contractor as per terms of the contract/ work order , the contractor shall be responsible to make good and remedy at his own expense the defect/s mentioned here under within such period as may be stipulated by the Engineer In Charge in writing :

(a) Any defect/defects in the work detected by the Engineer In Charge within a period of 6 (six) months from the date of issue of Defect Liability certificate/completion certificate.

(b) In the case of building works or other works of similar nature any defect in the work detected by the Engineer In Charge within a period of 6(six) months from the date of issue of Defect Liability certificate/completion certificate or before the expiry of one full monsoon period i.e. June, to October whichever is later in point of time.

[13.1] A programme shall be drawn by the contractor and the Engineer In Charge for carrying out the defects by the contractor detected within the defect liability period and if the contractor fails to adhere to this programme., the Engineer In Charge shall be at liberty to procure proper materials and carry out the rectifications in any manner considered advisable under the circumstances and the cost of such procurement of materials and rectification work shall be chargeable to the contractor and recoverable from any of the pending dues of the contractors.

The defect liability period can be extended by the company on getting request from the contractor only for valid reasons.

There will no defect liability period for works like Grass Cutting, Jungle Cutting, Surface Dressing & any other work of similar nature to be decided by the Engineer In Charge.

[15] Settlement of Disputes/Arbitration :

[15.1] It is incumbent upon the contractor to avoid litigation and disputes during the course of execution. However if such disputes take place between the contractor and the department, effort shall be made first to settle the disputes at the company level.

The contractor should make request in writing to the Engineer In Charge for settlement of such disputes/claims within 30(thirty) days of arising of the cause of dispute/claim failing which no disputes/claims of the contractor shall be entertained by the company.

[15.2] If differences still persist, the settlement of the dispute with Govt. Agencies shall be dealt with as per the Guidelines issued by the Ministry of Finance, Govt. of India in this regard. In case of parties other than Govt. Agencies, the redressal of the dispute may be sought in the Court of Law.

ANNEXURE –VI

PROFORMA FOR AFFIDAVIT TO BE SUBMITTED BY THE TENDER

Non Judicial Stamp Paper

AFFIDAVIT

I, _____, Partner/Legal Attorney/Accredited Representative of M/S. _____, solemnly declare that :-

[1] We are submitting Tender for the work _____ _____ against Tender Notice No._____ dated _____.

[2] none the Partners of our firm is relative of employee of _____ (Name of the Company).

[3] All information furnished by us in respect of fulfillment of eligibility criteria and qualification information of this Tender is complete, correct and true.

[4] All documents/credentials submitted along with this Tender are genuine , authentic, true and valid.

[5] If any information and document submitted is found to be false/incorrect any time, department may cancel my Tender and action as deemed fit may be taken against us, including termination of the contract, forfeiture of all dues including Earnest Money and banning/deli-sting of our firm and all partners of the firm etc.

Signature of the Tender

Dated :_____

Seal of Notary

Bill of Quantity for the work of "Construction of sub-station at new 7/8 incline of Mudidih Colliery"

Sl. No.	Particulars of the work	Unit of Qnty.	Quanity	Rate	Amount (in Rs.)
1.	Earth work in excavation foundation trenches or drains (not exceeding 1.5m in width or 10 sqm on plan) including dressing of sides and ramming of bottoms, lift upto 1.5m including getting out the excavated soil and disposal of surplus excavated soil as directed, within a lead of 50m. a) All kinds of soil.	m^3	85.10	93.55	7961.10
2.	Supplying and filling in plinth with Jamuna sand under floors including, watering, ramming consolidating and dressing complete.	m^3	13.20	213.30	2875.56
3.	Providing and laying in position cement concrete of specified grade excluding the cost of centering and shuttering. All work upto plinth level. i) 1:4:8 (1 cement : 4 coarse sand : 8 graded stone aggregate 40mm nominal size)	m^3	11.40	1404.70	16013.58
4.	Brick work with F.P.S. bricks of class designation 50 in foundation and plinth in Cement mortar 1:6 (1cement : 6 coarse sand)	m^3	49.95	1302.36	65052.88
5.	Providing and laying damp roof course 40mm thick with cement concrete 1:2:4	m^2	13.31	84.60	846.00

	(1 cement : 2 coarse sand : 4 graded stone aggregate 12.5mm nominal size).				
6.	Reinforced cement concrete works in beams, suspended floors, roofs having slope utpo 15^0, landings, balconies, shelves, chajjas, lintels, bands, plain window sills, staircases and spiral stair cases upto floor five level excluding the cost of centring, shuttering, finishing and reinforcement with 1:2:4 (1 cement : 2 coarse sand : 4 graded stone aggregate 20mm nominal size)	m^3	0.91	2120.65	1929.79
7.	Reinforced cement concrete works in beams, suspended floors, roofs having slope utpo 15^0, landings, balconies, shelves, chajjas, lintels, bands, plain window sills, staircases and spiral stair cases upto floor five level excluding the cost of centring, shuttering, finishing and reinforcement with 1:2:4 (1 cement : 2 coarse sand : 4 graded stone aggregate 20mm nominal size)	m^3	0.96	2120.65	2035.82
8.	Reinforced cement concrete works in beams, suspended floors, roofs having slope utpo 15^0, landings, balconies, shelves, chajjas, lintels,	m^3	1.05	2120.65	2226.68

	bands, plain window sills, staircases and spiral stair cases upto floor five level excluding the cost of centring, shuttering, finishing and reinforcement with 1:2:4 (1 cement : 2 coarse sand : 4 graded stone aggregate 20mm nominal size)				
9.	Brick work with F.P.S. bricks of class designation 50 in superstructure in Cement mortar 1:6 (1cement : 6 coarse sand)	m^3	33.84	1508.76	51056.43
10.	Cement concrete flooring 1:2:4 (1cement : 2 coarse sand : 4 graded stone aggregate) finished with a floating coat of neat cement including cement slurry but excluding the cost of nosing of steps etc. complete. 50mm thick with 20mm nominal size stone aggregate.	m^2	62.58	133.60	8360.68
11.	Cement plaster skirting (upto 30cm height) with cement mortar 1:3 (1 cement : 3 coarse sand) finished with a floating coat of neat cement. 18mm thick.	m^2	14.22	104.00	1478.88
12.	12mm thick cement plaster of mix : 1:6 (1 cement : 6 fine sand)	m^2	339.50	44.00	14938.00
13.	White washing with lime to give an even shade. New work (three or more coats).	m^2	165.25	4.65	768.41
14.	Colour washing such as green, blue or buff to give	m^2	174.20	6.30	1097.46

	an even shade New work (two or more coats) with a base coat of white washing with lime.				
15.	Providing and fixing in position collapsible steel shutters with vertical channels 20x20x2mm and braced with flat iron diagonals 20x5mm size with top and bottom rail of T-iron 40x40x6mm with 40mm dia, steel pulleys complete with bolts, nuts, locking arrangement, stoppers, handles, including applying a priming coat of approved steel primer.	m^2	20.27	1609.10	32616.45
16.	Providing and fixing 1mm thick M.S. sheet door with frame of 40x40x6mm angle iron and 3mm M.S. gusset plates at the junctions and comers, all necessary fittings complete, including applying a primary coat of approved steel primer. Using M.S. angles 40x40x6mm for diagonal braces.	m^2	8.823	986.55	8802.98
17.	Providing and fixing M.S. grills or required pattern in frames of windows etc. with M.S. flats, square or round bars etc. all complete. Fixed to openings/wooden frames with rawl plugs screws etc.	Kg	120.00	37.90	4548.00
18.	Painting with synthetic enamel paint of approved brand and manufacture to	m^2	58.95	24.25	1429.53

	give an even shade Two or more coats on new work.				
19.	Providing, precast cement concrete jail 1:2:4 (1 cement : 2 coarse sand : 4 stone aggregate 6mm nominal size) reinforced with 1:6 mm dia mild steel wire including centering and shuttering, roughening cleaning, fixing and finishing in cement mortar 1:3 (1 cement : 3 fine sand) etc. complete excluding plastering of the jamns, sills and soffits. 50mm thick.	m^2	4.46	253.60	1131.05
20.	Providing, hoisting and fixing upto floor five level precast reinforced cement concrete work in string courses, bands, copings, bed plates, anchor blocks, plain window sills and the like including the cost of required centering, shuttering, finishing, smooth with 6 mm thick cement plaster 1:3 (1 cement : 3 fine sand) on exposed surfaces complete but excluding the cost of reinforcement with 1:2:4 (1 cement : 2 coarse sand : 4 graded stone aggregate 20mm nominal size).	m^3	0.98	2884.80	2827.10
21.	Providing and laying in position cement concrete of specified grade excluding the cost of centering and shuttering. All work upto	m^3	0.86	1843.00	1584.98

	plinth level. 1:2:4 (1 cement : 2 coarse sand : 4 graded stone aggregate 20mm nominal size)				
22.	Centering and shuttering including strutting, propping etc. and removal of form for : a) Lintels, beams, plinth beams, girders, bressumers and cantilevers.	m^2	32.81	87.95	2885.63
23.	Filling available excavated Earth (excluding rock) in trenches, plinth, sides of foundations etc. in layers not exceeding 20cm in depth, consolidating each deposited layer by ramming and watering, lead up to 50m and lift up to 1.5m	m^3	22.22	30.25	494.39
24.	Earth work in excavation over areas (exceeding 30cm in depth, 1.5m in width as well as 10 sqm on plan) including disposal of excavated earth, lead upto 50m and lift upto 1.5m, disposed earth to be leveled and neatly dress: All kinds of soil.	m^3	39.72	91.50	3634.38
25.	Reinforcement for RCC work including straightening, cutting, bending, placing in position and binding or complete. Cold twisted bars.	kg	270.00	21.85	5899.50
26.	Painting (one or more coats) with black japan	m^2	13.94	12.80	178.43

	paint of approved brand and manufactured to give an even shade.				
27.	Providing corrugated G.S. sheet roofing fixed with polymer coated J or L hooks, bolts and nuts 8 mm diameter with bitumen and G.I. limpet washers or G.I. limpet washers filled with white lead and including a coat of approved steel primer and two coats of approved paint on overlapping of sheets complete (upto a pitch of 60 degrees) excluding the cost of purlins, rafters and trusses. a) 0.80mm thick with zinc coating not less than 275gm/ m^2	m^2	79.00	333.95	26382.05
28.	Structural steel work in single section fixed without connecting plate including cutting, hoisting, fixing in position and applying a priming coat of approved steel primer all complete.	kg	315.00	21.95	6914.25
29.	Extra for providing and fixing wind ties of 40x6mm flat iron section.	m	46.19	39.10	1806.02
				Total (Rs.)	**277017.01**