

Draft

Coal India Limited

(A Maharatna Company)

Tender No. CIL/C2D/Cart Expl & Accs/2025-27/PreNIT Dated: 19.12.2024

Notice Inviting Tender cum e-Reverse Auction

Open Domestic Tender

Tender Document

For

Conclusion of Running Contracts (RCs) and empanelment as Reserve RC holders for a period of two years for supply of Cartridge Explosives & Accessories to all the subsidiary companies of CIL and NEC



Coal India Limited
Coal Bhawan
Premises No. 4, Action Area 1A,
New Town, Rajarhat,
Kolkata – 700156
INDIA

This Tender Document comprises the following Sections:

1	Section – I	Invitation for Bids (IFB)
2	Section – II	Instructions To Bidders (ITB)
3	Section – III	General Conditions of Contract (GCC)
4	Section – IV	Special Conditions of Contract (SCC)
5	Section – V	Schedule of Requirement (SOR)
6	Section – VI	Technical Section including Specifications
7	Section – VII	Sample Forms including LoB, Annexures & Checklist of documents to be uploaded
8	Technical Parameter Sheet (TPS) containing Commercial Parameter Sheet (CPS)	These shall be available against this tender on CIL's e-procurement portal and shall also be deemed part of this Tender Document.
9	Bill of Quantity (BoQ)	

ED (M&C)
For and on behalf of Coal India Limited

INDEX

Section I – Invitation for Bid (IFB)	1
Section II – Instruction to Bidders (ITB)	4
1. Requirements for participation in e-tenders.....	5
2. Digital Signature Certificate (DSC).....	5
3. Help for participating in e-tender.....	5
4. Communication	5
5. Cost of Bidding.....	5
6. Eligible Bidders	5
7. Procurement from Micro and Small Enterprises (MSEs)	11
8. Content of Bid / Tender Document.....	12
9. Clarification of Bid Document	13
10. Pre-Bid Conference	13
11. Language of Bid	14
12. User Portal Agreement.....	14
13. Methodology for online Submission of Bids.....	14
14. Period of Validity of Bids.....	17
15. Earnest Money Deposit	17
16. Deadline for Submission of Bids.....	19
17. Late Bids.....	19
18. Modification and Withdrawal of Bids	19
19. Purchaser’s Right to Accept or Reject any or all Bids.....	20
20. Registration under GST	20
21. Bid Prices.....	20
22. Opening of Bids by Purchaser	23
23. Techno-Commercial Evaluation of Tender	23
24. Shortfall / Confirmatory Documents	23
25. Evaluation of tender and L1 status.....	24
26. Reverse Auction	25
27. Computational Errors	27
28. Contacting the Purchaser	28
29. Distribution of quantity.....	28
30. Reserve RC.....	30
31. Quantity Variation	31
32. Supply of extra quantity.....	31

33. Award of Contract	31
34. Security Deposit	31
35. Code of Integrity for Public Procurement.....	31
36. Banning of Business	33
37. Pre-Contract Integrity Pact	34
38. Conflict of Interest.....	34
39. Anti-Cartelization	35
40. Banned or Delisted or Debarred or ‘Put on Holiday’ Suppliers	35
Section III – General Conditions of Contract (GCC).....	37
1. Definitions	38
2. Application	39
3. Standards	39
4. Use of Contract Documents and Information	39
5. Patent Rights.....	40
6. Security Deposit	40
7. Performance Bank Guarantee	41
8. Inspection and Tests	42
9. Packing and Marking.....	43
10. Delivery and Documents	44
11. Insurance.....	45
12. Transportation.....	46
13. Warranty	46
14. Payment	47
15. Changes in Order.....	47
16. Contract Amendments	48
17. Assignment	48
18. Subcontracts	48
19. Delays in the Supplier’s Performance	48
20. Liquidated Damages	48
21. Termination for Default and Breach of Contract.....	49
22. Force Majeure.....	50
23. Termination for Insolvency	51
24. Termination for Convenience	51
25. Governing Language	52
26. Taxes and Duties.....	52
27. Limitation of Liabilities.....	52
28. Dispute Resolution	52

29. Progress Reports	53
30. Provisions of CIL’s Purchase Manual	53
31. Applicable Law.....	53
32. Jurisdiction of Courts.....	53
33. Notices	54
Section IV – Special Conditions of Contract (SCC).....	55
1. Duration of contract.....	56
2. Security Deposit Bank Guarantee (SDBG).....	56
3. Performance Bank Guarantee (PBG).....	57
4. Inspection and Tests	57
5. Packing and Marking.....	58
6. Delivery and Documents	58
7. Transportation.....	58
8. Warranty	58
9. Delivery Schedule.....	59
10. Consignee	61
11. Risk Purchase	61
12. Payment terms	61
13. Price Fall Clause	61
14. Paying Authority.....	62
15. RC Prices	62
16. Lowest Price Certificate	62
Section V – Schedule of Requirements (SOR).....	64
Section VI – Technical Section including Specifications (TSS).....	69
1. Eligibility to offer	70
2. Documents Establishing Bidder’s Eligibility and Qualifications	70
3. Technical Specifications	73
4. Testing Facilities.....	73
5. Random Test.....	75
6. Sample Quantity for Random Tests	76
7. Technical Service	76
8. Special Provisions for Detonators.....	78
10. Compliance with Statutory Requirements	78
11. Powder Factor.....	78
12. Performance & Penalty.....	81
Section VII – Sample Forms including LoB & Annexures	83
Annexure 1 – Approved product list of cartridge explosives and accessories in CIL	84

Annexure 2 – Product Specifications & Random Test Parameters.....	89
Annexure 3 – Security Deposit Bank Guarantee Proforma	93
Annexure 4 – Letter of Bid (LoB)	95
Annexure 4B – Format for Authorization to DSC holder bidding online by the person who has signed the LoB	97
Annexure 5 – Benchmark Powder Factor for each mine	98
Annexure 6 – Pre-Contract Integrity Pact.....	112
Annexure 7 – Proforma / Checklist for inspection of various equipment’s / accessories, testing facility, record of testing of Cartridge Explosives & Accessories.....	118
Annexure 8 – Number of Parallel Running Contracts to be concluded against this tender	119
Annexure 9 – Concurrent application of PPP-MII and PPP-MSE Orders.....	120
Annexure 10 – Format for ‘No Claim Certificate’ to be issued by Supplier	124
Annexure 11 – Format for Local Content Certificate	125
Annexure 12 – Improved Methodology for Determination of Bench Mark Powder Factor.....	126
Annexure 13 -Check list of Documents to be uploaded in Techno- Commercial Bid.....	129

Section I - Invitation for Bids (IFB)

Invitation for Bids (IFB)

Section I - Invitation for Bids (IFB)

1. Coal India Limited, a Government of India Undertaking with its registered office at Coal Bhawan, Premises no. 04, Plot no AF-III, Action Area 1A, New Town, Rajarhat, Kolkata -700 156, West Bengal, hereinafter referred to as “the Purchaser”, invites online bids through its e-Procurement Portal <https://coalindiatenders.nic.in> from Indian manufacturers for conclusion of Running Contracts (RC) and empanelment as Reserve RC holders for a period of two years for supply of Cartridge Explosives & Accessories to all the subsidiary companies of CIL and NEC as per requirement listed in Section – V, Schedule of Requirement (SOR).
2. The complete tender document shall be available in the CIL’s e-procurement portal <https://coalindiatenders.nic.in> for downloading and submission of offer. The complete tender document shall also be available on Coal India’s website www.coalindia.in and Central Public Procurement Portal (<https://eprocure.gov.in>) for downloading only.
3. There will be no physical/manual sale of tender document. There is no Tender Fee and the bidders can download tender document free of cost from any of the websites mentioned above.
4. Details of tender:

1	Tender No.	CIL/C2D/Cart Expl & Accs/2025-27/**** dated **.**.2025
2	Type of Tender	Two Bid System with Reverse Auction
3	Estimated value of Tender	Rs.**** Crores (approx.)
4	Tender Fee	NIL
5	Earnest Money Deposit	50 Lakhs
6	Subject of Tender	Conclusion of Running Contracts (RCs) and empanelment as Reserve RC holders for a period of two years for supply of Cartridge Explosives & Accessories to all the subsidiary companies of CIL and NEC.
7	e-Publishing date of Tender	**.**.2025
8	Downloading of Tender Document	
	(i) Starts on	**.**.2025 From 11.00 hours (IST)
	(ii) Closes on	**.**.2025 Upto 11.00 hours (IST)
9	Seeking Clarification	
	(i) Starts on	**.**.2025 From 11.00 hours (IST)
	(ii) Closes on	**.**.2025 Upto 11.00 hours (IST)
10	Pre-Bid Meeting	**.**.2025 at 11.00 hours (IST)

Section I - Invitation for Bids (IFB)

11	Online Submission of Offers	
	(i) Start Date and Time	**.**.*.2025 From 11.00 hours (IST)
	(ii) Last Date and Time	**.**.*.2025 Upto 11.00 hours (IST)
12	Due date and time of Opening of Techno-Commercial Bids of Tenders (Cover-I)	**.**.*.2025 at 11.00 hours (IST)
13	Due date and time of Opening of Price Bids of Tenders (Cover-II)	Will be done at a later date which will be communicated to the Techno-Commercially acceptable bidders through portal only
14	Start of Reverse Auction	Will be initiated normally within two hours after opening of Price-Bids (Cover-II) of Techno-Commercially acceptable bidders.

5. There is no provision to take out the list of parties which have downloaded the tender document from the above referred website. As such, bidders are requested to visit the website frequently till the last date and time of online submission of offers to ensure that they have not missed out any corrigendum issued against the said tender after they have downloaded the tender document. The responsibility of downloading the corrigendum, if any, will be of the downloading party. No separate intimation in respect of corrigendum to the NIT (if any) will be sent to the bidders who have downloaded the tender document from website.
6. In the event of the scheduled/extended due date of opening of bids being declared as a closed holiday for purchaser's office or a "bundh", the due date for opening of bids will be the following working day at the scheduled time.
7. The bidders, in their own interest, are requested not to wait till the last moment for submission of bid to avoid last minute rush and local problems related to internet connectivity, law and order, strike, bundh etc. The Purchaser shall not be responsible, if bids could not be uploaded due to such local problems at the bidders' end.
8. The interested bidders may obtain further information from the office of the Purchaser as per address given below:

**Executive Director (M&C),
Coal India Limited,
Coal Bhawan, MM Division,
1st Floor, Premises No. 04,
Action Area 1 A,
New Town, Rajarhat,
Kolkata -700156,
India
Phone: +91 33 2324 4162
Email address: edmnc.cil@coalindia.in**

Section II – Instructions to Bidders (ITB)

Instructions to Bidders (ITB)

Section II – Instructions to Bidders (ITB)

1. Requirements for participation in e-tenders

In order to submit the online offer on CIL's e-Procurement portal, the bidders should meet the following requirements:

- a) PC with internet connectivity. It will be the bidder's responsibility to comply with the system requirement, i.e., hardware, software and internet connectivity at bidder's premises to access the e-Procurement website. Under no circumstances, CIL shall be liable to the bidders for any direct/indirect loss or damages incurred by them arising out of incorrect use of the e-Procurement system or internet connectivity failures.
- b) Online Enrollment/Registration with CIL's e-Procurement portal with valid Digital Signature Certificate (DSC). The online enrollment/registration of the bidders on the portal is free of cost and one time activity only. The registration should be in the name of bidder. The DSC of the person bidding online on behalf of bidder (the bidding firm) should be mapped / registered with the name of the bidding firm. It shall be the responsibility of the bidder to ensure that they get registered with the CIL's e-Procurement portal well in advance and download the documents before the last date and time for the same.
- c) Class III Digital Signature Certificate (DSC).

2. Digital Signature Certificate (DSC)

Bidders may obtain Digital Signature Certificate from any Certifying Authority authorized by Controller of Certifying Authority (CCA) and which can be traced up to the chain of trust to the Root Certificate of CCA.

3. Help for participating in e-tender

The detailed method for participating in the e-procurement is available on links "Help for Contractor" and "Bidders Manual Kit" in CIL's e-Procurement portal. The bidders may also seek help from the 24 x 7 help-desk on **0120-4711 508 / 0120-4001 002 / 0120-4001 005 / 0120-6277 787**. All queries will be answered in English / Hindi only

4. Communication

All communication sent by the Purchaser as well as the e-procurement provider by post/fax/e-mail/SMS shall be deemed as valid communication. The bidder must provide complete address, fax number, corporate e-mail id and mobile number of the signatory of the bid.

5. Cost of Bidding

The bidder shall bear all costs associated with the preparation and online submission of bid and the Purchaser will in no case be responsible or liable for those costs, regardless of the conduct or outcome of the bidding process.

6. Eligible Bidders

- A. In order to be eligible, the bidders shall have to fulfil all the terms and conditions under various sections of the tender document.
- B. The bidder shall have to be either 'Class-I Local Supplier' or 'Class-II Local Supplier'. **'Non-Local Suppliers' are not eligible to participate in the tender.**

Section II – Instructions to Bidders (ITB)

C. Purchase Preference under Make in India Policy

Under 'Make in India' policy of Government of India, Purchase Preference will be given to eligible bidders as per Public Procurement (Preference to Make in India), Order 2017 issued vide order No. P-45021/2/2017-B.E.-II dated 15th June 2017 (subsequently revised vide orders dated 28.05.2018, 29.05.2019, 04.06.2020, 16.09.2020, 04.03.2021 & 19.07.2024) of Department for Promotion of Industry and Internal Trade, Ministry of Commerce and Industry. In case of any further guidelines issued prior to 15 days from the tender publishing date, the same will also become applicable.

The definitions of 'Class-I Local Supplier', 'Class-II Local Supplier', 'Non-Local Supplier', 'Local Content' and 'Margin of Purchase Preference' are as follows: -

- a. 'Class-I Local Supplier' means a supplier, whose goods and/or services offered for procurement, has local content equal to or more than 50%.
- b. 'Class-II Local Supplier' means a supplier, whose goods and / or services, offered for procurement, has 20% or more local content but less than 50%.
- c. Non - Local Supplier' means a supplier, whose goods and / or services, offered for procurement, has local content less than 20%.
- d. 'Local Content' means the amount of value added in India which shall be the total value of the item procured (excluding net domestic indirect taxes) minus the value of imported content in the item (including all customs duties) as a proportion of the total value, in percent.

As per the OM dated 04.03.2021, it has been clarified by the Department for Promotion of Industry and Internal Trade, Ministry of Commerce and Industry that bidders offering imported products will fall under the category of Non-Local Suppliers. They can't claim themselves as Class-I Local Suppliers/Class II Local Suppliers by claiming the services such as transportation, insurance, installation, commissioning, training and after-sales service support like AMC/CMC etc. as local value addition.

In view of above, "Local content" will not include services such as transportation, insurance, installation, commissioning, training and after-sales service support like AMC/CMC etc. as local value addition.

As per OM dated 19.07.2024 it has been clarified, through explanatory notes for calculation of local content, by the Department for Promotion of Industry and Internal Trade, Ministry of Commerce and Industry, that:

- i. Imported items sourced locally from resellers / distributors shall be excluded from calculation of Local content.
- ii. The license fees / royalties paid / technical charges paid out of India shall be excluded from local content calculation.
- iii. Procurement/Supply of repackaged/refurbished/rebranded imported products as understood commonly shall be treated as reselling of imported products and shall be excluded from calculation of local content. The definition of repackaged/refurbished/rebranded imported products is as follows;

'Refurbishing' means repair or reconditioning of an imported product does not amount to manufacture because no new goods come into existence.

'Repackaging' means repacking of imported goods from bulk pack to smaller packs

Section II – Instructions to Bidders (ITB)

would not ordinarily amount to manufacture of a new item.

'Rebranding' means relabeling or renaming or change in symbol or logo/makes or corporate image of a company/organization/firm for an imported product would amount to rebranding.

- iv. To ensure that imported items sourced locally from resellers/distributors are excluded from calculation of local content, you are to provide, the cost of such locally-sourced imported items (inclusive of taxes) along with break-up on license/royalties paid/technical expertise cost etc. sourced from outside India. For items sold by bidder as reseller, OEM certificate for country of origin is to be submitted.
 - v. For contracts involving supply of multiple items, weighted average of all items to be taken while calculating the local content.
- e. 'Margin of Purchase Preference' means the maximum extent to which the price quoted by a "Class-I Local Supplier" may be above the L1 for the purpose of purchase preference. The margin of purchase preference shall be 20%.
- f. Special treatment for items covered in PLI Scheme (As per OM dated 19.07.2024 of Department for Promotion of Industry and Internal Trade, Ministry of Commerce and Industry): The manufacturers manufacturing an item under PLI scheme shall be treated as deemed Class II local supplier for that item unless they have minimum local content equal to or higher than that notified for Class-I local supplier for that item, provided the manufacturer has received incentive from the concerned PLI Ministry for the item. The above shall be applicable for the specific time period only, as notified by concerned PLI Ministry.

Verification of local content:

- a. The 'Class-I local supplier' / 'Class-II local supplier' shall be required to provide a certificate from the statutory auditor or cost auditor of the company (in the case of companies) or from a practicing cost accountant or practicing chartered accountant (in respect of suppliers other than companies) giving the percentage of local content for the country as a whole. The certificate shall also indicate details of the location(s) at which the local value addition is made.

Note: This certificate, as per format enclosed as Annexure – 11, will have to be submitted separately in respect of each of the quoted items and uploaded in "COMMERCIAL DOCS".

- b. At the time of execution, the supplier / contractor shall be required to give local content certification duly certified by cost / chartered account in practice. For cases where it is not possible to provide certification by Cost /Chartered Accountant at the time of execution, the supplier shall be permitted to provide the certificate for local content from Cost / Chartered Accountant after completion of the Contract, within time limit acceptable to CIL i.e. 3 months. In case the contractor / supplier does not meet the stipulated local content requirement and the category of the supplier changes from Class-I to Class II / Non-local or from Class-II to Non-Local, a penalty upto 10% of the contract value shall be imposed, However, contract once awarded shall not be terminated on this account.
- c. Nodal Ministry /CIL may constitute committees with internal and external experts for independent verification of self-declarations / auditor's / accountant's certificates on random basis and in the case of complaints.

Section II – Instructions to Bidders (ITB)

- d. The complaint fee of Rs. 2 Lakhs or 1% of the value of the local item being procured (subject to maximum of Rs. 5 Lakhs), whichever is higher, shall be paid in the form of Demand Draft, drawn in favour of Coal India Limited, Kolkata. In case the complaint is found to be incorrect, the complaint fee shall be forfeited. In case, the complaint is upheld and found to be substantially correct, the deposited fee of the complainant would be refunded without any interest
- e. False declarations will attract banning of business of the bidder or its successor(s) for a period upto two years in line with clause 36 of ITB, along with such other actions as may be permissible under law.
- f. A supplier who has been debarred by any procuring entity for violation of above Order shall not be eligible for preference under this Order for procurement by any other procuring entity for the duration of debarment. The debarment for such other procuring entities shall take effect prospectively from the date on which it comes to the notice of other procurement entities.

Reciprocity Clause [Clause 10 (d) of PPP-MII Order 202417] :

- a) When a Nodal Ministry / Department identifies that Indian suppliers of an item are not allowed to participate and / or to compete in procurement by any foreign government, due to restrictive tender conditions which have direct or indirect effect of barring Indian companies such as registration in the procuring country, execution of projects of specific value in the procuring country etc., it shall provide such details to procuring entity under their administrative control for appropriate reciprocal action.
- b) Entities of countries which have been identified by the Nodal ministry / department as not allowing Indian Companies to participate in their Government procurement for any item related to that Nodal Ministry shall not be allowed to participate in Government procurement in India for all items related to that Nodal Ministry / department except for the list of items published by the Ministry / Department permitting their participation.
- c) The term “entity” of a country shall have the same meaning as under the FDI policy of DPIIT as amended from time to time.
- d) Further, vide OM No. P-45021/52/2019-PP(BE-II) dated 13.03.2020 of the Department for Promotion of Industry and Internal Trade, Ministry of Commerce & Industry, GOI, the following has been communicated with regard to Clause-10(d) of PPP-MII Order 2017:
 - i. It is clarified that if a country does not procure globally particular sector, Indian manufacturers are being excluded in that particular country and the reciprocity clause as per clause 10(d) of PPP-MII Order 2017 may be invoked.
 - ii. Clause-10(d) of the PPP-MII Order 2017 may be invoked when restrictive practices are employed which have a direct or indirect effect of barring Indian companies from participating in Public Procurement of any country. These include not allowing participation of foreign companies in general and Indian companies in specific in Public Procurement; insistence on restrictive conditions such as registration in the procuring country / execution of projects of specific value in the procuring country etc.

D. Special provisions regarding eligibility of bidders from the countries sharing land border with India: These are as per extant guidelines vide Order (Public Procurement No. 4) no. F.7/10/2021-PPD(1) dated 23.02.2023 of Department of Expenditure, Ministry of Finance, GoI; (in case of any change prior to 15 days from the tender publishing date, the same will be applicable):

Section II – Instructions to Bidders (ITB)

- i. Any bidder from a country which shares a land border with India will be eligible to bid in this tender only if the bidder is registered with the Competent Authority i.e. Registration Committee constituted by DPIIT, Ministry of Commerce and Industry, GoI.
- ii. Any bidder (including an Indian Bidder) who has a Specified Transfer of Technology (ToT) arrangement with an entity from a country which shares a land border with India will be eligible to bid in this tender only if the bidder is registered with the Competent Authority i.e. Registration Committee constituted by DPIIT, Ministry of Commerce and Industry, GoI.
- iii. “Bidder” (including the term ‘tenderer’, ‘consultant’, ‘vendor’ or ‘service provider’ in certain contexts) means any person or firm or company, including any member of a consortium or joint venture (that is an association of several persons, or firms or companies), every artificial juridical person not falling in any of the descriptions of bidders stated hereinbefore, including any agency, branch or office controlled by such person, participating in a procurement process.
- iv. ‘Transfer of Technology’ means dissemination and transfer of all forms of commercially usable knowledge such as transfer of know-how, skills, technical expertise, designs, processed and procedures, trade secrets, which enables the acquirer of such technology to perform activities using the transferred technology independently. (Matter of interpretation of this terms shall be referred to the Registration Committee constituted by DPIIT, Ministry of Commerce and Industry, GoI and the interpretation of the Committee shall be final).
- v. ‘Specified Transfer of Technology’ means a transfer of technology in the sectors and/or technologies, specified below, occurring on or after 23.07.2020.
- vi. “Bidder (or entity) from a country which shares a land border with India” for the purpose of the above Order means: -
 - a) An entity incorporated, established or registered in such a country; or
 - b) A subsidiary of an entity incorporated, established or registered in such a country; or
 - c) An entity substantially controlled through entities incorporated, established or registered in such a country; or
 - d) An entity whose beneficial owner is situated in such a country; or
 - e) An Indian (or other) agent of such a country; or
 - f) A natural person who is a citizen of such a country; or
 - g) A consortium or joint venture where any member of the consortium or joint venture falls under any of the above.
- vii. The beneficial owner for the purpose of (vi. d) above will be as under:
 1. In case of a company or Limited Liability Partnership, the beneficial owner is the natural person(s), who, whether acting alone or together, or through one or more juridical person, has a controlling ownership interest or who exercises control through other means.

Explanation-

 - a) “Controlling ownership interest” means ownership of or entitlement to, more than twenty-five per cent of shares or capital or profits of the company;
 - b) “Control” shall include the right to appointment majority of the directors or to control the management or policy decisions, including by virtue of their shareholding or management rights or shareholders agreements or voting agreements;
 2. In case of a partnership firm, the beneficial owner is the natural person(s) who, whether acting alone or together, or through one more juridical person, has ownership of entitlement to more than fifteen percent of capital or profits of the partnership;
 3. In case of an unincorporated association or body of individuals, the beneficial owner is the natural person(s), who, whether acting alone or together, or through one more

Section II – Instructions to Bidders (ITB)

juridical person, has ownership of or entitlement to more than fifteen percent of property or capital or profits of such association or body of individuals;

4. Where no natural person is identified under (1) or (2) or (3) above, the beneficial owner is the relevant natural person who holds the position of senior managing official;
 5. In case of a trust, the identification of beneficial owner(s) shall include identification of the author of the trust, the trustee, the beneficiaries with fifteen percent or more interest in the trust and any other natural person exercising ultimate effective control over the trust through a chain of control or ownership.
- viii. An ‘Agent’, for the purpose of the Order, is a person employed to do any act for another, or to represent another in dealings with third persons.

Note:

- a. A person who procures and supplies finished goods from an entity from a country which shares a land border with India will, regardless of the nature of his legal or commercial relationship with the producer of the goods, be deemed to be an Agent.
 - b. However, a bidder who only procures raw material, components etc. from an entity from a country which shares a land border with India and then manufactures or converts them into other goods will not be treated as an Agent.
- ix. Sensitive Sectors/Technologies (relevant only for the provision of ToT arrangements)
- a. Certain Sectors and Technologies have been identified as sensitive from the national security point of view. Mining and extraction (including deep sea project) i.e. which include Coal India Ltd. and its subsidiaries, is considered as Category-II sensitive Sector. The technologies as below are considered sensitive technologies:
 1. Additive Manufacturing (e.g. 3D Printing)
 2. Any equipment having electronic programmable components or autonomous systems (e.g. SCADA systems)
 3. Any technology used for uploading and streaming of data including broadcasting, satellite communications etc.
 4. Chemical Technologies,
 5. Biotechnologies including Genetic Engineering and Biological Technologies.
 6. Information and Communication Technologies.
 7. Software
 - b. For Category-II sensitive Sectors, bidders with ToT arrangement in the sensitive technologies indicated above, with an entity from a country which shares a land border with India shall require registration.
 - c. In category II sensitive Sectors, the Secretary (or any officer not below the rank of Joint Secretary of GoI, so authorized by the Secretary) of the Ministry/Department of the GoI is empowered, after due consideration, to waive the requirement of registration for a particular item/application or a class of items/applications from the requirement of registration, even if included as Sensitive Technologies mentioned above. The Ministry/Department concerned shall intimate DPIIT and National Security Council Secretariat (NSCS) of their decision to waive the requirement of registration. Ministries/Departments of the GoI are not required to consult DPIIT / NSCS before deciding and are only required to intimate the decision to DPIIT/NSCS. If any point is raised by DPIIT/NSCS, it should be considered in future procurement; ongoing procurement for which such waiver was granted need not be interrupted or altered.

Section II – Instructions to Bidders (ITB)

- x. Registration should be valid at the time of submission of bids and at the time of acceptance of bids. If a bidder was validly registered at the time of acceptance / placement of order, registration shall not be a relevant consideration during contract execution.
- xi. The above provisions will not apply to bidders (or entities) from those countries (even if sharing a land border with India) to which the Government of India has extended lines of credit or in which the Government of India is engaged in development projects. Updated lists of countries to which lines of credit have been extended or in which development projects are undertaken, are available on the website of the Ministry of External Affairs.

Procurement of spare parts and other essential service support like Annual Maintenance Contract (AMC) / Comprehensive Maintenance Contract (CMC) including consumables for closed systems, from Original Equipment Manufacturers or their authorized agents, shall also be exempted from the requirement of registration.

- xii. All the bidders are required to submit the following certificates in the CPS:
 - a) “We have read the clause regarding restrictions on procurement from a bidder of a country which shares a land border with India;
We certify that this bidder is not from such a country”
OR
We certify that we are from such a country and have been registered with the Competent Authority. We hereby also certify that this bidder fulfils all requirements in this regard and are eligible to be considered [evidence of valid registration by the Competent Authority is attached, if applicable]”.
 - b) “We have read the clause regarding restrictions on procurement from a bidder having Transfer of Technology arrangement.
We certify that we do not have any Transfer of Technology arrangement requiring registration with the competent authority”
OR
We certify that we have valid registration to participate in this procurement [evidence of valid registration by the Competent Authority is be attached, if applicable]”.

Note: If such certificates given by the bidder whose bid is accepted are found to be false, this would be a ground for debarment and further legal action in accordance with the Purchase Manual and law.

7. Procurement from Micro and Small Enterprises (MSEs)

- (a) Minimum 25% of the item-wise tender quantity will be procured from MSEs in case they are participating in the tender, provided their quoted price is upto 115% of the L-1 eligible bidder and they agree to match the L-1 price.
- (b) Further, out of this 25%, sub-targets of 4% will be procured from MSEs owned by the SC/ST entrepreneurs and 3% from women owned MSEs.
- (c) Classification of Micro and Small Enterprise are as under:
 - i) Micro Enterprise - Enterprise where the Investment in Plant & Machinery or Equipment does not exceed Rupees One Crore and Annual Turnover does not exceed Rupees Five Crores.
 - ii) Small Enterprise - Enterprise where the Investment in Plant & Machinery or Equipment does not exceed Rupees Ten Crores and Annual Turnover does not exceed Rupees Fifty Crores.

Section II – Instructions to Bidders (ITB)

- (d) MSEs shall upload a copy of their Udyam Registration Certificate issued by Ministry of MSME. It is necessary for MSEs to upload copy of Udyam Registration Certificate in the folder “**COMMERCIAL DOCS**”, failing which such bidders will not get the benefits as per Public Procurement Policy for Micro and Small Enterprise (MSEs) Order, 2012.

The benefits to MSEs under Public Procurement Policy for Micro and Small Enterprise (MSEs) Order, 2012 shall be restricted to the unit(s) /plant(s) which are appearing in the registration certificate issued by the above-mentioned registering authority. For other units/ plants, no benefits under the above policy shall be given. Further, the bidder will submit an undertaking in the “Commercial Docs” that it will supply the offered items to CIL from the unit/ plant for which it will avail benefits under the Public Procurement Policy for Micro and Small Enterprise (MSEs) Order, 2012.

- (e) The MSEs owned by SC/ST are classified as under:
- i) In case of proprietary MSE, proprietor(s) shall be SC/ST.
 - ii) In case of partnership MSE, the SC/ST partners shall be holding at least 51% shares in the unit.
 - iii) In case of Public Limited Companies, at least 51% share shall be held by SC/ST entrepreneurs at any given point of time.
 - iv) In case of Private Limited Companies, at least 51% share shall be held by SC/ST promoters.
- (f) In case MSE is an enterprise owned by Scheduled Caste (SC) or Scheduled Tribe (ST), then SC or ST will have to submit a copy of necessary caste certificate issued by State Authority as per Law, in the folder “Commercial Docs”.
- (g) Further, MSEs who are ‘Class-I Local Suppliers’ are only eligible for the above purchase preference.
- (h) All MSEs are to upload ‘Class-I Local Supplier’ or ‘Class-II Local Supplier’ certificate as per Clause-6.C in “Commercial Docs” folder.
- (i) **Change in status of MSE to Medium Enterprise** – In case of an upward change in terms of investment in plant and machinery or equipment or turnover or both, and consequent re-classification, an enterprise shall continue to avail of all non-tax benefits of the category it was in before the re-classification, for a period of three years from the date of such upward change. Non-tax benefits include benefits of various schemes of the Government, including Public Procurement Policy, Delayed Payments, etc. In such cases of upward revision in MSE status, the firm shall produce documentary evidence clearly indicating the date of such revision.
- (j) Concurrent application of Public Procurement Policy for Micro and Small Enterprises Order, 2012 and Public Procurement (Preference to Make in India) Order, 2017 shall be as per OM no. F.1/4/2021-PPD dated 18.05.2023 of Department of Expenditure, Ministry of Finance (attached as **Annexure 9**).

8. Contents of Bid / Tender Document

The Goods required, bidding procedures and Contract terms are prescribed in the Bid / Tender Document. In addition to the Invitation for Bids, the Bid Document includes:

Section II – Instructions to Bidders (ITB)

- a. Instructions to Bidders (ITB);
- b. General Conditions of Contract (GCC);
- c. Special Conditions of Contract (SCC);
- d. Schedule of Requirements;
- e. Technical Section including Specifications;
- f. Letter of Bid (LOB);
- g. Security Deposit Bank Guarantee Format;
- h. Pre-Contract Integrity Pact;
- i. Technical Parameter Sheet (TPS) including Commercial Parameter Sheet (CPS) in Excel Sheet in the e-procurement portal;
- j. Bill of Quantity (BOQ) in Excel Sheet in the e-procurement portal;
- k. Any Other document, information, instruction as specified in the Bid Document and / or specified in the e-procurement portal.

The bidder is expected to examine all instructions, forms, formats, terms and specifications in the Bid Document. Failure to furnish all information / documents/ certificates required by the Bid Document will be at the bidder's risk and it may result in rejection of its bid.

9. Clarification of Bid Document

A prospective bidder may seek clarification online through CIL's e-procurement portal after e-Publication of the NIT. The Purchaser will respond to such requests for clarification of the Bid Documents, which are received not later than 15 (fifteen) days prior to the last date of submission of bid. Purchaser's response (including an explanation of the query but without identifying the source of inquiry) shall also be put on the website of CIL, e- Procurement Portal and CPP Portal after holding Pre-Bid Conference as described below atleast 7 (seven) days before the last date for online submission of bid. The clarifications shall be of explanatory nature only without altering the basic tenets of the tender documents.

10. Pre-Bid Conference

A Pre-Bid conference will be held at the office of the Purchaser / online on **.**.2025 at 11:00 AM. The Bidder's authorized representative who can actively participate and contribute in the conference, is invited to attend the pre-bid conference. Number of persons permitted to attend the Pre-Bid conference shall be limited to a maximum of 2 (Two) persons per bidder. Failure to attend pre-bid conference does not restrict the intending bidders from submitting the bid.

Bidders are requested to send their questions online through CIL's e-procurement portal not later than 15 (fifteen) days prior to the last date of submission of bid. The purpose of the meeting will be to clarify issues and clearing doubts, if any, about the specifications of the items and other terms and conditions mentioned in the tender document.

The issues raised by the prospective bidders during the pre-bid conference will be examined by CIL. The clarifications/ modifications, if any, shall be made and communicated to all the intending bidders and shall also be hosted on CIL's website, e-Procurement Portal and CPP Portal. In case there is a modification in the tender document, corrigendum to tender enquiry shall be issued accordingly also extending the due date and time, if required, for submission/opening of bids suitably.

Bidders are advised that CIL expects the bidders to comply with the tender specifications/conditions which have been frozen after pre-bid conference, and hence non-

Section II – Instructions to Bidders (ITB)

conforming bids are liable for rejection.

11. Language of Bid

All correspondence and documents relating to the bid exchanged by the Bidder and the Purchaser, shall be written in English language. Supporting documents and printed literature furnished by the Bidder may be written in another language provided they are accompanied by a certified true translation of the relevant passages in English language in which case, for purposes of interpretation of the bid, the translation shall govern. All such translated documents should bear the signature and stamp of the authorized signatory of the bidder who has signed the LOB, as a token of authentication of the same.

12. User Portal Agreement

The bidders will have to accept unconditionally the online user portal agreement which contains the acceptance of all the Terms and Conditions of NIT including Commercial and General Terms & Conditions and other conditions, if any, along with an online undertaking in support of the authenticity of the declarations regarding facts, figures, information and documents furnished in its offer on-line in order to become an eligible bidder and if the same is found to be wrong or misleading at any stage, they will be liable for punitive action.

13. Methodology for online Submission of Bids

13.1 The offers are to be submitted online through CIL's e-procurement portal in two covers - Cover-I containing 'Techno-Commercial Bid' and Cover-II containing 'Price- Bid'.

13.2 **Techno-Commercial Bid (Cover-I):** The Cover-I of the offer shall contain bidder's response to the techno-commercial terms and conditions of the tender document, duly filled in the TPS including CPS (Templates in excel format) provided in e-procurement portal. It should be noted that the Cover-I should not contain the price. The Cover-I shall contain the following:

- i **Letter of Bid (LOB):** The Letter of Bid (LOB) as per the format given at [Annexure- 4] will be printed on Bidder's letter head (duly filled in, signed and stamped with the seal of the company) by a person competent and having the "Authority" / "Power of Attorney" to bind the bidder. Scanned copy of such a "Signed & Stamped with the Seal of the Company" **LOB** along with "**Authority**"/ "**Power of Attorney**" are to be uploaded during bid submission in Cover-I. This will be the covering letter of the bidder for his submitted bid. The contents of the "Letter of Bid" uploaded by the bidder must be the same as per the format downloaded from the website and it should not contain any other information. If there is any change in the contents of Letter of Bid uploaded by bidder as compared to the format of Letter of Bid of the NIT document, then the bid may be liable for rejection.

The date of document conferring Authority / Power of Attorney should not be later than the date of signing of LOB.

LOB along with "**Authority**"/ "**Power of Attorney**" documents are to be uploaded in the folder named "**LOB DOCS**" provided in the e-procurement portal.

Note:

- a. The person who has signed Letter of Bid physically should bid online while submitting the offer with his DSC mapped in the name of bidder. The physical

Section II – Instructions to Bidders (ITB)

signature of the person who has signed the LOB will be accepted without questioning the identity of person signing the LOB as the same person is DSC holder and himself is bidding online on CIL's e-Procurement Portal.

- b. In case the person who has signed LOB is not bidding himself and has authorized another person to bid online on his behalf, then the further authorization (as per Annexure-4B) by the person signing the LOB in favor of person bidding online is required to be uploaded. In such case the DSC of the person bidding online on behalf of bidder (the bidding firm) should be mapped / registered with the name of the bidding firm.
- c. Detailed notes mentioned in Annexure-4 may be referred.

ii. TPS and Technical Documents:

The "Technical Parameter Sheet" (TPS) containing the summarized Technical Specifications Parameters in Excel format will be available on e-procurement portal. This will be downloaded by the bidder who is required to put values under the column "BIDDER'S VALUE" in TPS.

The details of documents to be submitted in support of values in the TPS are given in Section-VI 'Technical Section including Specifications'. Scanned copies of such documents shall be uploaded in folder named as "**TECHNICAL DOCS**". Incomplete template or the templates not submitted as per the instructions given will be rejected.

iii. CPS and Commercial Documents:

TPS will also contain a separate sheet named as "Commercial Parameter Sheet" (CPS), which will also be filled-in by the bidder before uploading TPS. All related documents to CPS are to be uploaded by the bidder in "**LOB DOCS**", "**COMMERCIAL DOCS**" and "**PRE CONTRACT IP DOC**" folders as stipulated in this document.

- A. The following documents are also to be uploaded in "**COMMERCIAL DOCS**" and "**PRE CONTRACT IP DOC**" folder:
 - a. In case of bidders seeking exemption from submission of EMD, the scanned copy of the Documentary evidence for exemption as per Clause-15, ITB, Section-II, as the case may be, will have to be uploaded by the bidder in the "**COMMERCIAL DOCS**" folder.
 - b. Commercial Documents towards bidder's eligibility and qualifications as per Clause-2, Technical Section including Specifications, Section-VI, to be uploaded by the bidder in the "**COMMERCIAL DOCS**" folder.
 - c. Pre-Contract Integrity Pact as per Clause-37, ITB, Section-II to be uploaded in "**PRE CONTRACT IP DOC**" folder.
 - d. The bidder has to submit a certificate of "Local Content" from the statutory auditor or cost auditor of the company (in the case of companies) or from a practicing cost accountant or chartered accountant (in respect of suppliers other than companies) giving the percentage of local content along with details of the location(s) at which the local value addition is made.

Note: This certificate, as per format enclosed as Annexure – 9, will have to be submitted separately in respect of each of the quoted items

Section II – Instructions to Bidders (ITB)

and uploaded in “COMMERCIAL DOCS” folder.

- e. Evidence of valid registration by Competent Authority, in case of bidders from countries sharing land border with India, as per Clause-6.E, ITB, Section-II, to be uploaded by the bidder in the “COMMERCIAL DOCS” folder.
 - f. Scanned copy of cancelled cheque in COMMERCIAL DOCS
- B. The confirmation/ declaration in respect of the following are to be given in CPS along with other information sought in the CPS:
- a. Banned or Delisted or Debarred or ‘Put on Holiday’ Suppliers as per Clause -40, ITB, Section-II.
 - b. Undertaking for Price Fall Clause as per Clause-13, SCC, Section-IV
 - c. Declaration for land border sharing as per Clause-6, ITB, Section-II
 - d. Bank Mandate form (Bidder shall upload scanned copy of cancelled cheque in COMMERCIAL DOCS)
 - e. Code of Integrity for Public Procurement as defined in Clause-35, ITB, Section-II and transgression of this Code of Integrity with any entity in any country during last three years.
 - f. Lowest Price Certificate as per Clause-16.a), SCC, Section-IV.
- 13.3 **Price Bid (Cover-II):** The Price-Bid containing the Bill of Quantity (BOQ) in Excel format will be available on e-procurement portal for downloading. The bidder shall quote FOR destination prices inclusive of freight, insurance and all other charges but exclusive of CGST & SGST / IGST on this Excel file, thereafter the same shall be uploaded by the bidder during bid submission in cover-II. The Price-bid of the bidder will consist of prices only and shall be unconditional. The Price Bid which is incomplete and not submitted as per instruction given above will be rejected.
- 13.4 Both the covers – Cover-I ‘Techno-Commercial Bid’ and Cover-II ‘Price-Bid’ are to be uploaded in e-procurement portal before the last date and time for submission of online bid.
- 13.5 The documents uploaded in the e-procurement portal through Digital Signature Certificate (mapped with the bidding firm) are digitally signed documents and legally enforceable under Indian IT Act 2000.
- Scanned copies (PDF) of the complete documents duly filled in, signed, stamped or digitally signed (if required) shall be uploaded along with the offer as per tender requirements at relevant spaces / folders in Cover-I. All documents attached should be Self-attested by the authorized signatory of the bidder with the Company's seal; however, some documents may require attestation by Notary Public as per instructions given in the relevant clauses of the tender document. Bidders are suggested to scan the documents in **100 DPI** for clarity & easy uploading.
- 13.6 **Submission of Forged/Tampered Documents:** Based on undertaking furnished by the bidder in its Letter of Bid, certifying the authenticity and statements made in the bid as well as documentary support of such statements submitted with online bid against the tender (with the DSC mapped in the name of bidder), CIL, while carrying out evaluation of the

Section II – Instructions to Bidders (ITB)

offer, shall consider the scanned copies of the documents without any verification with the original. However, CIL reserves the right to verify such documents with the original, if necessary, at a later stage, for which the bidder shall have to submit the original documents to CIL on demand.

If at any point of time during procurement process or subsequently, any information or document submitted by the bidder, is found to be false/incorrect /forged/tampered in any way, the total responsibility shall lie with the bidder and CIL reserves the full right to take penal action as may be deemed fit including rejection of the offer and / or banning the bidder in CIL for future tenders. The penal action may include termination of contract / forfeiture of all dues including EMD / Security Deposit / banning of the firm along with all partners of the firm as per provisions of tender document/Purchase Manual of CIL/Provisions of law in force. Further, suitable action may be taken for claiming damages from the bidder.

- 13.7 The offer should be submitted strictly as per the procedures, terms & conditions laid down in the tender document, failing which the offer may not be considered. Bids having terms and conditions which are in deviation to the tender terms are liable for rejection.
- 13.8 No offline bid shall be accepted. Offer received through Post, Courier, Fax, Telegram or E-mail will not be considered.

14. Period of Validity of Bids:

The bids shall remain valid for a period of 120 days from the day of opening of Techno-Commercial Bid. A bid valid for a shorter period may be rejected by the purchaser.

15. Earnest Money Deposit (EMD)

A. Submission of EMD :

The value of the Earnest Money (EMD) to be submitted by the bidder shall be [Rs. **50.00 Lakhs** (Rupees Fifty Lakhs only)]; The amount of EMD has to be deposited within the last date and time for submission of online offer, failing which the online offer will not be considered.

Earnest Money can be deposited by following modes only:

- (a) Online fund transfer through Net banking using Payment Gateway available on portal.
- (b) NEFT/ RTGS from any Scheduled Bank to the Virtual Pool Account of the Purchaser strictly as per the challan generated by the bidder on e-procurement portal.

No other mode for payment is acceptable for submission of EMD in INR.

The EMD payment through NEFT/RTGS mode should be made well ahead of time to ensure that the EMD amount is transferred to the Purchaser's Bank account before bid submission, otherwise the bidder shall not be able to freeze bid in the portal. It is advised that the payment of EMD should be made at least 2 days prior to due date and time of submission of tender to avoid any complication in submitting online bid before the scheduled last date and time of submission. It is further advised that after successful payment, bidder should confirm receipt of EMD at Purchaser's A/C through "Payment Verification" Link available on the portal. Freezing of bid can be done only after completion of EMD submission process.

Section II – Instructions to Bidders (ITB)

If the payment is made by the bidder within the last date and time of bid submission but is not received in Virtual Pool Account of the Purchaser within the specified period due to any reason, the bid will not be accepted by the System/ Purchaser. However, the EMD will be refunded to the bidder's account automatically.

The Bank account used by the bidder for submission of EMD should remain available till the complete processing of the tender for refund of the EMD.

Notes:

- a) Bids submitted without full amount of Earnest Money Deposit (except for the firms which are specifically exempted from submission of EMD) will be summarily rejected. The net payment credited to the Purchaser's bank account, should exactly be the same as EMD amount and if it is found to be less than the stipulated amount, the bid will not be accepted.
- b) Physical mode of payment, i.e., Banker cheques or Demand drafts are not acceptable.
- c) The Purchaser shall not be liable to pay any interest on the amount of Earnest Money Deposit.

B. Exemption from submission of EMD:

State/Central Government Organisations/PSUs, valid Ancillary Units of the Purchaser, Micro and Small Enterprises [MSEs] registered with Udyam (irrespective of the stores for which they are registered) and Startups are exempted from submission of EMD. Such bidders will have to upload the scanned copy of the documents as specified below in support of their claim for exemption of EMD during submission of bid [by selecting "yes" option and uploading scanned copy of the documentary evidence in EMD Exemption section provided in the portal]:

Sl. No.	Category of bidders	Documents required for exemption of EMD
1	State/Central Government Organizations/ PSUs	Self- declaration in their letter head
2	Ancillary Units of the Purchaser	Valid and Complete Ancillary status certificate (irrespective of the stores for which they are registered)
3	Micro and Small Enterprises [MSEs]	Copy of Udyam Registration Certificate issued by Ministry of MSME (irrespective of the stores for which they are registered).
4	Startups	Recognition certificate from Department for Promotion of Industry and Internal Trade [DPIIT]

C. Refund of EMD:

EMD of unsuccessful bidders (except the bidders whose EMD is to be forfeited) will be auto refunded as and when they are declared unsuccessful directly to the account from where it has been received. No claim from the bidders will be entertained for receipt of the refund in any account other than the one from where the money has been received.

In case the tender is cancelled, then EMD of all the participating bidders will be refunded

Section II – Instructions to Bidders (ITB)

unless it is forfeited by the Purchaser.

If the bidder withdraws its bid online before deadline for submission of tender, then the EMD will be refunded automatically after opening of the tender.

The EMD of the Successful Bidder will be refunded through e-payment on receipt of required Security Deposit (if applicable) from the bidder.

If the refund of EMD is not received by the bidder in the account from which the EMD has been paid due to any technical fault of the portal/system, then it will be paid through e-payment.

All such e-Payments shall be made as per banking details provided by the bidder in their offer.

D. Forfeiture of EMD:

The EMD shall be forfeited in the following cases:

- a) If the bidder withdraws or amends, impairs or derogates from the tender in any respect within the period of bid validity offered by the bidder; or
- b) If the bidder has caused the reverse auction not to trigger because of quoting of rates due to wrong interpretation of units; or

In above conditions a & b, if the bidder is exempted from payment of EMD, it will be asked to submit the EMD amount of the tender within 7 days failing which it will be debarred from participation in any tender for a period of 1 year for the same item(s).

- c) Refuses to accept/execute the contract which was placed within bid validity period and does not commence supplies;

16. Deadline for Submission of Bids

- a) Online bids must be uploaded by the bidders at CIL's e-Procurement portal by the last date and time as specified in Sec-I, IFB.
- b) The Purchaser may, at its discretion, extend the deadline for the submission of bids in which case all rights and obligations of the Purchaser and Bidders previously subject to the deadline will thereafter be subject to the deadline as extended.
- c) In case, 03(three) bids are not received within the stipulated time, the due date of tender shall be extended once by 4 days automatically by the portal. In case no offer is received, tender will be cancelled. The information of cancellation of the tender will be uploaded on the e-procurement portal through corrigendum.

17. Late Bids

No bid will be accepted after the deadline for online submission of bid.

18. Modification and Withdrawal of Bids

- a) Modification of the submitted bid shall be allowed online only before the deadline of submission of tender and the bidder may modify and resubmit the bid online as many times as they wish, before the deadline of submission of tender.
- b) No bid can be modified after the deadline for submission of bids.
- c) Bidders may withdraw their bids online within the last date and time of bid submission.

Section II – Instructions to Bidders (ITB)

However, the bids once withdrawn cannot be resubmitted again.

- d) No bid can be withdrawn in the interval between the deadline for submission of bids and the expiration of the period of bid validity offered by the Bidder. Withdrawal of a bid during this interval shall result in forfeiture of EMD. In case the bidder is exempted from payment of EMD, it will be asked to submit the EMD amount of the tender within 7 days failing which it will be debarred from participation in any tender for a period of 1 year for the same item(s).

19. Purchaser's Right to Accept or Reject any or all Bids

The Purchaser reserves the right to accept or reject any bid and to annul the bidding process and reject all bids at any time prior to contract award, without thereby incurring any liability to the affected bidder or bidders or any obligation to inform the affected bidder or bidders of the grounds for the Purchaser's action. No dispute of any kind can be raised against this right of the Purchaser in any court of law or elsewhere.

20. Registration under GST

- 20.1 The bidder should be registered under GST and furnish GST registration number in their offer unless they are specifically exempt from registration under specific notification / circular / section / rule issued by statutory authorities. The bidder claiming exemption in this respect shall submit supporting documents as well as certificate from Practicing CA/CMA/CS to the effect that Bidder is fulfilling all the conditions prescribed in notification to make it exempt from registration.
- 20.2 Composition Scheme: Where the bidder has opted for composition levy under Sec.10 of CGST, it should declare the fact while bidding.

21. Bid Prices

- 21.1 The bidders are required to quote their lowest prices for each of the items they are bidding for.
- 21.2 Price quoted shall be on FOR destination basis inclusive of freight, insurance and all other charges except legally applicable GST.
- 21.3 For all tender items, a single FOR destination price shall be quoted for supply to all mines of CIL i.e. FOR-CIL price shall be quoted for all items. In case of award of RC, the successful bidders shall have to supply the awarded items on a single FOR Destination rate to all the Subsidiaries of CIL and NEC.
- 21.4 Reverse Auction shall be conducted on the quoted FOR destination price of each item.
- 21.5 The bidder shall quote price of LD column and LD booster/primer separately, but the price evaluation shall be made on the basis of composite unit price. The individual price of column and booster/primer offered shall be multiplied with their respective total tendered quantity and divided by total tendered quantity of column and booster/primer to arrive at the composite unit price of LD.

For example, if P & Q are the quoted price of column and booster/primer for CIL as a whole for tendered quantity of X & Y respectively, then the composite price shall be $(PX+QY) / (X+Y)$, for evaluation of composite bid price for LD.

- 21.6 For LD explosives the system shall calculate the composite price and display the same. The

Section II – Instructions to Bidders (ITB)

ranking will be on composite price basis. The individual prices of column and booster shall not be displayed during the Reverse Auction process and shall be hidden but the composite price shall be available to all the bidders after RA is over. The break-up of composite L-1 price shall be asked separately from the L-1 bidder after the RA process through 'Confirmatory Documents' link in the portal. On completion of RA, the L2, L3... bidders shall be asked to match the individual prices of column and booster provided by the composite L1 bidder after RA for conclusion of parallel Running Contracts.

21.7 Price variation during Contract period:

- A. The RC price for cartridge explosives i.e. LD and permitted explosives shall be revised on monthly basis based on the price variation formula indicated below:

$$Pr = Po (0.15 + 0.10 \times CIr/CIo + 0.65 \times ANr/ANo + 0.10 \times HSDr/HSDo)$$

where,

Pr = Revised price as on the date of price revision.

Po = Base price as on base date.

CIr = All India Consumer Price Index (AICPI) for industrial workers [All India (2)] on a date three (3) months prior to the date of price revision, as available on RBI website (www.rbi.org.in).

CIo = All India Consumer Price Index for industrial workers [All India (2)] on a date three (3) months prior to the base date, as available on RBI website (www.rbi.org.in).

ANr = Price of Ammonium Nitrate on a date 5 days prior to the date of price revision.

ANo = Price of Ammonium Nitrate (AN), as on base date.

The price of AN shall be simple average price of the ex-works AN (100% Melt) price of Rashtriya Chemicals & Fertilizers Limited (RCF) (Rs/MT) & Gujarat Narmada Valley Fertilizers & Chemicals Ltd (GNFC) (Rs/MT) valid on the particular dates (base date & revision date).

HSDr = Retail Selling Price of Diesel in Kolkata, as available on the website of Petroleum Planning & Analysis Cell, MoPNG (www.ppac.gov.in), on a date 5 days prior to the date of price revision.

HSDo = Retail Selling Price of Diesel in Kolkata, as available on the website of Petroleum Planning & Analysis Cell, MoPNG (www.ppac.gov.in), as on base date.

- The base price for any item shall be the RC price to be finalized against this tender
- The base date for 1st revision shall be date of the reverse auction.
- The revised price/indices of each month shall be the base price/indices for next monthly revision of explosives.
- All indices shall be measured from the respective dates as mentioned above.
- The first price revision for explosives shall take place on the 1st day of a month following completion of 1 month from the reverse auction date ignoring part of the month in which reverse auction conducted. Subsequent revision shall take place exactly after every 1 month (Ex: If reverse auction date is 10.10.2025 then the first price revision will be on 1.12.2025 for Explosives).
- The price revision for explosives shall not have any ceiling.

Section II – Instructions to Bidders (ITB)

- B. The RC price of accessories i.e. items other than LD, Permitted explosive and Cast Booster (PETN-TNT) shall be revised on quarterly basis based on the price variation formula indicated below:

$$Pr = Po (0.15 + 0.85 \times Clr/ClO)$$

where Pr, Po, Clr & ClO have meanings as above.

- The base price for any item shall be the RC price to be finalized against this tender
- The base date for 1st revision shall be date of the reverse auction.
- For accessories, the revised price/indices of each quarter shall be the base price/indices for next quarterly revision.
- All indices shall be measured from the respective dates as mentioned above.
- The first price revision for accessories shall take place on the 1st day of a month following completion of 3 months from the reverse auction date ignoring part of the month in which reverse auction conducted. Subsequent revision shall take place exactly after every 3 months
(Ex1: If reverse auction date is 10.10.2025 then the first price revision will be on 01.02.2026 for Explosives
Ex2: If reverse auction date is 01.10.2025 then the first price revision will be on 01.01.2026 for Explosives).
- The price revision for accessories shall not have any ceiling.

- C. The RC price of Cast Booster (PETN-TNT) shall be revised on quarterly basis based on the price variation formula indicated below:

$$Pr = Po (0.15 + 0.50 \times Clr / ClO + 0.35 \times TNTTr / TNTTo)$$

where Pr, Po, Clr & ClO have meanings as above.

TNTTr = Price of TNT on a date 5 days prior to the date of price revision.

TNTTo = Price of TNT, as on base date.

The price of TNT shall be the ex-works price of High Explosives Factory (HEF), Pune (Rs/MT) valid on the particular dates (base date & revision date).

- The base price for any item shall be the RC price to be finalized against this tender
- The base date for 1st revision shall be date of the reverse auction.
- For accessories, the revised price/indices of each quarter shall be the base price/indices for next quarterly revision.
- All indices shall be measured from the respective dates as mentioned above.
- The first price revision for accessories shall take place on the 1st day of a month following completion of 3 months from the reverse auction date ignoring part of the month in which reverse auction conducted. Subsequent revision shall take place exactly after every 3 months
(Ex1: If reverse auction date is 10.10.2025 then the first price revision will be on 01.02.2026 for Explosives
Ex2: If reverse auction date is 01.10.2025 then the first price revision will be on 01.01.2026 for Explosives).

Section II – Instructions to Bidders (ITB)

- The price revision for accessories shall not have any ceiling.

D. RC prices for Explosives & Accessories w.e.f. start date of RC till the first revision and also in between subsequent revisions shall remain firm.

21.8 Conditional discounts shall not be considered. If a bidder offers a discount unilaterally after submission of bid, the discount shall not be considered for evaluation of offers but shall be availed if order is placed on such tenderer.

22. Opening of Bids by Purchaser

- a) The Techno-Commercial Bids (Cover-I) will be decrypted on-line and will be opened on the pre-scheduled date and time of tender opening.
- b) Price-Bid (Cover-II) will be opened after evaluation of Cover-I. The Cover-II of only the techno-commercially acceptable bidders (qualified bidders against Cover-I) shall be decrypted and opened on the scheduled date & time for which separate intimation will be given to the techno-commercially acceptable bidders through the e-procurement portal.
- c) Upon opening of the Price Bid, system will allow for Auto Financial opening whereby no comparative statement will be generated but Reverse Auction Platform named “Auction BOQ” will be created. Reverse Auction process will follow as mentioned in Clause 26, ITB.

23. Techno-Commercial Evaluation of Tender

- a) Based on the response to TPS and CPS templates, the portal will initially evaluate eligible bidders. Subsequently, the bidder’s response in TPS and CPS will be scrutinized/ verified and evaluated by the concerned departments with the documents uploaded by the bidders to determine whether they are in conformity with the tender document.
- b) Any bid which has not been submitted either with the requisite amount of EMD or the valid exemption document will not be considered for further evaluation.
- c) During evaluation of the uploaded documents, shortfall documents, if required, will be sought from the bidders. For this purpose, only 1(one) chance, of 7 x 24 hours duration shall be given to the bidders to upload these clarification / shortfall / confirmatory documents.
- d) Purchaser will determine the techno-commercial acceptability of the bidders on the basis of the original offer and subsequent clarifications/confirmation, if any. For the purpose of this determination, a techno-commercially acceptable bid is one, which conforms to all the terms and conditions of the Bid Document and the requirements of all commercial terms and mandatory technical specifications without deviations, exceptions, objections, conditionality or reservations.
- e) After techno-commercial evaluation of bids, price bids of the techno-commercially acceptable bidders will be opened. The Techno-commercial bid that is not meeting the NIT requirement will be rejected by the Purchaser.

24. Shortfall / Confirmatory Documents

During evaluation and comparison of bids, the purchaser may ask the bidder for clarifications on the bid. The request for clarification shall be communicated to the bidder via the purchaser’s portal, asking the bidder to respond by a specified date. If the tenderer does not comply or respond by the specified date, their tender will be liable to be rejected. No change in prices or substance of the bid shall be sought, offered or permitted. No post-bid clarification

Section II – Instructions to Bidders (ITB)

at the initiative of the bidder shall be entertained.

The shortfall information/documents shall be sought only in case of historical documents which pre-existed at the time of the tender opening and which have not undergone change since then. (Example: if the Permanent Account Number, registration with Sales Tax/ VAT/ GST has been asked to be submitted and the tenderer has not provided them, these documents may be asked for with a target date as above).

So far as the submission of documents is concerned with regard to qualification criteria, after submission of the tender, only related shortfall documents shall be asked for and considered. For example, if the bidder has submitted a supply order without its linkage order(s) / completion / performance certificate, the linkage order(s) / certificate related to that supply order can be asked for and considered. However, no new supply order shall be asked for so as to qualify the bidder.

These documents are to be uploaded within the specified time period. The above documents will be specified on-line under the link ‘Upload Shortfall / Confirmatory Documents’, after scrutiny of bids, indicating the start date and end date giving only one chance of 7x24 hours duration for online submission by bidder. The bidders will get this information on their personalized dashboard under “Upload Shortfall/ Confirmatory Document/Information” link. Additionally, information shall also be sent by system generated email and SMS, but it will be the bidder’s responsibility to check the updated status/ information on their personalized dashboard at least once daily after opening of bid.

The Purchaser reserves the right to verify any of the documents uploaded by the bidder at any stage. All communication will be on e-mail and SMS basis and no separate communication will be made in this regard. Non-receipt of e-mail and SMS will not be accepted as a reason of non-submission of documents within prescribed time.

- 25. Evaluation of tender and L1 Status:** The evaluation of tender shall be done based on cost to company basis. The cost to company shall be ascertained by reducing the total value (including GST) quoted by the bidder by the amount of GST eligible for input tax credit. The L1 shall be decided based on cost to company ascertained in the manner suggested above.

Where the supplier is an unregistered one i.e. (exempt from registration under GST) supplying taxable item causing subsidiary company liable to deposit tax under reverse charge, the GST, as applicable and payable by respective subsidiary under reverse charge, shall be added to cost while ascertaining the landed price. However, in this case also, the L1 shall be decided based on cost to company ascertained after deducting the GST amount eligible for input tax credit, if any, from the total value including tax arrived as above.

The Tax Invoice raised by the supplier must be in compliance of relevant GST Acts, rules & notifications made thereunder and should bear the GSTIN of respective areas of respective subsidiary. The rate and amount of CGST & SGST or IGST related to supply of goods shall be shown separately in tax invoice. In case the bidder has opted for composition levy, the Bill of Supply shall be raised by him in compliance of relevant GST Acts, rules & notifications made thereunder.

The CGST & SGST or IGST, as applicable at the time of supply, shall be paid extra against submission of proper Tax invoice, as referred above, by the supplier so that the respective subsidiary could be able to avail Input tax credit of such CGST & SGST or IGST reflected in

Section II – Instructions to Bidders (ITB)

the invoice.

If the ITC claimed is disallowed due to failure on the part of supplier in incorporating the tax invoice issued to subsidiary company in its relevant returns under GST, payment of CGST & SGST or IGST shown in tax invoice to the tax authorities, issue of proper tax invoice or any other reason whatsoever, the applicable GST paid based on such Tax invoice shall be recovered by the respective Subsidiary Company from the current bills or any other dues of the supplier.

In the event of any additional tax liability accruing on the supplier due to classification issue or for any other reason, the liability of subsidiary company shall be restricted to the amount of GST charged on the original tax invoice issued by the supplier.

In addition to above, if any other tax/duties are levied over supply of such item in future, it shall be paid extra.

E-way Bill: The e-way bill, if any, required in connection with supply of goods or services shall be arranged by the supplier. However, the e-way bill will be arranged by the subsidiary company if the supplier is unregistered one.

Where a tax invoice has been issued for supply of explosives / accessories and the taxable value or tax charged in that tax invoice is found to exceed the taxable value or tax payable in respect of such supply due to Price revision, the registered person, who has supplied explosives/accessories, shall issue to the recipient a credit note containing such particulars as may be prescribed.

Where a tax invoice has been issued for supply of explosives/accessories and the taxable value or tax charged in that tax invoice is found to be less the taxable value or tax payable in respect of such supply due to Price revision, the registered person, who has supplied explosives, shall issue to the recipient a debit note containing such particulars as may be prescribed.

26. Reverse Auction

Reverse Auction process shall be as under:

- (a) Upon opening of the price bids of only techno-commercially acceptable bidders, system will allow for Auto Financial opening whereby no comparative statement will be generated but Reverse Auction platform will be created.
- (b) Reverse Auction will be initiated normally within 2 hours after opening of price bids and a multi auction template (in excel format) will be uploaded.
- (c) The multi auction template will display only the item-wise L-1 price received, decrement value, starting time and end time. The number and name of bidders participating in the Reverse Auction shall not be made visible to other bidders.
- (d) Reverse Auction shall be conducted in two-lots. The RA for first lot will be initiated normally within 2 hours after opening of price bids and the RA for second lot will be initiated normally after 1-2 hours after commencement of RA of the first lot.
- (e) The L-1 FOR Destination Price of each item will be “Start Bid Price” for respective item of the NIT.
- (f) There will be no participation fees for e-Reverse auction.
- (g) During the reverse auction process, bidders shall not be allowed to bid equal to or higher than the lowest bid received till that time from any bidder.
- (h) The decrement value will be 0.5% of the start bid price with minimum of Rs.1.00, as the

Section II – Instructions to Bidders (ITB)

system does not have a provision of taking amounts less than Rs.1.00 as decrement value. The reduction shall have to be made as per decrement value or in multiple thereof. In order to have ease of submission of reverse auction bid by the bidders, the decrement value will be rounded off to nearest value as under:

- i) For decrement values up to Rs. 10/-, rounding off will be made to nearest rupee;
 - ii) For decrement values from Rs. 11/- to Rs. 100/-, rounding off will be made to nearest 10;
 - iii) For decrement value from Rs. 101/- to Rs. 1,000/-, rounding off will be made to nearest 100;
 - iv) For decrement value from Rs. 1,001/- to Rs. 10,000/-, rounding off will be made to nearest 1,000;
 - v) For decrement value from Rs. 10,001/- to Rs. 1,00,000/-, rounding off will be made to nearest 10,000;
 - vi) For decrement value from Rs. 1,00,001/- to Rs. 10,00,000/-, rounding off will be made to nearest 1,00,000 and so on...
- (i) The maximum seal percentage in one go shall be fixed as 2% over and above the normal decrement of 0.5%, i.e., 2.5% of Start Bid price or the last quoted price during reverse auction, whichever is lower.

This shall be worked out as under:

$$DV1 = (DV + 2/100 \times L1)$$

Where,

DV = Decrement Value (fixed) as indicated in NIT

DV1= Maximum range of decrement (Bidders can offer reduction in multiples of DV within this range)

L1 = Start Bid Price or Current Lowest Price as displayed during reverse auction

If the start bid price is Rs. 21000 and decrement value is Rs. 100, the maximum seal percentage will be 2% of 21000 i.e. Rs. 420 and upper range of reduction shall be Rs. 520 (100+420). However, as reduction has to be in multiples of decrement value, maximum reduction that can be offered by the bidder will be Rs. 500 only and hence, first reduced bid in reverse auction cannot be below Rs. 20500.

In the above scenario, the seal percentage for 2nd bid will be 2% of 20500 i.e. Rs. 410 and the upper range of reduction shall be Rs. 510 (100+410). Thus, maximum reduction that can be offered will again be Rs. 500 only in multiples of Rs. 100 (decrement value).

- (j) Initial period of reverse auction will be two hours. There will be auto extension of time every time by 30 minutes in case of any reduction recorded in the last 30 minutes. The reverse auction will come to a close only when there is no further reduction recorded in the last 30 minutes slot.

Since there are multiple items, auto extension will take place only for the item(s) for which any reduction has been recorded in last thirty minutes. For rest of the items for which no reduction has been recorded in the last thirty minutes, the Reverse Auction will close.

- (k) System protects bid and bidder information till auction gets over and displays current L-1 price to the bidder in auction hall.
- (l) The log details of the entire reverse auction process will be generated by the system once the process of reverse auction is completed.

For LD explosives, the bid history shall reflect only the composite price calculated as explained earlier. The individual prices of column and booster shall not be displayed during the Reverse Auction process and shall be hidden but the composite price shall be available to all the bidders after RA is over.

- (m) Break-up of Composite Price of LD Explosives: The L1 bidder after the reverse auction

Section II – Instructions to Bidders (ITB)

has to upload the breakup of the L1 Composite Price of LD Explosives online, through confirmatory link. The breakup of offered L1 Composite Price, uploaded by the bidder shall be considered and order, if placed, shall be with the same breakup of prices for LD Column and Booster/Primer. While giving the break up, the bidder will not be allowed to increase the initial quoted rate of Column or Booster. The composite price may be either equal to the price offered in reverse auction or less. The L1 bidder after reverse auction will be responsible to ensure that the Composite Price as per the breakup of prices provided by him after the reverse auction and the L1 Composite Price offered by him in the reverse auction is the same or less, otherwise it may be treated as withdrawal of offer and will attract penal action.

- (n) If a bidder does not submit his bid in the Reverse Auction, the price quoted by him in the price bid (BOQ) shall be considered as the valid price of that bidder. The status of the bidder (L1, L2 etc.) shall be evaluated considering either the bid price submitted in Reverse auction or the Price quoted in the price bid, whichever is lower.
- (o) Since, reverse auction is a sequel to e-tender, the process of finalizing the tender upon completion of reverse auction will be the same as the tender process without reverse auction.
- (p) The Auction bid history shall reflect only the composite price in case of LD Explosives.
- (q) All electronic bids submitted during the reverse auction process shall be legally binding on the bidder. The chronologically last bid submitted by the bidder till the end of the auction will be considered as the valid price bid offered by that bidder and acceptance of the same by CIL will form a binding contract between CIL and the bidder for entering into a running contract for supply of Cartridge Explosives and accessories.
- (r) Server time shall be basis of start time and closing time for bidding and shall be binding for all.
- (s) On expiry of the closing of the auction, the bid history showing all the last valid bids offered along with name of the bidders shall be published in the portal. All bidders shall have the facility to see and get a print of the same for their record.
- (t) If the lowest price received during reverse auction is unreasonable or it is unacceptable on ground of being too high or too low compared with estimated price, LPP, etc., the management reserves right to seek justification of the price from lowest bidder. If the price is not considered reasonable, management may not accept such bid and go for another tender process.
- (u) In case of disruption of service at the service providers' end while the reverse auction process (RAP) is online, due to any technical snag or otherwise attributable to the system failure at the server end, the RAP will start over again. In such situation, the last recorded lowest price of prematurely ended RAP will be the 'Start Bid Price' for the restarted RAP. The prices quoted in the prematurely ended RAP will be binding on all the bidders for consideration, if the restarted RAP does not trigger within the stipulated time.
- (v) Disruption and restarting of RAP shall be intimated to all the bidders through system/SMS/e-mail through e-procurement portal. All the time stipulations of normal RAP will be applicable to the restarted RAP.

27. Computational Errors

Computational errors will be rectified on the following basis:

- (a) If there is a discrepancy between the unit price and the total price that is obtained by multiplying the unit price and the quantity, the unit price shall prevail, and the total price shall be corrected. If there is a mistake in addition / subtraction of the total of unit prices, the unit price shall prevail and the total price shall be corrected.
- (b) If there is an error in a total corresponding to the addition or subtraction of subtotals, the subtotals shall prevail and the total shall be corrected; and

Section II – Instructions to Bidders (ITB)

(c) If there is a discrepancy between words and figures, the amount in words shall prevail.

Such types of discrepancies in the offer shall be conveyed to the bidder asking it to respond by a target date and if the bidder does not agree to Purchaser's observation, the offer is liable to be rejected and EMD will be forfeited.

28. Contacting the Purchaser

1. Subject to ITB Clause-24, no bidder shall contact the Purchaser on any matter relating to its bid, from the time of the bid opening to the time the Contract is awarded.
2. Any effort by a bidder to influence the Purchaser in its decisions on bid evaluation, bid comparison or contract award may result in the rejection of the bidder's bid.

29. Distribution of quantity

29.1 *If L1 bidder is not 'Class-I Local Supplier'-MSE, then a 'Class-I Local Supplier'-MSE participating in the tender, which is not L1 bidder but is quoting within price band of L1+15%, shall be allowed to supply 25% of the item-wise total tendered quantity, subject to matching L1 price. In case of more than one such 'Class-I Local Supplier'-MSEs, the 25% supply shall be shared proportionately.*

If 'Class-I Local Supplier'-MSE is L1 bidder, then they will be eligible for quantity as per 100% distribution clause of the NIT. If 'Class-I Local Supplier'-MSE who is L1 bidder has quoted for less than 25% of tendered quantity for that item, the 'Class-I Local Supplier' MSEs who are in L1+15% price band shall be eligible for supply of the remaining quantity of the 25% tendered quantity, subject to matching L1 price.

In case the above mentioned distribution results in 'Class-I Local Supplier' MSEs being awarded quantity less than what they would have obtained as per 100% distribution clause, then 100% distribution clause as defined by clauses-29.4 to 29.14 below shall prevail.

If the 'Class-I Local Supplier' MSEs do not match the price of L1, they are not eligible for issue of RC.

29.2 *In case no bidder is awarded purchase preference as per above clause, then any 'Class-I Local Supplier' participating in the tender who is not L1 bidder and is quoting price within price band of L1+20% shall be allowed to supply 50% of the item-wise total tendered quantity, subject to the bidder matching their quoted price to L1 price in a situation where L1 price is from a 'Class-II Local Supplier. In case of more than one such 'Class-I Local Supplier, the supply shall be shared proportionately.*

If 'Class-I Local Supplier' is L1 bidder and no purchase preference has been given to 'Class-I Local Supplier'-MSE, then the 'Class-I Local Supplier' who is the L1 bidder shall be eligible for quantity as per 100% distribution clause of the NIT. If as per 100% distribution clause, 'Class-I Local Supplier' who is L1 bidder is eligible for less than 50% of tendered quantity for that item, the 'Class-I Local Suppliers' who are in L1+20% price band shall be eligible for supply of the remaining quantity of the 50% tendered quantity, subject to matching L1 price.

If 25% order quantity has already been distributed among 'Class-I Local Supplier' MSEs as defined at clause-29.1 above, purchase preference to other 'Class-I Local Suppliers' (whether MSE or not) who are quoting in the L1+20% price band and willing to match

Section II – Instructions to Bidders (ITB)

their quoted price to L1 price, shall be for only 25% of the tendered quantity for that item.

In case 50% quantity is distributed among 'Class-I Local Suppliers' (including MSEs), then the distribution policy described below shall be applicable only for 50% of tender quantity. However, 'Class-I Local Suppliers' (including MSEs), who have already been awarded 50% of the tender quantity will not be eligible for general distribution.

In case the above mentioned distribution results in 'Class-I Local Suppliers' being awarded quantity less than what they would have obtained as per 100% distribution clause, then 100% distribution clause as defined by clauses-29.4 to 29.14 below shall prevail.

- 29.3 *If any quantity has been allotted to 'Class-I Local Supplier' (MSE or not) based on Purchase Preference, then the remaining quantity shall be treated as 100% and distributed between of [N-x] suppliers as per distribution defined under below clauses-29.4 to 29.14. Here, 'N' is the number of parallel running contracts to be concluded against each item as provided in Annexure-8 and x is the number of suppliers already eligible for purchase preference as per Clauses-29.1 and 29.2 above. In case N-x is less than '1', then the remaining quantity shall be distributed only on one supplier.*
- 29.4 *The tender quantity shall be distributed normally amongst 2/3/4/5 bidders i.e., L-1, L-2, L-3, L-4 and L-5 bidders, at L-1 price (which will be counter-offered to the L-2 to L-5. bidders) in the following manner, (L1 means the lowest bidder and L2 means the next higher bidder and so on).*
- 29.5 *In all the cases the L2, L3, L4 and L5 bidders shall have to match the L1 price to be eligible for distribution. It shall be obligatory on the part of the L2, L3.... bidders of LD explosives to match individual rates of column and booster quoted by the composite L1 bidder to be eligible for distribution.*
- 29.6 *If any of L2, L3, L4 and L5 etc. bidders do not accept L-1 price, then next higher bidders shall be given the opportunity to match the L-1 price. In such cases the L6 bidder, if agrees to match with L1 price, shall be treated as the logical L2 bidder and the L7 bidder if agrees to match with L1 price, shall be treated as the logical L3 bidder and so on till the all the logical L2, L3, L4 and L5 bidders, who agree to accept L1 price are reached .For example, if L2 does not agree to match L1 Price and L3 agrees to do so, the L3 shall be treated as logical L2 and so on.*
- 29.7 *In case the sum of offered qty. of L1, L2, L3, L4 and L5 bidders is equal to the tender quantity, the distribution shall be made as per their offer qty.*
- 29.8 *In case the sum of offer qty. of L1, L2, L3, L4 and L5 bidders is less than the tender quantity, the full offered qty. of L1, L2, L3, L4 and L5 will be booked first in that sequence and the balance requirement shall be offered to L6, L7 bidders and so on at L-1 price till the full requirement is met.*
- 29.9 *In case the sum of offer qty. of L1, L2, L3, L4 and L5 bidders is more than the tender quantity, the ratio of distribution amongst L1, L2, L3, L4 and L5 bidders shall be 35:25:20:10:10 (limited to their offer qty.) respectively.*
- 29.10 *If the total combined offered quantity is more than the tendered quantity, CIL shall restrict the distribution up to L-2/L-3/L-4/ L-5, as the case may be (or logical L-3/L4/L-5) tenderers.*

Section II – Instructions to Bidders (ITB)

The distributed quantity shall however be limited to the offered quantity of the various bidders (L-1, L-2, L-3, L-4 and L-5 bidders) and the total quantity in excess of the designated share of any one/more bidders over their offer quantity will be distributed in a fair and equitable manner within the group of eligible bidders (L1 to L5).

- 29.11 *In case only four prices i.e. L1, L2, L3, L4 are obtained due to absence of L5 bidder OR L5 or higher bidder's unwillingness to match the L1 price, the RC qty. shall be distributed amongst L1, L2, L3 & L4 bidders only in the ratio of 40:30:20:10 limited to their offer qty.*
- 29.12 *In case only three prices i.e. L1, L2, L3 are obtained due to absence of L4 bidder OR L4, L5 or higher bidder's unwillingness to match the L1 price, the RC qty. shall be distributed amongst L1, L2, & L3 bidders only in the ratio of 50:30:20 limited to their offer qty.*
- 29.13 *In case only two prices i.e. L1 & L2 are obtained due to absence of a L3 or L4 bidder OR L3 or higher bidder's unwillingness to match the L1 price, the RC qty. shall be distributed amongst L1 and L2 bidders only in the ratio of 60:40 limited to their offer qty.*
- 29.14 *The above distribution pattern shall be applicable for all items, considering CIL as a whole as per the proposed number of parallel RCs for individual items indicated at Annexure-8.*

30. Reserve RC

- 30.1 Apart from conclusion of RCs with the tenderers found eligible as per terms and condition listed in the NIT, all other firms, who are techno-commercially acceptable and accept the counter offered L-1 rate for the item would be empaneled as "Reserve RC holder" for supply of cartridge explosives and accessories during the contract period by entering into a suitable contract with them. They would be contractually bound to supply explosives and accessories with the same price and terms and conditions as awarded to successful tenderers at any point of time during the contract period. However, they shall be given 15 days' time to commence supplies from the date of issue of first allocation by the Subsidiaries.
- 30.2 Accordingly, all the techno-commercially acceptable bidders will be given an opportunity to match the acceptable L1 prices against each item and if they agree, such bidders will be empaneled as Reserve RC holders as above. In case of non-supply by any of the regular RC holders within the stipulated delivery period, bidder(s) empaneled as "Reserve RC holder" will be given an opportunity to supply the undelivered quantity at the RC price & terms and conditions.

Note:

Allocation to Reserve RC (s) will be made by the subsidiary companies in any or both of the following cases:

- (a) In case of non-supply of the ordered/allocated quantities as per RCs by the Regular RC holder(s) even after having served due notice in this regard;
- (b) In case requirement of a subsidiary company exceeds the 40% of the quantity of the Regular RC holders and Regular RC holders are not willing to supply extra quantity.

The distribution of the quantity amongst the Reserve RC holders will be done by the subsidiary companies preferably in an equitable manner but supplies shall not be delayed

Section II – Instructions to Bidders (ITB)

on this ground.

- 31. Quantity variation:** CIL / subsidiaries reserve the right to increase/decrease the ordered/allocated quantity to the extent of (+/-) **40% (Forty percent)** of the RC quantity keeping in view the actual need of the subsidiary companies. In exigencies, the quantity may be increased even beyond **40% (Forty percent)**, limited to the PESO License capacity, with the specific approval from CIL. Bidders shall be required to accept the order for such higher/lower quantity at the same terms, conditions and price during the validity of the running contracts.

Note: Since CIL / subsidiaries reserve the right to increase the ordered/allocated quantity to the extent of (+) 40% (Forty percent) of the RC quantity, the bidders shall ensure PESO license capacity to meet 140% of their quoted quantity during the currency of the RC (If not already available).

32. Supply of extra quantity

- 32.1 In case of failure of a particular RC holder to supply the cartridge explosives or accessories, the unsupplied/ balance order quantity may be cancelled/reduced from the contract of the defaulting supplier after giving due notice to him and the cancelled order quantity of the defaulting supplier shall be re-distributed amongst other suppliers, including Reserve RC holders, as the case may be, within that subsidiary co. Supply of extra quantity have to be preferably on ex-stock basis.
- 32.2 The opportunity to supply extra quantity on ex-stock basis shall be given first to existing RC holders and if the requirement is not met, then to Reserve RC holders. The distribution of extra quantity amongst the RC holders/ Reserve RC holders may be done preferably in an equitable manner but supplies not being delayed on this ground. Subsidiaries shall have the liberty to obtain extra supplies first from any/all of the RC holders and then from any/all the Reserve RC holders.
- 32.3 In case requirement of a subsidiary company exceeds the 40% of RC quantity and Regular RC holders are not willing to supply extra quantity, subsidiary company may allocate additional quantity on Reserve RC holder.
- 32.4 The subsidiaries shall give at least 15 days' time to Reserve RC holders to commence supplies. Allocation and RE-11 should be issued accordingly.

33. Award of Contract

The Purchaser shall award 'Running Contract' / 'Reserve Running Contract' on the successful bidders as per the provisions of the NIT. The 'Running Contract' / 'Reserve Running Contract' shall be legally binding on the bidder.

34. Security Deposit

As per provisions of Clause – 6 of Section-III GCC and Clause – 2 of Section IV SCC.

35. Code of Integrity for Public Procurement:

CIL, its subsidiaries as well as bidders, contractors, suppliers and consultants under contract with CIL or its subsidiaries shall observe the highest standard of ethics during the procurement and/or execution of such contracts.

In pursuit of this policy, for the purpose of this provision, the terms set forth below are defined

Section II – Instructions to Bidders (ITB)

as follows:

1. "Corrupt Practice" means making offers, solicitation or acceptance of bribe, rewards or gifts or any material benefit, in exchange for an unfair advantage in the procurement process or to otherwise influence the procurement process or contract execution;
2. "Fraudulent Practice" means any omission or misrepresentation that may mislead or attempt to mislead so that financial or other benefits may be obtained or an obligation avoided. This includes making false declaration or providing false information for participation in a tender process or to secure a contract or in the execution of a contract;
3. "Anti-competitive Practice" means any collusion, bid rigging or anti-competitive arrangement, or any other practice coming under the purview of The Competition Act 2002, between two or more bidders, with or without the knowledge of the Purchaser, that may impair the transparency, fairness and the progress of the procurement process or to establish bid prices at artificial, non-competitive levels;
4. "Coercive Practice" means harming or threatening to harm, directly or indirectly, at any stage, persons or their property to influence their participation in the procurement process or affect the execution of a contract;
5. "Conflict of interest" means participation by a bidding firm or any of its affiliates that are either involved in the consultancy contract to which this procurement is linked; or if they are part of more than one bid in the procurement; or if the bidding firm or their personnel have relationships or financial or business transactions with any official of Procuring Entity who are directly or indirectly related to tender or execution process of contract; or improper use of information obtained by the (prospective) bidder from the Procuring Entity with an intent to gain unfair advantage in the procurement process or for personal gain; and
6. "Obstructive practice" means materially impede the Procuring Entity's investigation into allegations of one or more of the above mentioned prohibited practices either by deliberately destroying, falsifying, altering; or by concealing of evidence material to the investigation; or by making false statements to investigators and/or by threatening, harassing or intimidating any party to prevent it from disclosing its knowledge of matters relevant to the investigation or from pursuing the investigation; or by impeding the Procuring Entity's rights of audit or access to information.

Procuring authorities, as well as bidders, suppliers, contractors and consultants, are obliged under Code of Integrity for Public Procurement to suo moto proactively declare any conflicts of interest (coming under the definition mentioned above – pre-existing or as and as soon as these arise at any stage) in any procurement process or execution of contract. Any bidder must declare in LoB any previous transgressions of such a code of integrity with any entity, in any country, during the last three years, or of being debarred by any other Procuring Entity. Failure to do so would amount to violation of this code of integrity.

Punitive Provisions: A particular violation of code of integrity may span more than one of the above mentioned unethical practices. Without prejudice to and in addition to the rights of the Procuring Entity to other penal provisions as per the bid documents or contract, if the Procuring Entity comes to a conclusion that a (prospective) bidder/supplier, directly or through an agent, has violated this code of integrity in competing for the contract or in executing a contract, the Procuring Entity may take appropriate measures including one or more of the following:

1. If his bids are under consideration in any procurement
 - i. Forfeiture or encashment of bid security;
 - ii. Calling off of any pre-contract negotiations; and
 - iii. Rejection and exclusion of the bidder from the procurement process.

Section II – Instructions to Bidders (ITB)

2. If a contract has already been awarded
 - i. Cancellation of the relevant contract and recovery of compensation for loss incurred by the Procuring Entity;
 - ii. Forfeiture or encashment of any other security or bond relating to the procurement;
 - iii. Recovery of payments including advance payments, if any, made by the Procuring Entity along with interest thereon at the prevailing rate. The due amount may be recovered from the bills of the supplier against any existing/future contract(s) with CIL and/or any of its subsidiaries.
3. Provisions in addition to above:
 - i. Removal from the list of registered suppliers and banning/debarment of the bidder from participation in future procurements of the Procuring Entity for a period not less than one year;
 - ii. In case of anti-competitive practices, information for further processing may be filed under the signature of a General Manager level officer, with the Competition Commission of India; and
 - iii. Initiation of suitable disciplinary or criminal proceedings against any individual or staff found responsible.

36. Banning of Business

36.1 The banning of business shall also be considered in the following cases:

- (i) If the Directors, Proprietors, Employees, Partners or any Representative of the firm is/are found guilty of offences involving any security consideration including loyalty to the State, in connection with business dealings with CIL or its Subsidiaries.
- (ii) If the Director, Proprietor or Partner, Manager or any Representative of the firm is convicted by a court of law
 - a) under the Prevention of Corruption Act, 1988 or under the Indian Penal Code or any other law for the time being in force for offences involving moral turpitude in business dealings; or
 - b) under the Indian Penal Code or any other law for the time being in force, for causing any loss of life or property or causing a threat to public health as part of execution of a public procurement contract.
- (iii) Violation / transgression of Integrity Pact.
- (iv) If there are strong reasons to believe that the Directors, Proprietors, Managers or any Representative of the firm has/have been guilty of or found to be indulging in malpractices/ unethical commercial practices such as bribery, corruption, fraud, substitution of tenders, interpolation, etc.
- (v) If there is strong justification for believing that the proprietor or employee or representative of the firm has been guilty of evasion or habitual default in payment of any tax levied by law; etc.
- (vi) Wilful suppression of facts or furnishing of wrong information, false declaration or manipulated or forged documents by the firm or using any other illegal/unfair means.
- (vii) Drawing double payment or submitting invoice for double payment for the supply of same materials or carrying out the same job/work.
- (viii) Supplying defective materials and failure to replace the defective materials even after reasonable extension is given to the firm for rectification/ replacement of the defective materials or carrying out defective/poor quality job, not conforming to specifications of the contract and failure to rectify it within the stipulated time.
- (ix) If the firm repeatedly and/or habitually resorts to revision of price and terms of offer within the validity period of the tender and/or submission of ambiguous and misleading

Section II – Instructions to Bidders (ITB)

- offers, post tender modifications in order to undermine the decision-making process.
- (x) Failure to pay legitimate dues to CIL/Subsidiary Companies including dues arising out of Risk Purchase and when CIL and/or its Subsidiary Companies are satisfied that this is not due to any reasonable dispute which would attract proceedings in arbitration or a Court of Law.
 - (xi) Continued and repeated failure to meet contractual obligations.
 - (xii) Canvassing and lobbying to get undue favor from the Company.
 - (xiii) Formation of price cartels with other suppliers/contractors with a view to artificially hiking the prices.
 - (xiv) Any other misdeed, which may cause financial loss or commercial disadvantage to the Company.

36.2 The debarment done by Department of Expenditure (Govt. of India) / Ministry of Coal shall be applicable in CIL and its subsidiaries.

36.3 No contract of any kind whatsoever shall be placed on debarred firm after issue of a debarment order by Department of Expenditure (Govt. of India) / Ministry of Coal / CIL, during the period of debarment, if such debarment has been done before the last date of bid submission.

36.4 The period of banning shall be decided based on the gravity of the offence and the quantum of loss suffered by CIL or the Subsidiary Companies. In case of banning under sub-clauses (i), (ii) & (iii) above, the banning period shall not be exceeding three years. In case banning under other sub-clauses, banning period shall not exceed two years.

- 37. Pre-Contract Integrity Pact:** The bidders will have to upload along with their offer, digitally signed Pre-Contract Integrity Pact as per format enclosed as Annexure-6, failing which offer may not be considered. This Pre-Contract Integrity Pact is available for downloading under Work Item Documents against this tender at the e-procurement portal. The bidders will have to download this Pre-Contract Integrity Pact and shall have to upload it at “Pre Contract IP DOC” folder only while uploading their offer. The digitally signed Pre-Contract Integrity Pact with Digital Signature Certificate mapped with the bidder shall be considered to be physically signed by the bidder.

In terms of the Integrity Pact, the Independent External Monitors (IEMs) nominated for this tender are as follows:

Sl.	Name of IEM	Address	e-Mail ID	Mobile No.
1	Ms. Nirmal Kaur, IPS (Retd.)	House no.8, Plot – 615, Road no.17, Jawahar Nagar, Mango, Jamshedpur, Jharkhand – 832110	nirmalkaur1983 @gmail.com	9304795041
2	Mr. K.D.Tripathi IAS (Retd)	A-5, Sector-19, Noida UP - 201301	tripathikd.1958 @gmail.com	9868506966
3	Mr. O.P Singh IPS (Retd.)	M-6, First Floor, Green Park Extension New Delhi - 110016	ops2020@gmai l.com	9818564455

In case of any grievance, bidders may approach Independent External Monitors (IEMs).

- 38. Conflict of Interest:** A bidder shall not have conflict of interest with other bidders. Such conflict of interest can lead to anti-competitive practices to the detriment of Procuring Entity’s interests. The bidder found to have a conflict of interest shall be disqualified. A bidder may

Section II – Instructions to Bidders (ITB)

be considered to have a conflict of interest with one or more parties in this bidding process for a particular item, if:

- a. they have controlling partner (s) in common; or
- b. they receive or have received any direct or indirect subsidy/financial stake from any of them; or
- c. they have the same legal representative/agent for purposes of this bid; or
- d. they have relationship with each other, directly or through common third parties, that puts them in a position to have access to information about or influence on the bid of another bidder; or
- e. bidder participates in more than one Bid in the bidding process. Participation by a bidder in more than one bid will result in the disqualification of all bids in which the parties are involved.
- f. in case of a holding company having more than one independently manufacturing units, or more than one unit having common business ownership/management, only one unit should quote. Similar restrictions would apply to closely related sister companies. Bidders must proactively declare such sister/common business/ management units in same/similar line of business.

- 39. Anti-Cartelization:** The IP address logged in the e-Procurement Portal during submission of each Bid or during Reverse Auction by the participating Bidders shall be reflected in the ‘Bid Acknowledgement’ and ‘Auction Hall Summary’ respectively. In case two or more bidders are found to bid from the same IP address, it shall be treated as circumstantial evidence for cartelization or collusion in bidding.

Based on the above circumstantial evidence or on any material, the matter of cartelization / collusive bidding or otherwise would be finalized as per recommendations of IEM(s) nominated for this tender.

In case of cartelization or apparent cartel formation, CIL reserves the right to:

- (i) ban or suspend business with the suspect bidders and cancel their bids without assigning any reason thereof and
- (ii) place order on one or more firms with exclusion of the rest without assigning any reason thereof.

- 40. Banned or Delisted or Debarred or ‘Put on Holiday’ Suppliers:**

The bidders will have to give a declaration that they have not been banned or de-listed or debarred or ‘Put on Holiday’ by any Government or quasi-Government agencies or PSUs. If a bidder and/or manufacturer has been banned or delisted or debarred or ‘Put on Holiday’ by any Government or quasi-Government agencies or PSU, this fact must be clearly stated and it may not necessarily be a cause for disqualifying them. If this declaration is not given, the bid will be rejected as non-responsive. This declaration has to be given by the bidders in the CPS.

- 41.** CIL reserves the right to issue Running Contract only for the quantities actually required by the subsidiary companies, even if lower than tender quantity.
- 42.** CIL shall not be obliged to accept the lowest tender and reserve the right to accept or reject the whole or any portion of any tender and/or divide the work among successful bidders without assigning any reason whatsoever and may even procure outside this tender, if such situation warrants.
- 43.** Bidders shall offer quantity and price for the tendered item only in terms of the unit as indicated in tender. Offers made with wrong units shall not be considered for those items for

Section II – Instructions to Bidders (ITB)

which wrong units have been quoted.

44. Information/documents are to be furnished serial wise of the respective annexures of the NIT. If no information or document is applicable against any serial number, please mention - Not Applicable.

Section III – General Conditions of Contract (GCC)

General Conditions of Contract (GCC)

Section III – General Conditions of Contract (GCC)

1. Definitions

In the interpretation of the contract and the general and special conditions governing it, unless the context otherwise requires, the following terms shall be interpreted as indicated below:

- a) “The Contract” means the agreement entered into between the Purchaser and the Supplier including all attachments and appendices thereto and all documents incorporated by reference therein including Invitation to tender, Instructions to tenderers, Acceptance of tender, Particulars and the General and Special Conditions specified in the acceptance of tender;
- b) “Contract Price” means the price payable to the Supplier under the Contract for the full and proper performance of its contractual obligations;
- c) “Goods” means all of the equipment, plant, machinery, and/or other materials which the Supplier is required to supply to the Purchaser under the Contract;
- d) “Services” means those Services ancillary to the supply of the Goods, such as transportation and insurance, and any other incidental Services, such as installation, commissioning, provision of technical assistance, training and other such obligations of the Supplier covered under the Contract;
- e) “GCC” means the Conditions of Contract contained in this section;
- f) “SCC” means the Special Conditions of Contract;
- g) “Purchaser” means the organization purchasing goods and services, i.e., Coal India Limited or its subsidiaries or areas falling under various subsidiaries of Coal India Limited;
- h) “Purchaser’s country” is India;
- i) “Supplier/Contractor” means the individual, firm or company with whom the contract has been concluded for supplying the Goods and Services under the Contract. The Supplier/Contractor shall be deemed to include its successors (approved by the purchaser), representatives, heirs, executors, administrators and permitted;
- j) “CIL” means Coal India Limited or the Subsidiary Company of CIL or areas falling under various subsidiaries of CIL where Goods are deployed/ used;
- k) “Year” means the Calendar Year.
- l) “Chairman” means the Chairman of Coal India Limited.
- m) “Chairman-cum-Managing Director” means Chairman-cum-Managing Director of any of the Subsidiary Companies of Coal India Limited, presently Central Coalfields Limited, Eastern Coalfields Limited, Western Coalfields Limited, Bharat Coking Coal Limited, Central Mine Planning & Design Institute Limited, South Eastern Coalfields Limited, Northern Coalfields Limited and Mahanadi Coalfields Limited.
- n) “Drawing” means the drawing and plans specified in or annexed to the schedule or specifications.
- o) “Inspector” means any person nominated by or on behalf of the purchaser to inspect supplies, stores or work under the contract or his duly authorized agent.
- p) “Progress Officer” means any person nominated by or on behalf of the Purchaser to visit supplier’s works to ascertain position of deliveries of Goods ordered.
- q) “Materials” shall mean anything used in the manufacture or fabrication of the stores.

Section III – General Conditions of Contract (GCC)

- r) “Stores” means the goods specified in the Supply Order or schedule which the supplier/contractor has agreed to supply under contract.
- s) “Test” means such test or tests as are prescribed by the specifications or considered necessary by the Inspector or any agency acting under direction of the Inspector.
- t) “Site” mean the place or places named in the “Supply Order” or such other place or places at which any work has to be carried out as may be approved by the purchaser.
- u) Words denoting the persons shall include any company or association or body of individuals whether incorporated or not.
- v) Words in singular include the plural and vice-versa.
- w) Words denoting the masculine gender shall be taken to include the feminine gender.
- x) “Writing” shall include any manuscript, typewritten or printed statement under or over signature or seal as the case may be.
- y) “Unit” and “Quantity” means the unit and quantity specified in the schedule.
- z) “Purchase Order” or “Supply Order” or “Order” or “Contract” means an order for supply of stores and includes an order for performance. The terms “Supply Order”, “Purchase Order”, “Order” and “Contract” are interchangeable.
- aa) “Particulars” shall mean the following:
 - i) Specifications;
 - ii) Drawing;
 - iii) Sealed pattern denoting a pattern sealed and signed by the Inspector;
 - iv) Certified or sealed sample denoting a copy of the sealed pattern or sample sealed by the purchaser for guidance of the Inspector;
 - v) Trade pattern denoting a standard of the ISI or other standardizing authority or Coal India Ltd. and/ or any of its subsidiary companies or a general standard of the industry and obtainable in the open market;
 - vi) Proprietary make denoting the product of an individual manufacturer;
 - vii) Any other details governing the construction, manufacture and/or supply as existing in the contract.
- bb) Terms and expressions not defined herein shall have the meanings assigned to them in the Indian Sale of Goods Act, 1930 or the Indian Contract, 1872 or the General Clauses Act, 1897, as amended, as the case may be.

2. Application

These Conditions shall apply to the extent that they are not superseded by provisions in other parts of the Contract.

3. Standards

The Goods supplied under this Contract shall conform to the standards mentioned in the Technical Specifications. Such standards shall be the latest issued by the concerned institution.

4. Use of Contract Documents and Information

- 4.1 The Supplier shall not, without the Purchaser's prior written consent, disclose the Contract, or any provision thereof, or any specification, plan, drawing, pattern, sample or information furnished by or on behalf of the Purchaser in connection therewith, to any person other than a person employed by the Supplier in the performance of the Contract.

Section III – General Conditions of Contract (GCC)

Disclosure to any such employed person shall be made in confidence and shall extend only so far as may be necessary for purposes of such performance.

- 4.2 The Supplier shall not, without the Purchaser's prior written consent, make use of any document or information enumerated in sub-clause 4.1 above, except for purposes of performing the Contract.
- 4.3 Any document, other than the Contract itself, enumerated in sub-clause 4.1 above shall remain the property of the Purchaser and shall be returned (in all copies) to the Purchaser on completion of the Supplier's performance under the Contract if so required by the Purchaser.

5. Patent Rights

The Supplier shall indemnify the Purchaser against all third-party claims of infringement of patent, trademark or industrial design rights arising from use of the Goods or any part thereof in the Purchaser's country.

6. Security Deposit

- 6.1 The successful tenderers will have to submit Security Deposit for the 5% value of the total landed value of the contract including all taxes, duties and other costs and charges. In case of Rate / Running Contracts the Security Deposit shall be for an amount of 5% of annual offtake contractual value; and in case RC period is longer than 1 year, SD amount shall be 5% of average annual offtake. In case of Contracts for procurement of Capital Goods along with Warranty Spares & Consumables (if applicable) and additional Spares & Consumables / AMC / CMC for more than one year, the Security Deposit shall be for 5% of equipment landed value along with maximum annual landed value of Spares & Consumables.
- 6.2 The Security Deposit shall be deposited through RTGS/NEFT/IMPS/e-BG/other digital modes or in the form of a Bank Guarantee in the prescribed format from a RBI Scheduled Bank in purchaser's country (on a non-judicial stamp paper) within 15 days from date of notification of award or placement of order.
- 6.3 The Security Deposit shall be in the same currency(ies) in which contract is to be signed/ issued. In case of multi-currency contract, separate Security Deposit Bank Guarantee (SDBG) in respective currency for required value as above shall be submitted.
- 6.4 In case of equipment, SDBG shall not be individual equipment wise. However, multiple Bank Guarantees for Security Deposit shall be permissible provided value of all the SDBGs totals to 5% of the ~~contract~~ value as mentioned above, and all are submitted simultaneously within the specified time schedule and all of them are in the same prescribed format of SDBG without linking to any particular equipment.
- 6.5 The SDBG shall remain valid up to 3 months after completion of supplies and acceptance of materials by the consignee in case of supply contracts and in case of contracts for equipment involving installation and commissioning, 3 months after the supply and commissioning of all the equipment covered in the contract.
- 6.6 If the successful tenderer fails to deposit the security deposit within 15 (fifteen) days from date of notification of award/ placement of order, another opportunity may be given to them for submission of Security Deposit within next 15 days. If the successful tenderer still fails to deposit the security deposit within the extended period but executes the supplies within scheduled delivery period, the submission of Security Deposit may be waived, as the purpose of submission of SD is fulfilled.

Section III – General Conditions of Contract (GCC)

If the Supplier fails to deposit the SD within the extended period and no supplies are made, the order shall be cancelled and the case shall be processed to order elsewhere at firm's risk and cost. Moreover, the firm's performance is to be kept recorded for future dealings with them. Further, if during execution of the contract, the firm fails to extend the Bank Guarantee for Security Deposit, suitably as required, the same shall be recorded as unsatisfactory performance for future dealings apart from taking any other penal action as may be deemed fit by CIL.

- 6.7 In cases where the successful tenderer did not submit the security deposit even within the extended period for SD submission but has supplied the materials either in full or in part after the extended period for SD submission, the SD may be deducted from the first bill or in case of insufficient amount from subsequent bill(s) of the supplier till the full SD amount is deducted. Further, a penalty equivalent to 0.5% (half percent) of SD amount for delay of each week or part thereof (period of delay is to be calculated from the 31st day from the date of notification of award/placement of order to the date of receipt of full SD/deduction of full SD) shall be levied subject to a maximum of 5% of the contract value.
- 6.8 Security Deposit will be released with the approval of HOD of MM Department/ Area GM within 30 days after completion of supplies and acceptance of material by the consignee in case of supply contractor after successful commissioning and on receipt of confirmation of Performance Bank Guarantee(s) for all the equipment covered in the contract in case of contracts for equipment and all those items/ goods involving installation and commissioning and PBG.
- 6.9 Security Deposit may be converted into Performance Bank Guarantee (PBG) wherever PBG is required at the option of the supplier. At the time of conversion of security money into PBG, it should be ensured that the amount of PBG should not be less than 10% of landed value of order. In case of Contracts for procurement of Capital Goods along with Warranty Spares & Consumables (if applicable) and additional Spares & Consumables / AMC / CMC for more than one year, the amount of PBG should not be less than 10% of equipment landed value along with maximum annual landed value of Spares & Consumables. Wherever Security Deposit is converted into PBG, the operation of such SDBG/ Performance BG shall be guided by Performance Bank Guarantee Clause.
- 6.10 All Central/State Government Organization/PSUs shall be exempted from submission of Security Deposit. OEM/OES shall also be exempted from submission of Security Deposit in case of procurement of Spare Parts for equipment against Single Tender Enquiry/Open/Limited Tenders.
- 6.11 Submission of Security Deposit is exempted for the contracts having value upto Rs.2 lakhs.
- 6.12 The SDBG will be submitted Through Structured Financial Management System (SFMS).

7. Performance Bank Guarantee

- 7.1 Wherever applicable, the successful bidder shall be required to furnish a Performance Guarantee equivalent to 10% value of the total landed value of the contract including all taxes, duties and other costs and charges. In case of Contracts for procurement of Capital Goods along with Warranty Spares & Consumables (if applicable) and additional Spares & Consumables / AMC / CMC for more than one year, the Performance Guarantee shall be for 10% of equipment landed value along with maximum annual landed value of Spares & Consumables.
- 7.2 The Performance Guarantee shall be in the form of a Bank Guarantee issued by a RBI scheduled

Section III – General Conditions of Contract (GCC)

bank in India in the prescribed format on a non-judicial stamp paper.

- 7.3 The Performance Bank Guarantee (PBG) shall be in the same currency (ies) in which contract has been signed. In case of multi-currency contract, separate PBG in respective currency for required value shall be submitted.
- 7.4 If the contract is for procurement of equipment, the PBG (s) may be submitted equipment wise also. For this purpose, the value of each equipment will be worked out by dividing the total value of contract for a particular item of NIT, worked out as per provisions contained in clause-7 above, by the number of equipment ordered for that particular item of the NIT.
- 7.5 The PBG (s) shall remain valid till 3 months after the completion of warranty period.
- 7.6 The PBG shall be submitted sufficiently in advance (say 3-4 weeks) to enable its verification from the issuing bank, before submission of the invoice for 80% payment of the particular goods/equipment(s).
- 7.7 The release of the Performance Bank guarantee(s) after above indicated period, shall be subject to satisfactory performance of the equipment/ items during the warranty period and fulfillment of contractual obligations failing which, action for further extension or encashment of PBG, as deemed suitable shall be taken. The PBG / converted SDBG shall be released with the approval of HOD (MM) of the concerned subsidiary after expiry of validity period upon receipt of:
- a. 'No Claim Certificate' from the HOD of User department; and
 - b. 'No Claim Certificate' from the Supplier as per format provided as **Annexure-10**
- 7.8 In case of procurement of equipment, if the successful tenderer which does not have the After Sales Service Support facilities in India like Depot/ Warehouse for supply of spare parts, Workshop facilities for servicing and repair of assemblies, sub-assemblies and equipment, availability of trained technical manpower etc., training facilities for providing training to CIL's personnel, wherever required, additional Performance Bank Guarantee for the 30% value of the total landed value of the contract including all taxes, duties and other costs and charges shall have to be submitted. This 30% PBG will be released after establishment of After Sales Service Support facilities in India subject to confirmation of the same by concerned Head of Technical Department. However, the supplier shall have to submit PBG for 10% of the total contract value to be kept valid for the remaining period of the contract plus 3 months processing period before release of 30% PBG. This 10% PBG will be released after satisfactory performance of all equipment/ items and fulfillment of contractual obligations including warranty obligations.
- 7.9 The PBG will be submitted through Structured Financial Management System (SFMS).

8 Inspections and Tests

- 81** The Purchaser or its representative shall have the right to inspect and/or to test the Goods to confirm their conformity to the Contract Specifications at no extra cost to the Purchaser. Generally, the Goods shall be of the best quality and workmanship and comply with the contract or supply order in all respect. The Technical Specifications shall specify what inspections and tests the Purchaser requires and where they are to be conducted. The Purchaser shall notify the Supplier in writing, of the identity of the inspector(s). The Purchaser reserves the right, at the Purchaser's cost, to depute its own inspector(s) and/or to engage any other third party inspecting agency, to conduct inspections and tests pursuant to the Contract. Sufficient time, atleast 30 days in advance will be given for inspection.
- 82** The inspections and tests may be conducted on the premises of the Supplier, at point of delivery and/or at the Goods' final destination. If conducted on the premises of the Supplier, all reasonable facilities and assistance, including access to drawings and production data, shall be furnished to the inspectors at no charge to the Purchaser. However, any drawing

Section III – General Conditions of Contract (GCC)

and proprietary information provided for this purpose shall remain in control of the supplier. The inspector shall have full and free access at the supplier's works for the purpose of carrying out inspection. The Inspector shall have the right to put all the stores or materials forming part of the same or any part thereof to such tests as he may think fit and proper. The supplier shall not be entitled to object, on any ground whatsoever, to the method of testing adopted by the Inspector. Unless otherwise provided for in the contract, all stores/materials expended in test will be to supplier's account. In the event of Goods found acceptable by the Inspector during inspection, he shall furnish the supplier with necessary copies of Inspection notes for attaching to the supplier's bill.

- 83** Should any inspected or tested Goods fail to conform to the Specifications, including acceptance tests and periodic tests to verify guaranteed performance, the Purchaser may reject the Goods, and the Supplier shall either replace the rejected Goods or make alterations necessary to meet Specification requirements free of cost to the Purchaser within thirty days of such rejection. Replaced or altered goods shall be subjected to repeated inspection or tests to demonstrate conformity with the Specifications. In the event that replacement or alteration is not done within thirty day period as aforesaid, or, replaced or altered goods fail to demonstrate conformity with the Specifications in repeated inspections or tests as aforesaid, the Purchaser reserves the right to terminate the Contract in part or in whole and the Supplier shall repay forthwith to the Purchaser all monies paid including all costs incurred in the inspection and tests, in respect of Goods and Services associated therewith, for which the termination is applicable and, subsequently remove the same from the Purchaser's Site at the Supplier's cost.
- 84** Any Goods rejected at a place other than the premises of the supplier, shall be removed by the supplier within 14 days of the date of receipt of intimation of such rejection. The Inspector may call upon the supplier to remove what he considers to be dangerous, infected or perishable Goods, within 48 hours of the receipt of such intimation. The rejected stores shall under all circumstances lie at the risk of the supplier from the moment of rejection and if such stores are not removed by the supplier within the above mentioned period, the Inspector/Purchaser may either return the same to the supplier at the supplier's risk and cost (a public tariff rate) by such mode of transport as the Purchaser or Inspector may select or dispose of such stores at the supplier's risk on his account and retain in such portion of the proceeds as may be necessary to cover any expense incurred in connection with such disposal. The purchaser shall also be entitled to recover handling and storage charges for the period during which the rejected stores are not removed.
- 85** The Purchaser's right to inspect, test and where necessary, reject the Goods after the Goods' arrival in the Purchaser's country shall in no way be limited or waived by reason of the Goods having previously been inspected, tested and passed by the Purchaser or its representative prior to the Goods' shipment from the Supplier's premises.
- 86** Nothing in this clause shall in any way relieve the Supplier of any warranty or other obligations under this Contract.

9 Packing and Marking

- 9.1** The Supplier shall provide such packing of the Goods as is required to prevent their damage or deterioration during transit to their final destination, as indicated in the Contract. The

Section III – General Conditions of Contract (GCC)

packing shall be sufficient to withstand, without limitation, rough handling during transit and exposure to extreme temperatures, salt and precipitation during transit and open storage. Packing case size and weights shall take into consideration, where appropriate, the remoteness of the Goods' final destination and the absence of heavy handling facilities at all points in transit.

- 9.2 All packing cases, containers, packing and other similar materials shall be supplied free by the Supplier and these shall not be returned unless otherwise specified in the Contract/Purchase order.
- 9.3 The packing, marking and documentation within and outside the packages shall comply strictly with such special requirements as shall be expressly provided for in the Contract, including additional requirements, if any, specified in the contract and in any subsequent instructions ordered by the Purchaser. Packages will be stamped with identification marks both outside the packages as well as on the contents inside. Packages containing articles liable to be broken by rough handling like glass or machinery made of cast iron will be marked with cautionary works like 'Fragile' 'Handle with care'.
- 9.4 The marking of the Goods must comply with the requirements of the law relating to Merchandise Mark, in force in India.
- 9.5 Packing instructions: The Supplier will be required to make separate packages for each consignee. Each package will be marked on three sides with proper paint with the following:
 - i. Project;
 - ii. Contract No;
 - iii. Country of origin of Goods;
 - iv. Supplier's name;
 - v. Packing list Reference Number;
 - vi. The gross weight, net weight and cubic measurement;
 - vii. Consignee Name and Address;
- 9.6 A complete list of contents in each package called the packing list will be prepared and one copy of the packing list shall be inserted inside the package.

10 Delivery and Documents

- 10.1 The delivery period stipulated in the Contract/Purchase Order shall be deemed to be the essence of the contract and delivery of the Goods must be completed within the specified period.
- 10.2 Delivery of the Goods shall be made by the Supplier in accordance with the terms specified in the Schedule of Requirements. The delivery of Goods shall be deemed to take place on delivery of the Goods in accordance with the terms of the contract after approval of Goods by the Inspector.
- 10.3 For purposes of the Contract, "EXW", "FOB", "FCA", "CFR", "CIF", "CIP" and other trade terms used to describe the obligations of the Parties shall have the meanings assigned to them by the prevailing edition of Incoterms on the date of tender opening, published by the International Chamber of Commerce, Paris.
- 10.4 The details of shipping documents to be furnished by the Supplier are specified below:
 - (a) **For Imported Goods:**

Section III – General Conditions of Contract (GCC)

Within forty eight (48) hours of shipment, the Supplier shall notify the Purchaser, Port Consignee and Ultimate Consignee by fax and email, full details of the shipment including Contract number, description of Goods, quantity, the vessel, the bill of lading number and date, port of loading, date of shipment, port of discharge, etc. The Supplier shall deliver by express courier service the following documents to the Purchaser, with a copy to the Port Consignee and Ultimate Consignee:

- i. Supplier's shipping invoice showing Contract Number, Goods description, quantity, unit price, total amount and GST number of ultimate consignee;
- ii. Clean on-board bill of lading indicating the Importer-Exporter Code (IEC) of the concerned Subsidiary Company of CIL and non-negotiable bill of lading;
- iii. Packing list identifying contents of each package;
- iv. Manufacturer's/Supplier's warranty /guarantee certificate;
- v. Manufacturer's Test & Inspection certificate;
- vi. Certificate of Country of Origin issued by the Chamber of Commerce of Manufacturer's Country;
- vii. Documentary evidence of marine freight & marine insurance.

The above documents shall be sent by supplier well in advance, so that the same are received by the Purchaser at least one (1) week before arrival of the Goods at the port or place of arrival and, if not received, the Supplier will be responsible for any consequent expenses.

(b) For Domestic Goods from within India:

Upon dispatch of the Goods to the consignee, the Supplier shall notify the Purchaser and Ultimate Consignee and deliver by express courier service the following documents to the Purchaser with a copy to the Ultimate Consignee:

- i. Supplier's invoice showing Contract Number, Goods description, quantity, unit price, total amount;
- ii. Railway receipt/ Transporter's consignment note /acknowledgement of receipt of Goods from the consignee(s);
- iii. Manufacturer's/Supplier's warranty / guarantee certificate;
- iv. Manufacturer's Test & Inspection certificate;

The above documents shall be provided by the supplier at the time of arrival of the Goods at the consignee's end. In case of delay, the Supplier will be responsible for any consequent expenses.

11 Insurance

11.1 Wherever necessary, the goods supplied under the contract, shall be fully insured in a freely convertible currency against loss or damage incidental to manufacture or acquisition, transportation, delivery, storage and erection and commissioning at site (wherever applicable) in the manner specified in the contract. The insurance is to be done for coverage on "all risks" basis including war risks and strike clauses. The amount to be covered under insurance should be 110% of the invoice value to take care of the overall expenditure to be incurred by the purchaser for receiving the goods at the destination.

11.2 Where delivery of imported goods is required by the purchaser on CIF/CIP basis, the supplier shall arrange and pay for marine/air insurance, making the purchaser as the

Section III – General Conditions of Contract (GCC)

beneficiary. Where delivery is on FCA/ FOB/ CFR basis, marine/air insurance shall be the responsibility of the purchaser.

- 11.3 In case of domestic supplies on Free Delivery at site/FOR Destination basis, the supplier has to arrange insurance at its cost. For Ex-works and FOR station of dispatch contracts, it is the responsibility of the purchaser to arrange for insurance.
- 11.4 Where the delivery of the Goods is on CIP Basis, the supplier shall deliver the goods at the named place of destination at its own risks and costs. CIL has no obligation to the supplier for arranging insurance. However, CIL will provide the supplier upon request, with necessary information for obtaining insurance.
- 11.5 Where the delivery of the Goods is on FOR destination Basis, the supplier shall deliver the goods at the FOR destination site at its own risks and costs. CIL has no obligation to the supplier for arranging insurance. However, CIL will provide the supplier upon request, with necessary information for obtaining insurance”.

12 Transportation

- 12.1 In case of FOB (Port of Shipment) contracts, the purchaser has to arrange transportation its own cost and risk.
- 12.2 In case of CIF (Port of Destination) contracts, transport of the goods to the port of destination in the Purchaser’s country, as shall be specified in the contract, shall be arranged and paid for by the Supplier, and the cost thereof shall be included in the Contract Price. In case of inland transportation of goods, the same is to be done through registered common carriers only.
- 12.3 In case of CIP (Final Place of Destination) contracts, transport of the goods to the port of destination and further to the named place of Final Destination in the Purchaser’s country, as shall be specified in the contract, shall be arranged and paid for by the Supplier, and the cost thereof shall be included in the Contract Price. In case of inland transportation of goods, the same is to be done through registered common carriers only.
- 12.4 In case of FOR Destination contracts, transport of goods to the Destination site shall be arranged and paid for by the supplier and the cost thereof shall be included in the contract price. Transportation of goods is to be done through registered common carriers only.

13 Warranty

- 13.1 The Supplier warrants that the Goods supplied under the Contract are new, unused, of the most recent or current models and that they incorporate all recent improvements in design and materials unless provided otherwise in the Contract. The Supplier further warrants that all Goods supplied under this Contract shall have no defect arising from design, materials or workmanship or from any act or omission of the Supplier that may develop under normal use of the supplied Goods in the conditions prevailing in the purchaser’s country.
- 13.2 This warranty shall remain valid for twelve (12) months from the date of Commissioning of the equipment. However, in case of other Goods, warranty shall remain valid for eighteen (18) months from the date of receipt and acceptance of materials at consignee’s end or twelve (12) months from the date of its use / fitment / commissioning, whichever is earlier.
- 13.3 The Purchaser shall promptly notify the Supplier in writing of any claims arising under this warranty. The Supplier shall, within thirty days, repair or replace the defective Goods or

Section III – General Conditions of Contract (GCC)

parts thereof, free of cost at the ultimate destination. The Supplier shall take over the replaced parts/Goods at the time of their replacement. No claim whatsoever shall lie on the Purchaser for the replaced parts/Goods thereafter.

- 13.4 If the Supplier, having been notified, fails to remedy the defect(s) within thirty days, the Purchaser may proceed to take such remedial action as may be necessary, at the Supplier's risk and expense and without prejudice to any other rights which the Purchaser may have against the Supplier under the Contract.
- 13.5 For the goods whose life is less than twelve (12) months, the warranty period will depend on the nature of the item under procurement and shall accordingly be specified in SCC.

14 Payment

- 14.1 Specific payment terms may be stipulated in the NIT and the resultant contracts depending on the nature of goods to be procured, as per provisions contained in Chapter-22.

14.2 Payment for Indian Agency Commission

The payment of Indian Agency Commission, if any, involved, may be considered in case of necessity, subject to compliance of the Government of India guidelines issued from time to time. Agency commission, if any, shall be paid in equivalent Indian Rupees, after erection and commissioning of the equipment, wherever applicable, within twenty-one days of submission of bills along with following documents:

- (A) Copy of foreign principal's invoice.
 - (B) Copy of bill of lading.
 - (C) Certificate from State Bank of India regarding Bill selling exchange rate ruling on the date of bill of lading (in case of bank holiday on date of bill of lading, Bill Selling exchange rate on next working day shall be considered).
 - (D) In case of procurement of equipment, commissioning certificate signed by the concerned officials of the Project and counter-signed by the Area General Manager and HOD of Technical Dept. of the subsidiary company, where the equipment has been deployed.
- 14.3 In order to enable the purchaser to avail Input Tax Credit as per applicable Indian laws, the supplier shall furnish all the necessary documents to the consignee / paying authority as required, failing which the equivalent deduction will be made from the supplier's bills. In case of successful bidder(s), if at the time of supply, it is found that Input Tax Credit as per Invoice (Credit available to CIL / Subsidiary on this account) is less than the "Input Tax Credit Amount" declared in the Price Bid, the differential amount between the two shall be deducted from the Supplier's bills while making payment to them. If the evaluation of the supplier has been made considering the concessional rate of customs duty applicable for import from certain countries under trade agreements / treaties with Govt. of India, all the required documentation for availing concessional customs duty and subsequent customs clearance etc. will be provided by the supplier failing which the equivalent deduction will be made from their bills.

15 Changes in Order

The Purchaser may at any time, by a written order given to the Supplier, make changes within the general scope of the Contract in any one or more of the following:

- 15.1 drawings, designs or specifications, where Goods to be furnished under the Contract are

Section III – General Conditions of Contract (GCC)

- to be specifically manufactured for the Purchaser;
- 15.2 the method of shipment or packing;
- 15.3 the place of delivery; and/or
- 15.4 the place of Services to be provided by the Supplier.

16 Contract Amendments

Subject to relevant clause of GCC, no variation in or modification of the terms of the Contract/ Purchase Order shall be made except by written amendment issued against the Contract/ Purchase Order.

17 Assignment

The Supplier shall not assign, in whole or in part, its obligations to perform under this Contract, except with the Purchaser's prior written consent. However, the consent of the Purchaser shall not relieve the supplier from any obligation, duty or responsibility under the contract.

18 Subcontracts

The Supplier shall notify the Purchaser in writing of all subcontracts awarded by it to discharge the works under this Contract. Such notification, in the original bid or later, shall not relieve the Supplier of any liability or obligation under the Contract and the supplier will be solely responsible for all obligations under the contract.

19 Delays in the Supplier's Performance

- 19.1 Delivery of the Goods and performance of Services shall be made by the Supplier in accordance with the time schedule prescribed by the Purchaser in the Schedule of Requirements.
- 19.2 If at any time during performance of the Contract, the Supplier or its Subcontractor(s) should encounter conditions impeding timely delivery of the Goods and performance of Services, the Supplier shall promptly notify the Purchaser in writing of the fact of the delay, its likely duration and its cause(s). As soon as practicable after receipt of the Supplier's notice, the Purchaser shall evaluate the situation and may at its discretion extend the Supplier's time for performance, with or without liquidated damages, by way of an amendment to the Contract/ Purchase Order.
- 19.3 Except as provided under Force Majeure clause, a delay by the Supplier in the performance of its delivery obligations shall render the Supplier liable to the imposition of liquidated damages, unless an extension of time is agreed upon pursuant to relevant clause without the application of liquidated damages.

20 Liquidated Damages

- 20.1 In the event of failure to deliver or dispatch the equipment/stores within the stipulated date/period in accordance with the terms and conditions and the specifications mentioned in the supply order and in the event of breach of any of the terms and conditions mentioned in the supply order, the Purchaser shall have the right:
 - (a) To recover from the successful bidder as agreed liquidated damages, a sum not less than 0.5% (Half Percent) of the price of any equipment/ stores which the successful tenderer has not been able to supply as aforesaid for each week or part of a week during which the delivery of such stores may be in arrears limited to 10% (Ten Percent) of the total contract value, or

Section III – General Conditions of Contract (GCC)

- (b) To purchase elsewhere after due notice to the successful tenderer on the account and at the risk of the defaulting supplier, the equipment/stores not supplied or others of similar description without cancelling the supply order in respect of the consignment not yet due for supply, or
 - (c) To cancel the supply order or a portion thereof, and if so desired to purchase the equipment/ stores at the risk and cost of the defaulting supplier and also,
 - (d) To extend the period of delivery with or without penalty as may be considered fit and proper. The penalty, if imposed, shall not be more than the agreed liquidated damages referred to in clause (a) above.
 - (e) To forfeit the security deposit fully or in part.
 - (f) Whenever under this contract any sum of money is recoverable from and payable by the supplier, the Purchaser shall be entitled to recover such sum by appropriating in part or in whole by deducting any sum or which at any time thereafter may become due to the successful tenderer in this or any other contract. If this sum is not sufficient to recover the full amount recoverable, the successful tenderer shall pay the Purchaser the remaining balance on demand. The supplier shall not be entitled to any gain on any such purchase.
- 20.2 For the purpose of the calculation of the liquidated damages amount, the basic FOR Destination price shall be considered. For direct imports, the CIP price at Final Place of destination will be considered. Taxes and duties shall not be taken into account for calculation of LD. However, when prices indicated in the order are inclusive of taxes and duties, such prices will be taken for calculation of LD.

21 Termination for Default and breach of contract

- 21.1 The Purchaser, without prejudice to any other remedy for breach of Contract, by written notice of default sent to the Supplier, may terminate the Contract in whole or in part:
- (a) If the supplier fails to deliver any or all of the stores within the time period(s) specified in the contract, or any extension thereof granted by the Purchaser; or
 - (b) If the supplier fails to perform any other obligation under the contract within the period specified in the contract or any extension thereof granted by the purchaser; or
 - (c) If the Supplier, in the judgment of the Purchaser, has violated Code of Integrity for Public Procurement in competing for or in executing the Contract.

21.2 Code of Integrity for Public Procurement (CIPP):

The supplier shall observe the highest standard of ethics while competing for and during execution of contracts.

The following practices would amount to violation of CIPP:

- i. "Corrupt Practice" means making offers, solicitation or acceptance of bribe, rewards or gifts or any material benefit, in exchange for an unfair advantage in the procurement process or to otherwise influence the procurement process or contract execution;
- ii. "Fraudulent Practice" means any omission or misrepresentation that may mislead or attempt to mislead so that financial or other benefits may be obtained or an obligation avoided. This includes making false declaration or providing false information for participation in a tender process or to secure a contract or in the execution of a contract;
- iii. "Anti-competitive Practice" means any collusion, bid rigging or anti-competitive

Section III – General Conditions of Contract (GCC)

arrangement, or any other practice coming under the purview of The Competition Act 2002, between two or more bidders, with or without the knowledge of the Purchaser, that may impair the transparency, fairness and the progress of the procurement process or to establish bid prices at artificial, non-competitive levels;

- iv. "Coercive Practice" means harming or threatening to harm, directly or indirectly, at any stage, persons or their property to influence their participation in the procurement process or affect the execution of a contract;
- v. "Conflict of interest" means participation by a bidding firm or any of its affiliates that are either involved in the consultancy contract to which this procurement is linked; or if they are part of more than one bid in the procurement; or if the bidding firm or their personnel have relationships or financial or business transactions with any official of Procuring Entity who are directly or indirectly related to tender or execution process of contract; or improper use of information obtained by the (prospective) bidder from the Procuring Entity with an intent to gain unfair advantage in the procurement process or for personal gain; and
- vi. "Obstructive practice" means materially impede the Procuring Entity's investigation into allegations of one or more of the above mentioned prohibited practices either by deliberately destroying, falsifying, altering; or by concealing of evidence material to the investigation; or by making false statements to investigators and/or by threatening, harassing or intimidating any party to prevent it from disclosing its knowledge of matters relevant to the investigation or from pursuing the investigation; or by impeding the Procuring Entity's rights of audit or access to information.

22 Force Majeure

- 22.1 Force Majeure means an event beyond the control of the supplier and not involving the supplier's fault or negligence and which is not foreseeable. Such events may include, but are not restricted to, acts of the purchaser either in its sovereign or contractual capacity, wars or revolutions, hostility, acts of public enemy, civil commotion, sabotage, fires, floods, explosions, epidemics, quarantine restrictions, strikes, lockouts, freight embargoes and act of God.
- 22.2 If there is delay in performance or other failures by the supplier to perform its obligation under the contract due to an event of a Force Majeure and the contract is governed by Force Majeure Clause, the supplier shall not be held responsible for such delays/failures.
- 22.3 In such a situation, the supplier shall promptly notify the purchaser in writing of such conditions and the cause thereof, duly certified by the local Chamber of Commerce or Statutory authorities, the beginning and end of the causes of the delay, within twenty one days of occurrence and cessation of such Force Majeure Conditions. Unless otherwise directed by the purchaser in writing, the supplier shall continue to perform its obligations under the contract as far as reasonably practical and shall seek all reasonable alternative means for performance not prevented by the Force Majeure event.
- 22.4 If the performance in whole or in part or any obligation under this contract is prevented or delayed by any reason of Force Majeure for a period exceeding sixty days, either party may at its option terminate the contract without any financial repercussion on either side.
- 22.5 For delays arising out of Force Majeure, the supplier will not claim extension in completion

Section III – General Conditions of Contract (GCC)

- date for a period exceeding the period of delay attributable to the causes of Force Majeure.
- 22.6 There may be a Force Majeure situation affecting the purchaser also. In such a situation, the purchaser is to take up with the supplier on similar lines as above for further necessary action.
- 22.7 The contract shall be governed by the following Force Majeure Clause:

“If at any time, during the continuance of this contract, the performance in whole or in part by either party of any obligation under this contract shall be prevented or delayed by reason of any wars or revolutions, hostility, acts of public enemy, civil commotion, sabotage, fires, floods, explosions, epidemics, quarantine restrictions, strikes, lockouts, freight embargoes or act of God (hereinafter referred to “events”) provided, notice of the happening of any such event is given by either party to the other within 21 days from the date of occurrence thereof, neither party shall by reason of such event, be entitled to terminate this contract nor shall either party have any claim for damages against the other in respect of such non- performance or delay in performance, and deliveries under the contract shall be resumed as soon as practicable after such event has come to an end or ceased to exist, PROVIDED FURTHER that if the performance in whole or part or any obligation under this contract is prevented or delayed by reason of any such event for a period exceeding 60 days, either party may at its option terminate the contract provided also that if the contract is terminated under this clause, the purchaser shall be at liberty to take over from the contractor at a price to be fixed by the CIL/Subsidiary Company, which shall be final, all unused, undamaged and acceptable materials, bought out components and stores in course of manufacture in the possession of the contractor at the time of such termination or such portion thereof as the purchaser may deem fit excepting such materials, bought out components and stores as the contractor may with the concurrence of the purchaser elect to retain.”

23 Termination for Insolvency

The Purchaser may at any time terminate the Contract by giving written notice to the Supplier if the Supplier becomes bankrupt or otherwise insolvent. In this event, termination will be without compensation to the Supplier, provided that such termination will not prejudice or affect any right of action or remedy which has accrued or will accrue thereafter to the Purchaser.

24 Termination for Convenience

- 24.1 The Purchaser, by written notice sent to the Supplier, may terminate the Contract, in whole or in part, at any time for its convenience. The notice of termination shall specify that termination is for the Purchaser's convenience, the extent to which performance of the Supplier under the Contract is terminated, and the date upon which such termination becomes effective.
- 24.2 The Goods that are complete and ready for shipment within thirty (30) days after the Supplier's receipt of notice of termination shall be accepted by the Purchaser at the Contract terms and prices. For the remaining Goods, the Purchaser may elect:
- a) to have any portion completed and delivered at the Contract terms and prices; and/or
 - b) to cancel the remainder and pay to the Supplier an agreed amount for partially completed Goods and Services and for materials and parts previously procured by the Supplier.

Section III – General Conditions of Contract (GCC)

25 Governing Language

The Contract shall be written in English language. All correspondence and other documents pertaining to the Contract which are exchanged by the Parties shall be written in the same language.

26 Taxes and Duties

- 26.1 A foreign Supplier shall be entirely responsible for all taxes, duties, license fees and other such levies imposed outside the Purchaser's country. The foreign supplier shall also be responsible for all taxes & duties in Purchaser's country legally applicable during execution of the contract other than those which are to be paid by purchaser, as specified in as per relevant clause of NIT.
- 26.2 A Domestic Supplier shall be entirely responsible for all taxes, duties, license fees, etc., incurred until the execution of the contract, other than those which are to be paid by purchaser, as specified in as per relevant clause of NIT.

27 Limitation of Liabilities

Except in cases of criminal negligence or wilful misconduct;

- 27.1 Notwithstanding anything herein to the contrary, no party shall be liable for any indirect, special, punitive, consequential or exemplary damages, whether foreseeable or not, arising out of or in relation to this contract, loss of goodwill or profits, lost business however characterized, any/ or from any other remote cause whatsoever.
- 27.2 The supplier shall not be liable to the purchaser for any losses, claims, damages, costs or expenses whatsoever arising out of or in connection with this contract in excess of the contract value of the goods and services supplied hereunder which caused such losses, claims, damages, costs or expenses.
- 27.3 However, the limitation of liability of the supplier indicated above shall not apply to Liquidated damages.

28 Dispute Resolution

- 28.1 In case of contract with a Public Sector Enterprise or Govt. Dept., the following Arbitration Clause shall be incorporated in the contract:
"Administrative Mechanism for Resolution of CPSEs Disputes (AMRCD), in the Department of Public Enterprises:
In the event of any dispute or difference relating to the interpretation and application of the provisions of commercial contract(s) between Central Public Sector Enterprises (CPSEs)/ Port Trusts inter se and also between CPSEs and Government Departments/ Organizations (excluding disputes concerning Railways, Income Tax, Customs & Excise Departments), such dispute or difference shall be taken up by either party for resolution through AMRCD as mentioned in DPE OM No. 05/0003/2019-FTS-10937 dated 14.12.2022 and the decision of AMRCD on the said dispute will be binding on both parties."
- 28.2 In case of contract with parties other than above Agencies, the following Arbitration & Conciliation Clause and Sole Arbitration Clause shall be incorporated in the contract:
"Arbitration & Conciliation:
In the event of any dispute or difference relating to the interpretation and application of the provisions of the contract, such dispute or difference shall be taken up by either party for conciliation first. The party initiating conciliation shall send a written invitation to the other party to conciliate, and proceedings shall commence when the other party accepts the initiations to conciliation. There shall be only one conciliator who would be appointed by Chairman, CIL/ CMD of Subsidiary Company (as the case may be) as the conciliator. The conciliation shall assist the parties to reach an amicable settlement of their dispute. When the parties sign the

Section III – General Conditions of Contract (GCC)

settlement agreement, it shall be final and binding on the parties. The conciliator shall authenticate the settlement agreement and furnish a copy thereof to each party.

If differences still persist, the settlement of the dispute shall be resolved through arbitration.

The party initiating arbitration shall send a written notice to the other party of its intention to commence arbitration. The applicable arbitration procedure will be as per the Arbitration and Conciliation Act, 1996 as amended by Amendment Act of 2015.”

“Sole Arbitration Clause:

In the event of any question, dispute or difference arising under these terms & conditions or any condition contained in this contract or interpretation of the terms of, or in connection with this Contract (except as to any matter the decision of which is specially provided for by these conditions), the same shall be referred to the sole arbitration of a person, appointed to be the arbitrator by the Chairman, CIL/ CMD of Subsidiary Company (as the case may be). The award of the arbitrator shall be final and binding on the parties of this Contract.

Note:

a. In the event of the Arbitrator dying, neglecting or refusing to act or resigning or being unable to act for any reason, or his/her award being set aside by the court for any reason, it shall be lawful for the Chairman, CIL / CMD of Subsidiary Company (as the case may be) to appoint another arbitrator in place of the outgoing arbitrator in the manner aforesaid.

b. It is further a term of this contract that no person other than the person appointed by the Chairman, CIL / CMD of Subsidiary Company (as the case may be) as aforesaid should act as arbitrator and that, if for any reason that is not possible, the matter is not to be referred to Arbitration at all. The venue of arbitration shall be the place from which the contract is issued or such other place as the Chairman, CIL / CMD of Subsidiary Company (as the case may be) at his discretion may determine.”

29 Progress Reports

- 29.1 The Supplier shall from time to time render such reports concerning the progress of the contract and/or supply of the stores in such form as may be required by the Purchaser.
- 29.2 The submission, receipt and acceptance of such reports shall not prejudice the right of the Purchaser under the contract nor shall operate as an estoppel against the Purchaser merely by reason of the fact that he has not taken notice of or objected to any information contained in such report.

30 Provisions of CIL’s Purchase Manual

The provisions of CIL’s Purchase Manual and its subsequent amendments (Available on CIL’s website, www.coalindia.in) shall also be applicable, if not specified otherwise in this Bid document.

31 Applicable Law

The Contract shall be governed by the laws of the Republic of India, unless otherwise specified in the bid document.

32 Jurisdiction of Courts

- 32.1 Irrespective of the place of delivery, the place of performance or place of payment under the contract, the contract shall be deemed to have been made at the place from where the acceptance of tender or supply order has been issued.
- 32.2 The courts of the place from where the acceptance of tender has been issued shall alone have jurisdiction to decide any dispute arising out of or in respect of the contract.

Section III – General Conditions of Contract (GCC)

33 Notices

33.1 Any notice given by one Party to the other pursuant to this Contract shall be sent to the other Party in writing or facsimile to be confirmed in writing, to the other Party's address. For the purpose of all notices, the following shall be the addresses of the Purchaser and the Supplier:

Purchaser:

Executive Director (M&C),
Coal India Limited,
Coal Bhawan, Premises No. 04,
Plot No. AF-II, Action Area 1A,
New Town Rajarhat,
Kolkata -700 156, West Bengal, India
Phone: +9133 - 23244127]

Supplier:

[.....
Fax No.:+91
Phone: +91.....]

33.2 A notice shall be effective when delivered or on the notice's effective date, whichever is later.

33.3 In case of change in address, the Supplier shall immediately notify the same to the Purchaser in writing. The supplier shall be solely responsible for the consequences of omission to notify the change of address to the Purchaser.

Section IV – Special Conditions of Contract (SCC)

Special Conditions of Contract (SCC)

Section IV – Special Conditions of Contract (SCC)

The following Special Conditions of Contract shall supplement the General Conditions of Contract. Whenever there is a conflict, the provisions contained herein shall prevail over those in the General Conditions of Contract. The corresponding Clause number of the General Conditions is indicated in parentheses. Further, there are some additional clauses in SCC.

1. Duration of contract

1.1 The contract shall be valid for two (2) years, from the effective date of Running Contract. However, CIL reserves the right to shorten/extend the duration of the contract while concluding the contract.

1.2 CIL reserves the right to extend the duration of the concluded Running Contract, if required, with the consent of RC holder at same terms & conditions. CIL also reserve the right to rescind/ short close the contract in case of breach of terms and conditions of the contract by the bidder.

Note - RE-11 can be issued upto the last date of validity of the RC. The RC holder is bound to supply against all such RE-11 as per schedule given in the RE-11. No extension of validity period of the RC itself is required when deliveries against outstanding supply orders continue even after expiry of the validity period of the RC. The RC will remain alive for purpose of delivery for all the stores ordered during the currency of the RC until deliveries have been completed.

2. Security Deposit Bank Guarantee (SDBG) [Section III – GCC: Clause – 6 is modified as follows]

2.1 RC holders shall be required to deposit Bank Guarantee for 5% of the average value of both the years of contract, which shall be valid for 27 months from the date of issue of RC in the prescribed format (Annexure-3).

The average value of contract shall be arrived as follows:
 $\{(1\text{st year quantity} + 2\text{nd year quantity}) \times \text{RC landed price on the date of issue of RC}\} / 2$
RC holders may submit either a single SDBG covering all subsidiaries of CIL and NEC or submit SDBGs for different Subsidiaries and NEC based on NEC/subsidiary-wise allocated value. The average value of both the years of contract will be as worked out and indicated in the RCs. All the SDBGs, if submitted NEC/subsidiary-wise, are to be submitted simultaneously

2.2 15 days' time from the date of conclusion of RC shall be given to the successful bidder to furnish the security deposit.

2.3 In case the successful bidder does not deposit the security money within stipulated time, payment of their bills shall be released after deduction of 5% of the bill amount till the RC holder submits the Security Deposit Bank Guarantee (SDBG) and the same is accepted by CIL/ subsidiaries. The deducted amount will be held by the respective Subsidiary as 'Security Deposit' and will not be used for adjustment against any other recovery / claim amount. This 5% 'Security Deposit' amount will be released / recovered from, only after specific instruction from the RC issuing authority.

2.4 The Security Deposit Bank Guarantee (SDBG) submitted by the RC Holder shall be released within 30 days of receipt of

a. "No Claim Certificate" issued by the respective Nodal Officer for Explosives (GM of the respective subsidiary company in charge of production / explosives) from all

Section IV – Special Conditions of Contract (SCC)

the subsidiary companies, if a single SDBG had been submitted. However, if subsidiary-wise SDBGs are submitted, then each SDBG shall be released within 30 days of receipt of “No Claim Certificate” from that subsidiary company. For contractual failure, the security money shall be forfeited.

b. on receipt of “No Claim Certificate” from the supplier as per format provided in Annexure-10.

Note - It shall be clearly mentioned in the No Claim Certificate issued by the respective Nodal Officer for Explosives that *“There is no claim pending against the RC Holder as per terms and conditions of this RC”*.

- 2.5** All State/Central Govt. Organizations/PSUs are exempted from submission of Security Deposit.
- 2.6** Security deposit will not fetch any interest.
- 2.7** The Security Deposit if submitted in the form of Bank Guarantee shall be issued by a RBI scheduled Bank in paper form (stamp paper) as well as issued under “Structured Financial Messaging System”. The message will be sent to the beneficiary bank through SFMS. The details of beneficiary bank for issue of BG through SFMS platform is furnished below:

Name of the Bank: - ICICI Bank

Branch: - Rasoi Court

IFSC: - ICIC0000006

A/c No: - 000651000038

Customer ID: 066312

Original copy of bank guarantee shall be sent by the issuing bank to MM Department, CIL

However, if the original copy of the BG is handed over to the supplier by the Issuing bank, the issuing bank shall send an e-mail from their corporate e-mail id (on the date of handing over) directly to corporate e-mail id of the order placing authority that they have handed over the original copy of the BG to the supplier for handing over to the beneficiary, attaching a scanned copy of the SDBG. In such case, the supplier shall also submit a copy of the SFMS message as sent by the issuing bank branch along with the original Bank Guarantee.

- 2.8** The SDBG shall be irrevocable and unconditional and CIL shall have the powers to invoke it notwithstanding any dispute or difference between supplier and CIL pending before the court, tribunal, arbitrator or any other authority.
- 3. Performance Bank Guarantee (PBG) [Section III – GCC: Clause-7]**
Section III – GCC: Clause-7 is deleted.
- 4. Inspections and Tests [Section III – GCC: Clause-8 is modified as follows]**
As per Section VI – Technical Section including Specifications: Clause-5 ‘Random Test’ and Annexure-2.

Section IV – Special Conditions of Contract (SCC)

5. Packing and Marking [Section III – GCC: Clause-9 is modified as follows]

The Supplier shall provide such packing and marking of the Goods as is required by applicable Explosive Rules, Acts and PESO Guidelines.

6. Delivery and Documents [Section III – GCC: Clause-10 is modified as follows]

6.1 The materials should be supplied duly secured & packed.

6.2 Each invoice should quote reference to the

- RC number with date, and subsequent amendments, if any, for change in prices, extension of delivery dates etc
- RE-11 Indent no. and date.
- Vendor Code and Material Code for SAP/ERP of CIL (Details of which shall be mentioned in the RC or communicated subsequently)
- Manufacturer’s Batch no. of Explosives / accessories (If applicable)

6.3 Invoice relating to the RC should not include supplies made against any other supply order or orders.

6.4 Supply of explosive accessories against the RC shall be accompanied by self-attested copy of valid PESO license and valid DGMS certificate, wherever applicable.

6.5 The following certificate, whichever is applicable, should invariably be given on each invoice:

a) In case of delivery by Coal India Ltd.’s vans:

“Certified that the materials mentioned in this bill have been dispatched by Road in Van number and on date as mentioned above to the consignee. The materials have been acknowledged by the consignee/his representative and the acknowledgement memo dated as above is attached. Other claims are as per your purchase order and schedule to the same.”

b) In case of delivery by suppliers’ vans:

“Certified that the materials mentioned in this bill have been dispatched by Road in Van number and on date as mentioned above to the consignee. The materials having been acknowledged, memo dated, as above, is attached. Other claims are as per your purchase order and schedule to the same.”

The Vouchers and acknowledgement memos mentioned in the certificate should invariably be attached with each invoice.

7. Transportation [Section III – GCC: Clause-12 is modified as follows]

The Supplier shall provide transportation of the Goods in PESO approved Explosive vans on FOR Destination basis ensuring compliance of all relevant statutory requirements under Mines Act 1952, Mines Rule 1955, CMR 2017 and related Laws and Bye laws, Orders & Circulars published by the Govt. of India.

8. Warranty

Section III – GCC: Clause-13 is deleted.

Section IV – Special Conditions of Contract (SCC)

9. Delivery Schedule

9.1 Item wise, year wise and subsidiary wise RC quantity shall be indicated in the RC itself.

The tentative quarterly allocation indicating the monthly breakup shall be issued by subsidiary companies to RC holders in advance, latest by the last week of preceding quarter for preparedness of the supplier.

Monthly allocation shall be issued by subsidiary companies by the last week of preceding month.

The above allocations (Quarterly & Monthly) shall be communicated to all suppliers through email/fax/letter with copy marked to CIL HQ.

The total monthly requirement of the subsidiary company shall be distributed amongst all RC holders in the same ratio in which the total RC quantity of the subsidiary company has been distributed amongst different RC holders. However in case of NEC, RE-11 may be generated for consolidated requirements keeping in view the logistical constraints in supply while ensuring above distribution on yearly basis.

Note: The requirement of cartridge explosives & accessories does not remain uniform throughout the year for various operational reasons, climatic and geo-mining conditions. During the peak production period [Usually Quarter I, III & IV of FY], the requirement for explosives and its accessories by the subsidiaries/ consignees may be more than the non-peak production period [Usually Quarter II of FY]. Hence, the allocation and requisition of quantity for any item by the subsidiaries/ consignees shall be made accordingly in compliance with the provision of the RC for quantities

9.2 The bidder shall have to supply all items as offered by him on FOR destination basis to any place in any of the subsidiaries of Coal India Limited and NEC

9.3 The supplies of explosives and accessories are to be made by the RC holders against RE-11 only issued by GM(Production)/ Incharge (Explosives) of respective subsidiaries or their authorized representatives.

The supplier is liable to supply quantity of any item as per schedule specified by the subsidiary companies & NEC in the RE-11, failing which liquidated damages shall be applicable as stipulated in the RC.

Delivery schedule specified by the subsidiary companies & NEC, in RE-11 shall not be less than 5 days.

9.4 It would be mandatory for the RC holder to maintain 90% delivery performance to be evaluated on **two monthly basis** for all RC items at each of the consignee subsidiary company. The **two monthly** delivery performance shall be evaluated by each consignee subsidiary company separately on the basis of RE-11 issued **in a particular 2 monthly period** and actual quantity supplied against the same,

The delivery performance of RE-11 generated in a particular 2 monthly period, for which the scheduled delivery period falls in the next 2 monthly period, shall not be accounted for in that particular 2 monthly period. The delivery performance of such

Section IV – Special Conditions of Contract (SCC)

RE-11 with spill over delivery period shall be accounted only in the next 2 monthly period in which the delivery is to be made as per schedule.

In case the requirement changes after issuance of RE-11, the delivery performance shall be evaluated on the basis of actual quantity supplied against the **revised** requirement for a particular month, if any, intimated to supplier in writing through letter, fax, email of Unit Manager or Licensee or Issuer of RE-11.

- 9.5 In case the **two monthly** delivery performance for any of the RC items falls below 90% at any of the subsidiary company, as per report, duly signed by representative of subsidiary company and RC holder, for every percentage reduction / drop (rounded off to nearest two decimal points) in delivery performance from 90%, equal percentage of the non-supply value (without GST) of that item in that **two monthly period** shall be deducted from the bills of the supplier by the concerned subsidiary company. This will be applicable for shortfall in delivery performance from 90% upto 50%. Thus, there will be maximum 40% penalty on the non-supply value towards non-achievement of delivery performance.
- 9.6 In case the **two monthly** delivery performance for any of the RC item falls below 50%, maximum monetary penalty of 40% of the non-supply value (without GST) of that item in that **two monthly period** will be imposed apart from reserving CIL's right to rescind/short close the RC for the subsequent period for that particular item in the relevant subsidiary where the shortfall occurs and the balance RC quantity thereof, may be purchased from any of the existing RC holders or empaneled "Reserve RC holders".

Calculation of monetary penalty in terms of clauses-9.5 and 9.6 above, for different situations for an item say "Detonating Fuse", is illustrated below;

Sl no.	Two Monthly quantity of final adjusted RE-11*	Actual supplied quantity as per RE-12	% of actual supply	% deduction of 90% delivery performance (limited to 40%)	Non-Supply quantity (B-C)	Non-supply value (Rs)	Value of penalty (Rs)
(A)	(B)	(C)	(D)	(E)	(F)	(G)	(E x G/100)
1	70 KM	58 KM	82.86	7.14	12 KM	50400	3598.56
2	70 KM	54.6 KM	78	12	15.4 KM	64680	7761.6
3	70 KM	28 KM	40	40	30 KM	126000	50400
4	70 KM	0 KM	0	40	70 KM	294000	117600

- ❖ In case the requirement changes after issuance of RE-11, the delivery performance shall be evaluated on the basis of actual quantity supplied against the revised requirement as per Clause-9.5 above
- ❖ Value in column 'G' has been worked out taking unit rate of Rs. 4200.00 per KM i.e., value in column 'F' multiplied by Rs. 4200.00

Besides, the subsidiary company shall take action as per Clause – 32, Section-II ITB of the NIT.

Section IV – Special Conditions of Contract (SCC)

- 9.7 The delivery performance report shall be duly signed by the RC holders and shall be intimated to CIL by the subsidiaries & NEC.

For signing of the delivery performance report (**two monthly** under Clause 9.5 and Clause 9.6), the RC holder will be intimated by letter/fax/e-mail to sign within 3 (three) days from the date of intimation by the subsidiary Co & NEC. If the RC holder / authorized representative fails to sign the said delivery performance report within the stipulated time, it will be deemed that the RC holder has accepted the same and no further communication from the RC holder will be entertained by the subsidiary Co. /CIL in this regard.

10. **Consignee:** GM of the respective subsidiary company who is in charge of production / explosive requirement or their authorized representatives at the project / mine.

11. Risk Purchase

- 11.1 In the event of failure of the supplier to deliver or dispatch the stores within the stipulated date/period of the supply order or in the event of breach of any of the terms and conditions mentioned in the supply order/ contract, Coal India Ltd. or its Subsidiary Companies shall have the right to purchase the stores from elsewhere after due notice to the defaulting supplier at the risk and cost of the defaulting supplier. In the event of failure of the supplier as detailed above, the cost as per risk purchase exercise may be recovered from the Earnest Money Deposit/ Security Deposit/ Performance Security of the supplier and/or bills submitted by the supplier against the same contract or any other contract pending in the same Subsidiary Co. and/or in any other Subsidiary Companies/CIL.

- 11.2 Risk purchase action may be initiated by subsidiary companies under any of the following conditions:

1. When the supplier fails to deliver the materials even after extending the delivery period.
2. When the supplier fails to respond to purchaser's request for supply of the materials and fails to provide any genuine and bonafide reason for the delay in supply.
3. When the supplier breaches any of the terms and conditions of the supply order/ contract and as a result fails to execute the order satisfactorily.

12. **Payment terms:** 100% payment will be made within 21 days on receipt and acceptance of the materials at site or submission of bill whichever is later. This payment clause should be accepted clearly.

13. Price Fall clause

- 13.1 If the contract holder reduces its price or sells or even offers to sell the contracted goods or services following conditions of sale similar to those of the contract, at a price lower than the contract price, to any person or organization during the currency of the contract, the contract price will be automatically reduced with effect from that date for all the subsequent supplies under the contract and the contract be amended accordingly.

The provisions of price fall clause will however not apply to the following:

Section IV – Special Conditions of Contract (SCC)

- i) Export/Deemed Export by the supplier;
- ii) Sale of goods or services as original equipment prices lower than the price charged for normal replacement;
- iii) Sale of goods such as drugs, which have expiry date;
- iv) Sale of goods or services at lower price on or after the date of completion of sale/placement of order of goods or services by the authority concerned, under the existing or previous Rate Contracts as also under any previous contracts entered into with the Central or State Government Departments including new undertakings (excluding joint sector companies and or private parties) and bodies.

Note:

- a. The currency of contract will mean the period till completion of supply.
- b. The bidder will be asked to submit a copy of the last (latest) purchase order for the tendered / similar item(s) received by them from any Organization / Ministry / Department of the Govt. of India or Coal India Ltd. and/or its Subsidiaries or other PSU or any other private organization, along with the offer (The bidder may opt to mask the priced portion and shall submit an undertaking that priced copy will be submitted on being L1 after opening of Price Bid / Reverse Auction).
- c. It shall be responsibility of the supplier to inform the purchaser of offer to supply / supply of the ordered / similar item(s) at a lower rate to any Organization / Ministry / Department of the Govt. of India or Coal India Ltd. and/or its Subsidiaries or other PSU or any other private organization during the currency of the contract.
- d. The supplier shall submit a certificate along with the bill(s) that it has not offered to supply / supplied the ordered / similar item(s) at a lower rate to any Organization / Ministry / Department of the Govt. of India or Coal India Ltd. and/or its Subsidiaries or other PSU or any other private organization.

A declaration on the Price Fall Clause shall be undertaken in the CPS.

- 13.2 In case the price of a product is reduced for any supplier due to invocation of 'Price Fall clause' or any other reason, the same lower price shall also be applicable for the other suppliers who are having parallel RCs against this tender. If any supplier does not accept the lower price, CIL shall have the right to delete the item from the scope of RC of such firm and procure explosives/ accessories from other existing supplier / Reserve RC holders.

- 14 **Paying Authority:** GM (Fin.) of the consignee Subsidiary Company or their authorized representative.

15 RC Prices

- 15.2 The rate at which RC will be concluded shall be on FOR destination basis, inclusive of freight, insurance, and all other charges but excluding GST which will be payable as legally applicable at the time of supply.

- 15.3 RC prices will be subject to Price Variation Clause as provided in Clause – 21.7 Section II, ITB.

- 16 **Lowest Price Certificate:** The bidder shall submit the following certificates:

- a) Along with the offer in CPS :

Section IV – Special Conditions of Contract (SCC)

“We certify that the prices quoted in the tender are the lowest and not higher than as applicable to any Organization / Ministry / Department of the Govt. of India or Coal India Ltd. and/or its Subsidiaries or other PSU or any other private organization.”

b) Along with the invoices:

“We certify that we have not offered to supply / supplied the ordered / similar item(s) at a lower rate to any Organization / Ministry / Department of the Govt. of India or Coal India Ltd. and/or its Subsidiaries or other PSU or any other private organization during the currency of the contract and it will be our responsibility to inform the Purchaser in case the supplied “ordered / similar” item(s) have been offered / supplied to them at a lower price”.

Section V – Schedule of Requirement (SOR)

Schedule of Requirement (SOR)

Section V – Schedule of Requirement (SOR)

Indicative requirement of cartridge explosives & accessories for Two (2) years.

Sl.	Item	Subsidiary-wise quantity								Tender Qty.
1	Non permitted large dia (LD) explosive	ECL	BCCL	CCL	WCL	SECL	MCL	NCL	NEC	Total
		<i>(MT)</i>	<i>(MT)</i>	<i>(MT)</i>	<i>(MT)</i>	<i>(MT)</i>	<i>(MT)</i>	<i>(MT)</i>	<i>(MT)</i>	<i>(MT)</i>
1st Year										
1.1	Low strength Column	110	207	3594	20950.8	5400	3067	0	215.5	33544.3
1.2	Low strength Booster/Primer	54	102	1222	5237.7	1800	767	0	107.8	9290.5
Total		164	309	4816	26188.5	7200	3834	0	323.2	42834.7
2nd Year										
1.1	Low strength Column	115	216	4260	20931.2	5400	3335	0	130.8	34388.1
1.2	Low strength Booster/Primer	57	106	1450	5756.09	1800	834	0	65.4	10068.5
Total		172	322	5710	26687.3	7200	4169	0	196.2	44456.6

Item wise indent for 2025-27					
Sl.	Item	Unit	1 st Year Total Qty	2 nd Year Total Qty.	Grand Total for 1 st & 2 nd Year
2	Permitted Explosives				
2.1	P1 for use in degree-I mine	MT	1232.0	1039.0	2271.0
2.2 a	P3 for use in degree-I mine	MT	173.0	197.0	370.0
2.2 b	P3 for use in degree-II mine	MT	504.0	558.0	1062.0
2.3 a	P5 for use in degree-I mine	MT	4196.0	4058.0	8254.0
2.3 b	P5 for use in degree- II mine	MT	1902.0	2076.0	3978.0
2.3 c	P5 for use in degree-III mine	MT	98.0	110.0	208.0
3	Copper Delay Detonator(CDD) 2.5 mtr				
3.1	CDD for use in degree – I mine	KN	11002.0	11299.0	22301.0
3.2	CDD for use in degree – II mine	KN	6320.0	6963.0	13283.0
3.3	CDD for use in degree – III mine	KN	363.0	412.0	775.0
4	Detonating Fuse(DF)				
4.1	DF—10g / <i>m</i> charge	Km	52812.5	53365.9	106178.4

Section V – Schedule of Requirement (SOR)

5	Cast Booster (CB)				
5.1	PETN-TNT Cast Booster	MT	2873.0	3067.0	5940.0
5.2	Emulsion Cast Booster	MT	984.0	1157.0	2141.0
6	Cord Relay (CR)	KN	780.4	782.9	1563.2
7	Non Electric Detonator (NED) (≤ 25 mtr)	Km	274789.3	287922.54	562711.84
8	Non Electric Detonator (NED) (> 25 mtr to 45 mtr)	Km	40.0	50.0	90
9	MS Connector (MS)	KN	26.0	28.0	54.0
10	Electronic Detonator (≤ 25 mtr)	KN	7991.0	8295.0	16286.0
11	Electronic Detonator (> 25 mtr to 45 mtr)	KN	60.0	60.0	120.0
12	Electronic Detonator (FS)	KN	716.2	775.1	1491.3

Subsidiary-wise break-up of the above requirement

1st Year

Sl.	Item	Unit	ECL	BCCL	CCL	WCL	SECL	MCL	NCL	NEC	Total
2	Permitted Explosives										
2.1	P1 for use in degree-I mine	MT		132		100	1000				1232
2.2 a	P3 for use in degree-I mine	MT	173								173
2.2 b	P3 for use in degree-II mine	MT	404			100					504
2.3 a	P5 for use in degree-I mine	MT	456	25	60	600	3000	55			4196
2.3 b	P5 for use in degree- II mine	MT	1278		0	200	100	324			1902
2.3 c	P5 for use in degree-III mine	MT	91	7							98
3	Copper Delay Detonator(CDD) 2.5 mtr										
3.1	CDD for use in degree – I mine	KN	2176	90	116	2000	6500	120			11002
3.2	CDD for use in degree – II mine	KN	4714	22	0	800	100	684			6320
3.3	CDD for use in degree – III mine	KN	363								363
	Total CDD	KN	7253	112	116	2800	6600	804	0	0	17685
4	Detonating Fuse(DF)										
4.1	DF—10g / m charge	Km	87	2050	1000	6000	3500	67	40000	108.5	52812.52

Section V – Schedule of Requirement (SOR)

Sl.	Item	Unit	ECL	BCCL	CCL	WCL	SECL	MCL	NCL	NEC	Total
5	Cast Booster (CB)										
5.1	PETN-TNT Cast Booster	MT	130	210	172	350	700	611	700		2873
5.2	Emulsion Cast Booster	MT	206	114	208	50	300	86	20		984
6	Cord Relay (CR)	KN	5	61	23.5	50	30	7	600	3.88	780.38
7	Non Electric Detonator (NED) (<=25 mtr)	Km	22477	28450	28400	50000	65000	50267	30000	195.3	274789.3
8	Non Electric Detonator (NED) (>25 mtr to 45 mtr)	Km	40								40
9	MS Connector (MS)	KN			0		20	6			26
10	Electronic Detonator (<=25 mtr)	KN	595	750	755	200	2800	2351	540		7991
11	Electronic Detonator (>25 mtr to 45 mtr)	KN							60		60
12	Electronic Detonator (FS)	KN	154	100	50.2	200	120	71	20	0.97	716.17

2nd Year

Sl.	Item	Unit	ECL	BCCL	CCL	WCL	SECL	MCL	NCL	NEC	Total
2	Permitted Explosives										
2.1	P1 for use in degree-I mine	MT		139		100	800				1039
2.2 a	P3 for use in degree-I mine	MT	197								197
2.2 b	P3 for use in degree-II mine	MT	458			100					558
2.3 a	P5 for use in degree-I mine	MT	518	25	60	600	2800	55			4058
2.3 b	P5 for use in degree- II mine	MT	1452		0	200	100	324			2076
2.3 c	P5 for use in degree-III mine	MT	104	6	0						110
3	Copper Delay Detonator(CDD) 2.5 mtr										
3.1	CDD for use in degree – I mine	KN	2473	90	116	2000	6500	120			11299
3.2	CDD for use in degree – II mine	KN	5357	22	0	800	100	684			6963
3.3	CDD for use in degree – III mine	KN	412								412
	Total CDD	KN	8242	112	116	2800	6600	804	0	0	18674
4	Detonating Fuse(DF)										
4.1	DF—10g / m charge	Km	92	2140	1000	6000	4000	68	40000	65.88	53365.88

Section V – Schedule of Requirement (SOR)

Sl.	Item	Unit	ECL	BCCL	CCL	WCL	SECL	MCL	NCL	NEC	Total
5	Cast Booster (CB)										
5.1	PETN-TNT Cast Booster	MT	132	221	196	350	800	668	700		3067
5.2	Emulsion Cast Booster	MT	212	119	265	50	400	91	20		1157
6	Cord Relay (CR)	KN	5	63	23.5	50	30	9	600	2.35	782.85
7	Non Electric Detonator (NED) (<=25 mtr)	Km	23592	29700	33600	50000	65000	55912	30000	118.5	287922.54
8	Non Electric Detonator (NED) (>25 mtr to 45 mtr)	Km	50								50
9	MS Connector (MS)	KN					20	8			28
10	Electronic Detonator (<=25 mtr)	KN	605	800	855	200	2800	2495	540		8295
11	Electronic Detonator (> 25 mtr to 45 mtr)	KN							60		60
12	Electronic Detonator (FS) 2.5 mtr	KN	162	120	59.5	200	130	83	20	0.59	775.09

KN - 1000 Nos. (Thousand numbers)

Km - 1000 mtr. (Thousand meters)

Note:

1. The offer quantity of Non-electric detonators, if in Km, shall be divided by 3 (three) to convert the offer quantity in KN.
2. For the Factory Set Electronic Detonator, the delay period will be instantaneous and the length should be 2.5 mtr.
3. For Non-electric detonators and Electronic detonators, the requirements are divided into two categories –
 - (a) For Dragline and 42 CuM shovel benches (>25 mtr to 45 mtr)
 - (b) Other than dragline benches and 42 CuM shovel (<= 25 mtrs)

**Technical Section including Specifications
(TSS)**

Section VI – Technical Section including Specifications (TSS)

1. Eligibility to offer

The bidder(s) whose offered item(s) are already approved/renewed or has been successfully tested and tried at any of the CIL Subsidiary Cos., duly certified by CMPDIL and who are in possession of valid statutory license from the concerned licensing authorities are only eligible to offer against this tender. The approved product list is enclosed in the NIT but the same may not be inclusive of all items approved/renewed till date.

2. Documents Establishing Bidder's Eligibility and Qualifications

2.1 Item Offered:

- 2.1.1 Bidder shall indicate the item(s) offered by them along with brand name(s). In case more than one brand for a particular item is approved by CIL, the bidder shall quote only one brand for that particular item.
- 2.1.2 Bidders offering approved item(s) listed in the NIT have to confirm that offered items have not been delisted by CIL or any subsidiary of CIL or PESO or DGMS.
- 2.1.3 Bidders offering items, not listed in the approved Product List (Annexure-1) have to submit a copy of the relevant CMPDIL test and trial certificate failing which the offer shall not be considered.

2.2 Offer quantity

- 2.2.1 The annual offer quantity of each item offered by the bidder must be indicated separately for each year of the tender period i.e. 1st year & 2nd Year.
- 2.2.2 Offer quantity of LD column and LD Booster / Primer as a whole for CIL shall be quoted separately by the bidders
- 2.2.3 The item-wise yearly offer qty. (1st and 2nd year) shall be at least 10% of the item-wise yearly tender quantity (1st and 2nd year)
- 2.2.4 For Non-electric detonators and Electronic detonators, bidders shall confirm that they would supply any length as per requirement of the user. Also bidders shall confirm that they would supply the Electronic Detonator along with all the required accessories, as per the requirement of user. For Non-electric detonators and Electronic detonators, the requirements shall be divide into two categories –
 - (a) For Dragline and 42 CuM shovel benches (25 mtr to 45 mtr)
 - (b) Other than dragline benches and 42 CuM shovel (< 25 mtrs)
- 2.2.5 Bidder should confirm that they would supply PETN-TNT Cast Booster and Emulsion based Cast Booster in 100g/150g/250g/500g package, as per requirement of the user.
- 2.2.6 The offer quantity cannot be reduced at any stage till the conclusion of RC and any attempt to reduce/restrict the offer quantity at any stage before conclusion of RC shall be construed as withdrawal of offer and shall be treated as per terms of this NIT including cancellation of offer and forfeiture of EMD, except in case of counter offer.
- 2.2.7 In respect of offered quantity towards requirement of Copper Delay Detonators (CDD) the bidders shall quote for the quantity as per NIT. However, no penal action

Section VI – Technical Section including Specifications (TSS)

shall be taken if supply cannot be made on the ground of Govt regulations on phasing out of CDD after Mar 2025.

2.2.8 The offered quantity for Cast Booster (PETN-TNT) without sufficient PESO license capacity shall be governed by Clause 2.3.5 below.

2.2.9 **Reserve Quantity Clause:**

1.Utilization by Subsidiaries:

Each subsidiary of Coal India Limited (CIL) shall be entitled to utilize up to ninety percent (90%) of the year wise total RC quantity for each RC item.

2.Reserve Quantity for CIL Headquarters:

Ten percent (10%) of the Year wise Total RC Quantity for each RC item shall be reserved exclusively for exigencies and will be retained under the control of CIL (HQ).

3.Redistribution Rights:

CIL HQ shall retain the exclusive right to redistribute or reallocate the reserved 10% quantity in whole or in part thereof, among any Subsidiary, as deemed necessary, during cases of exigency, upon obtaining competent approval from Dir (Tech), CIL.

4.Approval Requirement for Subsidiaries:

In the event any Subsidiary requires any portion of such 10% reserved quantity, such Subsidiary shall be required to submit a formal request with proper justification duly approved by their concerned Director (Tech) to CIL HQ. Utilization of this reserve quantity by the Subsidiary shall be permitted only upon the approval from CIL HQ.

2.3 PESO license

2.3.1 Item-wise details of PESO license i.e. license number, date, validity period, license capacity etc. shall be indicated by the bidders.

2.3.2 Copy of the valid license of PESO shall be submitted along with offer.

2.3.3 If the PESO license is not valid on the date of tender opening, copy of application duly received by PESO (Nagpur/Regional office) or acknowledgement of online application submitted for revalidation of license, shall be submitted along with offer.

2.3.4 Offers without PESO license (valid/applied for revalidation) shall not be accepted. Further, application for new license/ enhancement (even received by PESO) will not be considered.

2.3.5 In case the bidder does not have the required PESO License capacity for Cast Booster (PETN-TNT) at a time of submission of bid, the bidder will have to submit an undertaking along with the offer that in the event of conclusion of RC with them, they will obtain the required PESO license capacity for offered quantity from the concerned authority within 6 months from the date of issue of RC. In such case, the successful bidder/ RC holder shall have to provide additional SDBG for 10% of the contract value for Cast Booster (PETN-TNT), which shall be released after submission of the documentary evidence of the required PESO License for Cast Booster (PETN-TNT).

The provision of deduction in lieu SDBG shall not be applicable for this additional 10% SDBG.

In case the successful bidder/ RC holder could not obtain the required PESO License for Cast Booster (PETN-TNT) from the concerned authority within 6 months from the date of issue of RC, the additional SDBG for 10% submitted by them shall be forfeited apart from reserving CIL's right to rescind/short close the RC for the subsequent period and

Section VI – Technical Section including Specifications (TSS)

the balance RC quantity thereof, may be redistributed to existing RC holders or empaneled “Reserve RC holders”.

- 2.3.6 Supply of explosives against RCs shall be accompanied by self-attested copy of valid PESO license.

Note: Since CIL / subsidiaries reserve the right to increase the ordered/allocated quantity to the extent of (+) 40% (Forty percent) of the RC quantity, the bidders shall ensure PESO license capacity to meet 140% of their quoted quantity during the currency of the RC (If not already available).

In case the bidder does not have the required PESO License capacity to meet 140% of their quoted quantity at a time of submission of bid, the bidder will have to submit an undertaking along with the offer that in the event of conclusion of RC with them, they will obtain the required PESO license capacity for 140% of offered quantity from the concerned authority within 6 months from the date of issue of RC. In such case, the successful bidder/ RC holder shall have to provide additional SDBG for 5% of the contract value for the item, within 21 days of issuance of RC with validity of minimum 9 months which shall be released after submission of the documentary evidence of the required PESO License.

The provision of deduction in lieu SDBG shall not be applicable for this additional 5% SDBG.

In case the bidder is not able to obtain the required PESO license capacity for 140% of offered quantity from the concerned authority within 6 months from the date of issue of RC, the said additional BG of 5% shall be encashed with due notice of 15 days to the RC holder. However, the RC for the said item shall not be shortclosed.

2.4 ISO Certificate

- 2.4.1 ISO 9001 certificate number, date, validity period shall be indicated by the bidders.
- 2.4.2 A copy of valid ISO 9001 certificate specifying the Product type, Manufacturing Plant name and location/Address of the plant shall be submitted along with the offer.
- 2.4.3 Firms not having valid ISO 9001 certification and certificate with required details as in 2.4.2, on the date of tender opening will be disqualified.

2.5 DGMS approval

- 2.5.1 The bidder shall furnish item-wise list of DGMS approvals indicating therein the approval no., date, validity period and the degree of gassiness for which approval has been accorded.
- 2.5.2 Copy of DGMS approvals specifying product name and degree of gassiness shall be enclosed with offer.
- 2.5.3 For permitted explosives P5, CDD and PED, DGMS approval for the degree-I/II/III mine; for permitted explosives P3, DGMS approval for the degree-I/II mine; and for permitted explosives P1 **and PED** DGMS approval for the degree- I mine shall be required, failing which the offer for these items shall not be considered.
- 2.5.4 If the DGMS approval is not valid on the date of tender opening, copy of application duly receipted by DGMS or acknowledgement of online application submitted for revalidation of DGMS approval, shall be submitted along with offer.
- 2.5.5 Offers without DGMS approval (valid/applied for revalidation) shall not be accepted.

Section VI – Technical Section including Specifications (TSS)

2.5.6 Supply of explosives against RCs shall be accompanied by self-attested copy of valid DGMS certificate.

3. Technical specifications

3.1 Bidder shall furnish technical specifications of offered items as below -

LD explosives -Brand name, velocity of detonation (VOD) (unconfined), emulsion/slurry, density, Absolute Weight Strength (AWS), Relative Weight Strength (RWS), Absolute Bulk Strength (ABS) & Relative Bulk Strength (RBS), AGS (Air Gap Sensitivity), Cap Sensitivity, Water Proofness, Temperature Sensitivity and Impact Sensitivity

Permitted Explosives – Brand name, velocity of detonation (VOD) (unconfined), emulsion/slurry, density, Absolute Weight Strength (AWS), Relative Weight Strength (RWS), Absolute Bulk Strength (ABS) & Relative Bulk Strength (RBS), AGS (Air Gap Sensitivity), Cap Sensitivity, Water Proof-ness and continuation of detonation.

Detonators (CDD/PED) - Brand name, strength, resistance, delay timing (for CDD/PED only), **No firing current test**, series firing test (for CDD) / parallel firing test (For PED), water proof-ness. Insensitivity of detonator to shock (Drop Test), snatch Test (for CDD), **Impact Test** (for PED), **thermal stability test (for CDD/PED)**, **abort mechanism (for PED)**.

Electronic Detonator (Programmable/FS)– Brand name, strength, Range of Delay/ Delay Timing (for FS), **Water Proof ness. Insensitivity of detonator to shock (Drop Test)**, **Impact Test**, **thermal stability test**, **abort mechanism**

Detonating Fuse- Brand name, diameter, velocity of detonation (VOD) (unconfined), water proof-ness, transmission of detonation.

Cast Booster (Emulsion/PETN-TNT) - Brand name, velocity of detonation (VOD) (unconfined), density, cap sensitivity, Water resistance

Non-Electric detonator—Brand name, strength, delay timing, series firing. **shock wave velocity (VOD of shock tube)**, **Drop test**, **Impact test**, **Mechanical strength test**

Cord Relay/MS Connector - Brand name, transmission of detonation, delay timing.

All information shall be furnished in tabular form separately for each item.

3.2 Details of acceptable technical specification are listed in NIT under Annexure-2 titled ‘Product Specifications & Random Test Parameters’ and offers for items not meeting acceptable technical limits shall not be considered.

4. Testing facilities

4.1 The bidder shall confirm that essential equipment required for testing of explosives and accessories offered, as detailed below are possessed and maintained by them for the required purpose. If a bidder does not confirm the same, the offer shall not be accepted.

Section VI – Technical Section including Specifications (TSS)

Sl.	Particulars
1	Facility for testing of quality parameters like Velocity of Detonation (VOD), Density, Cap Sensitivity & Air Gap Sensitivity and Continuation of Detonation for Cartridge Explosive.
2	Facility for testing of any raw materials.
3	Facility for testing of diameter, velocity of detonation, transmission of detonation, water proofness of detonating fuse.
4	Facility for series firing test, strength test, electrical resistance, and drop test of detonators.
5	Facility for testing of velocity of detonation, density, cap sensitivity and water resistance of Cast Booster.
6	Facility for series firing test, strength test, delay timing test of non-electric detonators.
7	Facility for strength test, and delay timing test of electronic detonators.
8	Facility for transmission test, delay timing test of cord relay and MS connector.
9	Facility for temperature sensitivity test and impact sensitivity test.

The details of equipment required for the above are listed below,

i) Facility for testing of quality parameter

Sl.	Particulars
1	Safety room for field testing of explosives
2	Suitable pit with safety zone for testing
3	Suitable equipment for density measurement
4	Aluminum plate/Plastic plate(as per IS norms for VOD testing)
5	Exploder with cable
6	Cap sensitivity testing facility
7	Air gap sensitivity testing facility
8	High pressure (water resistance test) vessel
9	Facility for drop test (for detonators)

ii) Raw materials testing for quality control

Sl.	Particulars
1	Equipment for titration
2	PH meter
3	Digital capacitance meter
4	Viscometer
5	Dean & stark distillation apparatus
6	Mantle heater
7	Hygrometer
8	Hydrometer
9	Water bath
10	Digital thermometer
11	Water distillation unit
12	Sieves of various Meshes
13	Chemical balance
14	Various chemical reagent

Section VI – Technical Section including Specifications (TSS)

- 4.2 The above equipment must be available all the time in the explosive factories in working condition. However, the equipment for density measurement, Aluminium plate/Plastic plate (as per IS norms for VOD testing), Cap sensitivity testing facility, Air gap sensitivity and Viscometer is not required for detonators manufacturers. CIL or any agencies authorized by CIL shall have the option to check the same.
- 4.3 The RC holders are required to submit manufacturer's test certificate of different quality parameters as specified in NIT/RC of CIL along with supply. They shall also keep a record of all tests of raw material and finished product being supplied by them at their end which may be inspected by representative of CIL/Subsidiary Company.

5. Random test

- 5.1 The consignee subsidiary company shall conduct a monthly random test of the explosives & accessories supplied by the supplier through CMPDIL as per SOP approved by CMPDIL/CIL.
- 5.2 The limits of technical parameters for random test are given in the NIT under a separate annexure titled 'Product Specifications and Random Test Parameters' and shall also be mentioned in the RC.
- 5.3 The testing charges shall be borne by CIL/ Subsidiaries for carrying out the testing.
- 5.4 The random test shall be conducted every month in each subsidiary. The authorized representative from CMPDIL shall decide/choose the required number of samples randomly in each month from any magazine and Subsidiary/Area/Magazine officials authorized for the purpose will issue such selected random samples to CMPDIL for the purpose of testing. The above selected random samples shall be drawn and tested on the same day at mine in presence of representatives of subsidiary and the supplier. Subsidiaries shall inform the supplier in advance in writing through Mail/fax/letter about the random test and preserve the copy for future reference. Mine management will arrange to transport the selected samples to testing site of the mine. Test result shall be finalized even in absence of supplier's representative, if the representative failed to appear despite prior intimation to supplier or if the representative refuses to sign the Test Result. Subsidiaries shall inform CMPDIL regarding the monthly allocation being made to suppliers for calculation of no. of samples to be tested in a particular month. Upon receipt of allocation, CMPDIL will communicate to Subsidiaries with the product wise nos of samples to be tested in particular month. It shall be the responsibility of Subsidiary / Areas to earmark the required no. of samples for the above testing purpose.
- 5.5 The Sample shall be treated as "Not Meeting Standards" (NMS) in random test if it does not meet any of the criterion specified under "acceptable standards" in Annexure-2
Penalty levied on the total supply value (without GST) of explosives and accessories supplied in that month shall be @ 1% for 1 NMS/Failed sample, @3% for 2 NMS/Failed samples, @5% for 3 NMS/Failed samples, @7% for 4 NMS/Failed samples and @10% for 5 or more NMS/Failed samples, and shall be deducted from the bills of the supplier by the concerned subsidiary company in every month.

Section VI – Technical Section including Specifications (TSS)

6. Sample Quantity for Random Tests

- 6.1 All sample quantities are to be calculated based on Subsidiary allocation by CIL on a particular supplier on annual basis. No. of samples to be tested in a contract year shall be equally distributed (as far as practicable) amongst the months of the year. The sample quantity as follows:
- a. **Permitted Explosives and Large Dia Explosives:** One sample to be taken for the first 200 tonnes and subsequently for every 300 tonnes, one additional sample is taken. For example, a supplier whose annual allocation for permitted / LD explosives is 1600 tonnes, a total of six ($1+1400/300= 6$) samples is suggested.
 - b. **Detonating Fuse:** One (1) sample for every one lakh mtrs.
 - c. **Detonators (CDD/PED):** One (1) sample for every 2.5 lakh nos in case of CDD and two (2) samples for every 1.5 Lakh nos in case of PED
 - d. **Cast Booster:** The number of samples to be tested will be 2 samples per month for Cast Booster (Emulsion) and 1 sample per month for Cast Booster (PETN).
 - e. **Nonel (Non-Electric Initiation System / Detonator):** One (1) sample for every 50000 mtrs.
 - f. **Cord Relay / MS Connector:** One (1) sample for every 2.5 lakh nos.
 - g. **Electronic Detonator (Programmable and FS):** One (1) sample for every 25,000 nos.

No. of samples to be tested in a contract year shall be equally distributed (as far as practicable) amongst the months of the year.

- 6.2 Irrespective of above norms, random testing of at least one sample of each item in each subsidiary is to be done for a particular supplier on monthly basis.
- 6.3 Standard Operating Procedure (SOP) for random testing is available in CIL website viz. www.coalindia.in which is uniformly applicable in all CIL subsidiaries and NEC. Any future update in the SOP by CMPDIL/ CIL will also be applicable to RC holders/ Reserve RC holders during the RC period.

7. Technical service

- 7.1 Whenever a manufacturer supplies any explosives/accessories item for the first time to a subsidiary, CMPDIL test and trial report of that item shall be presented to the CGM/GM (Production / in-charge of Explosives) of the subsidiary Co. before the explosives & accessories are used in any colliery and the manufacturer's representative shall be available for advice.
- 7.2 Sufficient technical representatives (who are minimum Diploma holders in Mining) should be posted to ensure proper supply as per requisition, to monitor blasting performance & for early resolution of technical matters at each Project / Area of Subsidiary. At least two technical representatives shall be posted in each subsidiary. However, in case of CCL, SECL and MCL, in view of geographical distances and

Section VI – Technical Section including Specifications (TSS)

consumption of explosives three representatives shall be posted.

In case of ‘Electronic Detonator- Programmable’, there must be one technical representative available during Blasting Operations with logger and other necessary gadgets and manpower should be planned accordingly.

7.3 Logger / Blaster

7.3.1 The Logger/Blaster should have facility to store the blasting/firing sequence of delay with Hole ID, ED ID and Delay timing allotted. The above log should be handed over to Blasting Officer of the concerned Project/Mine through Email/Physical Form in pdf file after every event of blasting. The documents shall be preserved by the blasting officer for future reference.

7.3.2 The blaster for Factory Set ED and PED should be made available by supplier to Area/Colliery/Mine/Unit for use in round firing as specified by the Subsidiaries. The supplier should arrange the initial training of the workforce of allocated Project/Area/Subsidiary for use of Blasters of Factory Set ED and PED in consultations with Subsidiaries. Further, the periodical maintenance, calibrations, repair, replacement and back-up arrangement of blasters is the responsibility of the supplier and thus adequate representatives should be made available accordingly. The supplier has to ensure that no mine is affected due to non-functioning of blasters of Factory set ED and PED. After the completion of the RC period, the supplier will take back the blaster from concerned Project/Area/Subsidiary.

7.3.3 The total no. of Blasters for Factory Set ED and PED for round firing shall be specified/communicated to the suppliers by Subsidiaries in advance after conclusion of RC. The subsidiary wise tentative/indicative requirement of blaster for factory set ED (ED-FS) is as follows.

Subsidiary	No. of Areas (only OC)	No. of OC & Mixed Mines as on 01.04.24	Factory Set ED blaster(no.s)
ECL	11	32	38
BCCL	11	28	71
CCL	14	42	72
NCL	10	10	44
WCL	8	36	50
SECL	12	18	88
MCL	10	15	64
NEC	1	1	3
TOTAL	77	182	430

The subsidiary wise tentative/indicative requirement of blaster for PED is as below:

Subs Co.	No. of Areas (Only UG)	No. of UG & Mixed mines as on 01.09.2024	Required PED Exploder (nos)
ECL	1	57	299
BCCL	2	7	17
CCL	0	11	10
WCL	1	26	200
SECL	1	41	301
MCL	2	3	80
Total	7	145	907

Section VI – Technical Section including Specifications (TSS)

7.3.4 The allocation of exploder to vendors should be distributed in mines based on RC quantity allocation of vendors. Each mines should have minimum 2 vendors.

7.3.5 Failure to supply exploder as per the requirement shall have penalty as per clause 7.4 below

7.4 The technical representative of a supplier shall report to user within 48 hours of call (letter/fax/mail), including calls regarding 7.5 and 7.6 below, and failure to reach the caller within 48 hours shall attract a penalty of Rs. 50,000.00 per call / service. Calls shall also be endorsed to CGM/GM in charge of the explosives at subsidiary headquarter level who will finally decide on imposition of penalty. Failure to provide technical services as per clauses 7.7 to 7.8 mentioned below will also attract a penalty of Rs 50,000/- in each case.

7.5 The manufacturer shall give technical expertise in designing the pattern of blast holes to improve the blasting efficiency depending upon the requisition by the subsidiary.

7.6 Whenever there is a special problem like vibration and noise near any structure or dwelling and deflagration of explosives, technical representative from the manufacturer shall immediately attend to them and solve the problem jointly with the mine representative.

7.7 Half yearly workshop/training shall be conducted by the suppliers to explain the technical details of their item as well as to make the people understand and implement the uses of the explosives & its accessories for safe and efficient operation and for improvement of blasting efficiency.

7.8 Quarterly technical service report shall be submitted by the supplier to the concerned subsidiary companies.

8 Special Provisions for Detonators

The manufacturer of all kinds of detonators/non-electric detonators shall follow a system by which the electrical continuity, resistance testing & other tests shall be ensured by them and they shall give a certificate accordingly, in addition to the conditions to be complied with, in reference to the permission being accorded to the respective manufacturers by DGMS/PESO.

9 The bidder shall give item-wise list of users, other than CIL, of their offered items during the period **2023-25**.

10 Compliance with Statutory Requirements

The suppliers must also ensure compliance of all relevant statutory requirements under Mines Act 1952, Mines Rule 1955, CMR 2017 and related Laws and Bye laws, Orders & Circulars published by the Govt. of India.

11 POWDER FACTOR

11.1 The mine wise annual average achieved powder factor for 2023-24, separately for Coal and OB in OC as well as for Coal in UG (Development/Depillaring district) mines for departmental as well as outsourcing patches for following categories of operations has been indicated in NIT for information of the bidders -

- a) PF for OC mines
 - i) PF for coal
 - ii) PF for OB in shovel-dumper bench (Separate PF for 42 CuM Shovel)
 - iii) PF for OB in dragline bench
 - iv) PF for dragline formation in OB

Section VI – Technical Section including Specifications (TSS)

- b) PF for UG mines
 - i) PF for coal in development district.
 - ii) PF for coal in depillaring district

11.2 Benchmark powder factor for the first financial year effective from RC start date shall be annual average of the achieved powder factor for the financial year 2024-25. Benchmark Powder factor for the 2nd financial year 2026-27 shall be annual average of the achieved Powder factor for the financial year 2025-26 and Bench mark powder factor for remaining period of proposed RC during financial year 2027-28, if any, shall be annual average of the achieved Powder factor for the financial year 2026-27. BMPF for the RC period will be as follows-

Period/FY	BMPF
June'25 – March'26	Average Achieved PF of FY-2024-25
April'26 – March '27	Average Achieved PF of FY-2025-26
April'27 – May'27	Average Achieved PF of FY-2026-27

Bench mark powder factor for the 1st financial year will be communicated while issuing the RCs. However, for the purpose of information, the annual average of the achieved powder factor for the financial year 2023-24 is enclosed as Annexure 5.

Bench mark powder factor for 2nd financial year 2026-27 and for remaining period of proposed RC during financial year 2027-28, if any, shall be circulated by subsidiary companies directly to the suppliers with the approval of CMD of subsidiary company. **Note:** The Subsidiary shall endeavor to finalize and circulate the BMPF for 2nd FY and onwards by the end of April of the succeeding year. However, in cases of delay at least provisional BMPF will be circulated subject to finalization and circulation of final BMPF.

In case of OC mines / patches/ benches not worked / discontinued in the previous financial year and thus the average achieved powder factor cannot be ascertained/not available for the financial year, then the average achieved powder factor of the immediate previous financial year shall be considered as BMPF for the corresponding period/FY, with the approval of CMD of subsidiary company.

11.2(A) CIL reserves the right to determine the Benchmark Powder Factor (BMPF) with improved methodology in a phased manner and its applicability during the RC period.

11.2 (B) BMPF (along with +/- 2% range) for mine/ part of mine having the same method of production shall be decided with the approval of the CMD of the company after the determination of BMPF by improved methodology. The modalities of the BMPF with improved methodology are placed as **Annexure-12**.

The BMPF determined with improved methodology will be communicated to the vendor preferably at the start of the quarter in the relevant financial year. Till the time, BMPF determined with improved methodology is communicated to the vendor, the existing provisions i.e Average Achieved PF of previous FY, shall continue.

BMPF once determined shall continue unless it is reviewed for exceeding +/-20 % range or any drastic change in geo mining conditions, with the approval of the CMD of the company.

For the method of production where both Cartridge explosives and Bulk explosives are

Section VI – Technical Section including Specifications (TSS)

concurrently being used, the BMPF with improved methodology shall not be applicable till the Cartridge RC is concluded or use of cartridge explosives concurrently with Bulk explosives is discontinued.

In no case two parallel BMPF will be applicable in any method of production, to avoid disputes in concurrent RCs.

- 11.3 The mine wise achieved powder factors shall be declared by the subsidiaries for every month and suitably be communicated to RC holders by mail/fax/letter. The method of calculating the achieved powder factor shall be by the same method by which benchmark powder factors are calculated.
- 11.4 Bidder shall confirm that explosives supplied by them shall achieve the mine-wise benchmark powder factors indicated in RC during the period of the contract. Failure to achieve the benchmark powder factors shall attract penalty as detailed in 'Performance and Penalty' clause of NIT.
- 11.5 In case of new underground mines, new seam of existing underground mine or change in method of work i.e. development/depillaring in the same mine, change in geo-mining conditions and in case of new opencast mines i.e. new projects/patches including outsourcing and hired HEMM patches, which may come up during the tenure of the contract and for which BMPF is not determined and any changes in the BMPF methodology during the tenure of the contracts necessitating changes in the existing BMPF of mine/part of mine/projects/patches/benches; then BMPF for such mine/part of mine/projects/patches/benches shall be determined in presence of the authorized representatives of CIL Sub. Cos and CMPDIL and shall be decided with the approval of the CMD of the company. The approved BMPF shall be communicated by Subsidiary companies to RC holders through email/fax/letter with copy endorsed to CIL *and shall be effective from the date of communication to RC holders (preferably start of quarter). However, for new mines the achieved powder factor may be observed for a period of one year for better evaluation and reconsideration of BMPF.*
- 11.6 Mine wise benchmark PFs may be reviewed by the CMD of the Subsidiary Companies in consultation with CMPDIL on Financial Year basis, during the tenure of the contract (1st FY Year, 2nd FY Year, remaining period of proposed RC during FY 2027-28), if the PF deduction/bonus at such mines exceeds 20% of the price of explosives. The revised PF, if any, shall apply during the tenure of the contract ***including the respective financial year for which BMPF was reviewed.*** For e.g. in case contract starts in June 2025 and if benchmark PF for FY 1st year is required to be reviewed for the period June 2025 to March 2026 (1st FY), then the reviewed PF will be the BMPF for FY 1st year and will be applicable from June 2025 to March 2026 in this case.

The supplier has to lodge claim within three (3) months of receipt of annualized Achieved PF statement of the relevant year with the respective Subsidiary in case the deduction exceeds 20% of the price of explosives. The claim of the supplier shall be settled by respective Subsidiaries within three (3) months of lodging the claim. Any claim by suppliers after the above period shall not be entertained.

If bonus exceeds 20% of price of explosives, the Sub. Co. shall initiate review immediately after completion of the relevant year.

While reviewing the BMPF for the preceding financial year, the relevant applicability clause shall be followed.

- 11.7 For new powder factors as well as review of existing powder factor cases explained

Section VI – Technical Section including Specifications (TSS)

above, CMD of the subsidiary company is empowered to issue the necessary amendment to the RCs to incorporate the new/revised powder factors without referring the matter to CIL.

11.8 Supply of accessories shall be exempted from Powder factor clause.

12 Performance & penalty

12.1 The mine-wise achievement of powder factor should not be less than the benchmark powder factors. In the event of supplied item not providing satisfactory results, penalty will be imposed by way of Deduction from price of these items. For every percentage decrease in powder factor of Coal/OB compared to the benchmark powder factors, same percentage deduction of the price (without GST) of explosives shall be made.

In case of applicability of BMPF with improved methodology, the mine-wise achievement of powder factor should be in the range of benchmark powder factors assigned. In the event of supplied item not providing satisfactory results, a penalty will be imposed by way of Deduction from the price of these items. For every percentage decrease in the powder factor of Coal/OB compared to the BMPF below the range prescribed, the same percentage deduction of the price (without GST) of explosives shall be made. For example when the achieved PF is 97% of the BMPF assigned, then the penalty levied will be 1% of the price (without GST) of explosives.

12.2 In case the achieved powder factor is above 105% of the benchmark powder factor, then Bonus may be paid @ 0.3% (zero-point three percent) of the price of explosives (without GST) for every percentage increase in powder factor over 100% of the benchmark. Thus, for achievement of powder factor between 100% to 105% of the benchmark, there will be no bonus. For e.g. when achieved PF is 106%, bonus to be paid will be equal to 0.3% x 6 x Price of the explosives.

In case of applicability of BMPF with improved methodology, if the achieved powder factor is above 107% of the BMPF, then Bonus may be paid @ 0.3% (zero-point three percent) of the price of explosives (without GST) for every percentage increase in powder factor over 102% of the BMPF. Thus, for achievement of powder factor in between 100% to 107% of the BMPF, there will be no bonus. For e.g. when achieved PF is 108%, bonus to be paid will be equal to 0.3% x 6 x Price of the explosives (without GST).

12.3 In the event of failure of blast, the cost of explosives/accessories used in the blast and drilling cost will be recovered from the respective defaulting supplier(s). In case of blast failure, initially proportionate deduction (proportionate to value) will be made for both explosives and accessories. After investigating into the cause of failure as to which item (explosive or accessories) is responsible for the failure, final deduction will be made accordingly.

12.4 The bench mark Powder Factors mentioned in the RC shall also apply in case of explosives supplied to contractors in outsourcing patches (wherever separate Powder Factors for outsourcing patches are not indicated), if the explosives purchased by CIL is used in such patches with the condition that only the net cost of explosives and accessories (after deduction on account of powder factor) is recovered from the outsourcing contractor.

12.5 The payment shall continue to be made as per RC terms and provisional deduction, if any,

Section VI – Technical Section including Specifications (TSS)

on account of non-achievement of PF shall be made only on quarterly basis. However, the final assessment of Powder factor and reconciliation thereof shall be made on a financial yearly basis including extension/short-closure, on average powder factor basis. Bonus shall be paid in the same way as that of penalty.

12.6 Deduction due to non-achievement of powder factor shall be made from the price of explosives only and not from accessories prices.

Section VII – Sample Forms including LoB & Annexures

Sample Forms including LoB & Annexures

Section VII – Sample Forms including LoB & Annexures

Annexure-1

Approved product list of cartridge explosives and accessories in CIL

1. Permitted Explosives (P-1, P-3, P-5)

Sl.	Manufacturer	Brand name
		P—1
1	AMA	MEC COAL-P1
2	Bharat	BEL MX P101
3	IDL	Godyne, Emulcoal-100
4	IEPL	Senatel Permitted 1000
5	IOCL (IBP)	Indo Coal-1(HD)
6	KEL	Kelvex- 310 (P1)
7	Premier Explosives	Colex- 1
8	Solar	Solar Coal-1/Super Coal-1
9	Special Blasts	Shakti Coal-E-1
10	TIEL	Powertel-1
11	Navabharat Fuse	Novacoal-1
		P—3
1	Bharat	BEL MX-P 301
2	Black Diamond	Coal Star –III
3	IDL	Permadyne, Emulcoal - 300
4	IEPL	Senatel Permitted 3000
5	IOCL (IBP)	Indo Coal-3 (HD)
6	KEL	Kelvex- 330 (P3)
7	Solar	Solar Coal-3/ Super Coal-3
8	Navabharat Fuse	Novacoal-3
		P—5
1	AMA	MEC COAL-P5
2	Bharat	BELMX-P501
3	IDL	Pentadyne
4	IEPL	Senatel Permitted 5000
5	IOCL (IBP)	Indo Coal-5
6	KEL	Kelvex – 5 (P5)
7	Premier	Colex-5
8	SOLAR	Solar Coal -5, Super Coal-5
9	TIEL	Power Tel-5
10	Special Blast	Shakti Coal E-5
11	Navabharat Fuse	Novacoal-5

2. Large Dia (LD) Explosives

Sl.	Manufacturer	Brand name	
		LD Column	LD Booster/Primer
1	AMA	Mecpower-1	Mecforce
2	SBL Energy Ltd.	Neo Column/NeoCol Special	Neo Prime/Neo Prime Special
3	Anjana	Anjana Column	Anjana Prime
4	Bharat	BEL MX-400	BEL MX EP
5	Black Diamond	Star Gel	Star Prime

Section VII – Sample Forms including LoB & Annexures

6	IDL	Energel	Aquadyne
7	Gauthami	Gelex Column	Gelex Blast
8	IOCL(IBP)	Indogel-210	Indoprime(S)
9	Ideal Industrial	Ideal Column, Ideal Super Column	Ideal Prime, Ideal Super Prime
10	IEPL	Powergel-1	Powergel-C
11	KEL	Kelvex-Extra/Kelvex 500	Kelvex-600/ KEL Prime
12	Mahanadi	Expogel	Expo Prime
13	Nav. Explosive	Bharat Column	Bharat Prime
14	Orient	Ore Gel-I	Ore Boost
15	Orissa Explosives	Nitragel	Nitrablast
16	Premier	Dynex-1, Safex - 1	Dynex-3, Safex-3
17	Raja	Mahagel	Mahaboost
18	RECL	Rajcol	Raj Blast (Super)
19	Regenesis	AECGEL-1 Veejay Column	AECGEL-C Veejay Prime
20	Salvo	Salvo Column	Block Buster
21	Shankar	Shankh Column	Shankh Prime
22	Solar	Solar Gel/Solar Gel-E	Solar Prime/Solar Prime-E
23	Special Blast	Shakti Column	Shakti Prime
24	Sri Krishna	Maruti Column- C	Maruti Booster-C
25	Sri Vishnu	Vishnu Gel	Vishnu Prime
26	SUA	Macwinex NCS-1	Macwinex Base
27	Super Shiv Shakti	Shakti Gel	Shakti Power Blast
28	TIEL	Telgel-I	Tel Prime-1
29	Vetrivel	Sungel	Sun Prime
30	Beezaasan Explotech	Dynaex Column	Dynaex Prime
31	CDET	Mega Gel	Mega Prime
32	Navabharat Fuse	Novacolumn	Nova Prime

3. Copper Electric Detonator (CED)

Sl.	Manufacturer	Brand Name
1	AP Explosives	APCED, APSED
2	C-Det	Electra G, CDET Electra - P
3	Economic	Supreme Copper Instantaneous Electric Detonator
4	GOCL	Instantaneous Electric Detonator
5	Ideal Detonators	Instantaneous Copper Electric Detonator, Instantaneous Copper Electric Detonators with Powder (Epoxy) Coated Steel Shells
6	IEPL	Copper Electric Detonator
7	PEL	Premier Copper Electric Detonator
8	RECL	SPIED
9	Solar	Solar Copper Instantaneous Electric Detonator
10	TIEL	EDC

Section VII – Sample Forms including LoB & Annexures

4. Copper delay detonator (CDD)

Sl.	Manufacturer	Brand name
1	A.P. Explosives	APPDD, APSPDD
2	C-Det	Vectra CDD, CDET Vectra – PDD
3	Economic	Supreme Copper Delay Detonator
4	GOCL	Coal Delay Detonator
5	Ideal Detonators	Super Coal Delay Detonator, Super Coal Delay Detonators with Powder Coated SteelShells (No.0 to 6)
6	IEPL	Carricks Delay Detonator
7	PEL	Copper Delay Detonator
8	RECL	SPMDED No. 8 (0 – 6 delay)
9	Solar	Solar Copper Delay Detonator
10	TIEL	PDD

5. Detonating Fuse (10 g/m charge)

Sl.	Manufacturer	Brand name
1	AMA	MECPRIME CORD-II
2	SBL Energy Ltd.	NEO CORD
3	ANJANA	SUPER CORD-10
4	AP EXPLOSIVES	APEX DETFUSE-10, APEX D – CORD-II
5	ARAVALI	Detonating Fuse A-Cord – II
6	GOCL	D.CORD-II
7	GOUTHAMI	GEL CORD II
8	IDEAL INDUSTRIAL	POWER CORD-10
9	IEPL	CORDTEX
10	IOCL(IBP)	Indo Cord-10
11	ORIENT	ORE CORD-I
12	PREMIER	PREMIER CORD-10, SAFCORD-10
13	RECL	R-CORD-II
14	REGENSIS	AEC V-CORD
15	SOLAR	SOLAR CORD-II
16	SPECIAL BLAST	SHAKTI CORD-10
17	SUA	MACORD-I (10g/m)
18	SUPER SHIV SHAKTI	S Cord II (10g/m)
19	TIEL	TEL CORD-II
20	VETRIVEL	SUN CORD-10
21	Indogulf Industries	Indo Cord (10g/m)
22	Navbharat Fuse	Novacord –II

6. PETN/TNT Cast Booster (100/150/250/500 g)

Sl.	Manufacturer	Brand name
1	Anjana	Super Boost
2	Aravali	Penta Boost
3	GOCL	Pentolite
4	Ideal	Ideal Booster
5	IEPL	Primex
6	IOCL(IBP)	Indocast
7	Keltech	Kelcast-P

Section VII – Sample Forms including LoB & Annexures

8	Premier Explosive	Boostex
9	RECL	Rajolite Booster
10	Regenesis	AEC Cast Booster
11	Solar	Solar Cast-P, Super Cast
12	Special Blasts	Shakti Punj
13	SUA	Macpentolite Booster
14	SBL Energy	NeoPrimex(Pentolite Booster)
15	Navbharat Fuse	Novalite Booster

7. Emulsion Cast Booster (100/150/250/500 g)

Sl.	Manufacturer	Brand name
1	IDL	Emulboost
2	IEPL	Power Gel Boost
3	Solar	Solarcast-E
4	SUA	SUA Boost
5	PEL	Safex-3
6	Regenesis	Indra Emulsion Booster
7	Salvo	Salvo Emul Booster
8	SBL Energy	Neo Boost (E)

8. Cord Relay/Detonating Relay:

Sl.	Manufacturer	Brand name
1.	AMA	AMA Cord Relay
2	A.P. Explosives	AP Cord Relay
3	C-Det	CDET Sigma
4	Economic	Supreme Cord Relay
5	GOCL	CORD RELAY
6	IDEAL Detonators	SUPER RELAY
7	IEPL	DELAY DETONATOR RELAY 25 ms
8	PEL	CORD RELAY
9	RECL	RAJRELAY

9. Non-Electric Detonators

Sl.	Manufacturer	Brand name
1	AMA	Mecdet
2	SBL Energy Ltd.	Neodet
3	AP Explosives	Apexcel, APEXDET
4	C-Det	C-Det Omega
5	Economic	SUPREME DET, SUPREME DET-S
6	GOCL	RAYDET AND TWINDET, Raydet J
7	Ideal Detonators	SRI DET (DTH/TLD) SHOCK TUBE / SRIDET-C
8	IEPL	EXEL MS DET/EXEL NTD/EXEL HANDIDET/ EXELHTD/ACTIV
9	PEL	AMARDET SHOCK TUBE DETONATOR
10	RECL	RAJDET AND MULTIDET
11	Solar	SOLAR DET
12	Regenesis	Indra Excel

Section VII – Sample Forms including LoB & Annexures

10. MS connector

Sl.	Manufacturer	Brand name
1	AMA	Mecdet MSD Connector
2	GOCL	Cord Relay MS
3	IEPL	EXEL MS CONNECTOR
4	C-Det	CDET Optra

11. Electronic detonators

Sl.	Manufacturer	Brand name
1	IEPL	i-kon Digital Energy Control System, Unitronics
2	GOCL	e-Det ft, e-Det.
3	Economic	Microdet-1
4	C-Det	CDET Accura
5	Solar	SOLAR e-det
6	Regenesis Industries Pvt. Limited	Indra Electronic Detonator
7	Ideal detonators	Elcon D
8	SBL Energy Limited	Neo edet
9	AP Explosives	Apex edet

Note: The above is indicative CIL approved Product list. Final approved Product list will be considered based on application received and approved as per the Modified SOP for enlistment/re-enlistment/renewal of CIL Approved Product List through dedicated CIL portal for the purpose.

Section VII – Sample Forms including LoB & Annexures

Annexure-2

Product Specifications & Random Test Parameters

1.1 Permitted explosives (P1/P3 /P5)

Sl.	Parameters	Acceptable Standards
1	Physical condition	Shall be good
2	Velocity of detonation (m/s)	3500±400
3	Density (g/ cc)	1.15±0.05
4	Air gap sensitivity	2 cm If the receiver Cartridge gets initiated in the specified gap by the donor cartridge
5	Continuation of detonation	1 m length of Explosives column fired with No.6 /8 strength Detonator, all Explosive column should fire
6	Water resistance	Shall be water resistant

Cartridge should fire with No. 6 / 8 strength Detonator. If explosives fail to explode, the product will be treated as FAIL.

The Sample shall be treated as “Not Meeting Standards” in random test if it does not meet any of the criterion specified under “Acceptable Standards”.

1.2 Large Dia Explosives

Sl.	Parameters	Acceptable Standards
1	Physical condition	Shall be good
2	Velocity of detonation (m/s)	a) Booster / Primer > = 4000 b) Column > = 3500
3	Density(g/cc)	1.15 ±0.05
4	Air Gap sensitivity	2 cm The receiver Cartridge should get initiated in the specified gap by the donor cartridge.
5	Water resistance	Shall be water resistant

Cartridge should fire with No. 6 / 8 strength Detonator. If explosives fail to explode, the product will be treated as FAIL.

The Sample shall be treated as “Not Meeting Standards” in random test if it does not meet any of the criterion specified under “Acceptable Standards”.

1.3 Detonating Fuse

Sl.	Parameters	Acceptable Standards
1	Physical condition	Shall be good
2	Velocity of detonation (m/s)	> = 6000
3	Diameter (mm)	4.5-5.5
4	Transmission of detonation	The DF is laid down as a main line and branching is laid at different angles from the main line by making a loop. When fire, there shall be no failure in DF either in the main line or in the branch line.

Section VII – Sample Forms including LoB & Annexures

The Sample shall be treated as “Not Meeting Standards” in random test if it does not meet any of the criterion specified under “Acceptable Standards”.

1.4 Detonators (CDD)

Sl. No	Technical Parameter	Desired / Acceptable standards
1	General Requirement	Detonator shall be checked / rechecked and found satisfactory for its Incendivity, handling safety, electrical characteristics, water resistance, strength etc. at CIMFR or any other government agency during last 10 years
2	Resistance	Resistance may lie between 4.5 to 7.0 Ohms as per design and approval of DGMS & PESO for CDD
3	Strength	Strength when measured by lead plate test as per IS 6609 (Part III) should be in B2 Class or better
4	No Fire Current Safety	Detonator should not detonate when a current of 180mA is applied across its terminal for 5 minutes duration
5	Series Firing Current Characteristics	All ten detonator connected in series should detonate when a current of 1.2A is applied for 4 ms.
6	Handling Safety	No detonator should detonate when checked for Drop Test and Snatch Test as per IS 6609 (Part III)
7	Delay Timing -	Average delay timing of particular delay number of CDD should lie within ± 5 ms of the nominal delay timing value of that delay. (Nominal delay timing of delay no. 0, 1, 2, 3, 4, 5, 6 are 0 ms, 25ms, 50ms, 75ms, 100ms, 125ms and 150ms respectively).

The random testing shall be done for Sr. No. 3, 5, 6 and 7 as above. The Sample shall be treated as “Not Meeting Standards” in random test if it does not meet anyof the criterion specified under “Acceptable Standards”.

Note: The Product Specifications and Random Test Parameters for Permitted Electronic Detonators (PED) for use in UG mines will be provided at a later stage.

1.5 Cast Booster (CB)

Sl.	Parameter	Accepted Standards for PETN/TNT based Cast booster	Accepted Standards for Emulsion based Cast booster
1.	Physical condition	Shall be good	Shall be good
2.	Velocity of detonation (m/s)	≥ 6000	≥ 4800
3.	Density (g/cc)	1.5 – 1.6	1.15-1.25
4.	Water resistance	Shall be water resistant	Shall be water resistant
5	Cap sensitivity	Shall be cap sensitive	Shall be cap sensitive

Cast booster should fire with No. 6 / 8 strength Detonator. If explosives fail to explode, the product will be treated as FAIL.

Section VII – Sample Forms including LoB & Annexures

The Sample shall be treated as “Not Meeting Standards” in random test if it does not meet any of the criterion specified under “Acceptable Standards”.

1.6 Nonel (Non-Electric Initiation System / Detonator)

Sl.	Parameter	Acceptable Standards
1.	Physical condition	Shall be good
2.	Strength test	The Nonel were tested under lead plate method (4 cm length, 4 cm width & 0.5 cm thick), if blasts over the lead plate, it should produce dent on the lead plate corresponding to at least C-3 Class as per IS.
3.	Series firing test	10 numbers of Nonel are subjected to series firing tests, all the Nonels shall fire successfully when initiated.
4.	Delay timing (ms)	As specified by the Manufacturer (± 10 ms for long delay & ± 5 ms for connectors)

The Sample shall be treated as “Not Meeting Standards” in random test if it does not meet any of the criterion specified under “Acceptable Standards”.

1.7 Cord Relay / MS Connector

Sl.	Parameters	Acceptable Standards
1.	Physical condition	Shall be good
2.	Transmission Test	Shall pass sensitivity test
3.	Delay period (ms)	As specified by the manufacturer ± 5 ms

The Sample shall be treated as “Not Meeting Standards” in random test if it does not meet any of the criterion specified under “Acceptable Standards”.

1.8 Electronic Detonator

S No	Technical Parameters	Desired/Expected value/Range
1	General requirements	Shall conform to the IS 18462:2023 standards.
2	Resistance to electrostatic discharge	There shall be no unintended initiation when it is tested as per IS 18642:2023 test procedure.
3	Strength	When tested as per point no. 5.4.2 of IS 18462:2023 standards, the detonators should produce a dent on the lead plate corresponding to at least C-3 class [4.6.3.3 of IS 6609 (Part 3)]
4	Handling Safety	No detonator shall fire when checked for drop and snatch test as prescribed in 5.1 & 5.2 respectively in IS 18462:2023.
5	Over voltage immunity	None of the detonator shall detonate when the electronic detonators with lead wires subjected to over voltage immunity test as per IS 18642:2023. Note: Particular recommendations of the manufacturer on lead wire configuration and handling, if any, are followed. The duration of the each stress period is a minimum of 10 sec or longer, as prescribed by the manufacturer.

Section VII – Sample Forms including LoB & Annexures

6	Electromagnetic compatibility and Interference	1) No detonator shall be initiated when the electronic detonators subjected to testing in accordance with the IS 18642:2023. 2) No dummy detonator shall be initiated until firing command is ordered. After giving the firing command all detonators shall be initiated.
7	Abort function	Every electronic initiation system must have a built-in safe abort mechanism as per IS 18642:2023.
8	System function	There should be a two way communication between the detonators and the firing unit and ignition of the detonators connected to the firing device with the specified wire length of the firing line and with the maximum number of detonators per blast. The manufacturer should define the maximum number of detonators per blast with original ignition device. The detonators before every firing test are in the reset state and respond back to the firing unit with their identification number providing their connectivity and preparedness to fire, like the start condition before a real blast.
9	Delay Timing	As specified by the Manufacturer $\pm 0.1\%$
10	Parallel firing test	10 detonators are subjected to parallel firing test, all the electronic detonators shall fire successfully within the same current and application of time.

The random testing shall be done for Sr. No. 3, 4, 7, 9 and 10 as above. The Sample shall be treated as “Not Meeting Standards” in random test if it does not meet anyof the criterion specified under “Acceptable Standards”.

- 1.9** The above technical parameters along with others mentioned at 3.0 of Section VI shall be treated as the acceptable technical specification for technical evaluation of offered item

Section VII – Sample Forms including LoB & Annexures

Annexure-3

Security Deposit Bank Guarantee Proforma

COAL INDIA LIMITED
Coal Bhawan
Materials Management Division
Premises No. 04, Action Area – 1A
New Town, Rajarhat,
Kolkata – 700 156

Re: Bank Guarantee in respect of Agreement / RC no. CIL/C2D/Cart. Expl. & Accs./2025-27/ _____ dated **.0*.2025 between..... (Name of Purchaser Company) and..... (Name of Supplier Company)

Messersa Company / Firm having its office at No. (hereinafter called ‘the Contractor’) has received the Notification of Award / Purchase Order vide no.dated..... (hereinafter called ‘the said Agreement’) with(Name of the Purchaser Company) (hereinafter called ‘the Company’) to supply..... stores/ materials amounting to Rs.on the terms and conditions contained in the said Notification of Award / Purchase Order.

The..... (Name of the Bank) (hereinafter called ‘the Bank’) having its office at..... has at the request of the Contractor agreed to give the guarantee as hereinafter contained.

We.....(Name of the Bank) do hereby unconditionally agree with the Company that if the Contractor shall in any way fail to observe or perform the terms and conditions of the said Agreement or shall commit any breach of its obligations thereunder, the Bank shall on demand and without any objection or demur pay to the Company, the said sum of Rs..... or any portion thereof without requiring the Company to have recourse to any legal remedy that may be available to it to compel the Bank to pay the same or calling on the Company to compel such payment by the Contractor.

Any such demand shall be conclusive as regards the liability of the Contractor to the Company and as regards the amount payable by the Bank under this guarantee. The Bank shall not be entitled to withhold payment on the ground that the Contractor has disputed its liability to pay or has disputed the quantum of the amount or that any arbitration proceeding or legal proceeding is pending between the Company and the Contractor regarding the claim.

We, the Bank, further agree that the guarantee shall come into force from the date hereof and shall remain in full force and effect till the period that will be taken for the performance of the said Agreement which is likely to be the day of..... but if the period of Agreement is extended either pursuant to the provisions in the said Agreement or by mutual agreement between the Contractor and the Company, the Bank shall renew the period of the guarantee failing which it shall pay to the Company the said sum of Rs....., or such lesser amount out of the said sum of Rs.....as maybe due to the Company and as the Company may demand. This guarantee shall remain in force until the dues of the Company in respect of the said sum of Rs..... are fully satisfied and the Company certifies that the Agreement has been fully carried out by the contractor and discharges the guarantee.

Section VII – Sample Forms including LoB & Annexures

The Bank further agrees with the Company that the Company shall have the fullest liberty without the consent of the Bank and without affecting in any way the obligations hereunder to vary any of the terms and conditions of the said Agreement or to extend the time for performance of the said Agreement from time to time or to postpone for any time or from time to time any of the powers exercisable by the Company against the contractor and to forbear to enforce any of the terms and conditions relating to the said Agreement and the Bank shall not be relieved from its liability by reason of such failure or extension being granted to the contractor or through any forbearance, act or omission on the part of the Company or any indulgence by the Company to the contractor or any other matter or thing whatsoever which under the law relating to sureties would but for this provisions have the effect of relieving or discharging the Guarantor.

The Bank further agrees that in case this guarantee is required for a longer period and it is not extended by the Bank beyond the period specified above, the Bank shall pay to the Company the said sum of Rs..... or such lesser sum as may then be due to the Company and as the Company may require.

Notwithstanding anything herein contained the liability of the Bank under this guarantee is restricted to Rs..... only. The guarantee shall remain in force till the..... day of 20... and unless the guarantee is renewed or a claim is preferred against the Bank within the validity period and/or the claim period from the said date, all rights of the Company under this guarantee shall cease and the Bank shall be released and discharged from all liability hereunder except as provided in the preceding clause.

The Bank has under its constitution power to give this guarantee and..... [(Name of the person(s)) who have signed it on behalf of the Bank has authority to do so.

Dated this.....day of20.....

Place.....

Signature of the authorized person(s)
For and on behalf of the

For and on behalf of the Bank

The details of beneficiary bank for sending details of BG under SFMS Platform is furnished below

Name of the Bank: - ICICI Bank

Branch: - Rasoi Court

IFSC: - ICIC0000006

A/c No: - 000651000038

Customer ID : 066312

Section VII – Sample Forms including LoB & Annexures

Annexure-4

Letter of Bid

To

Coal India Limited, Coal Bhawan,
1st Floor, Premises No. 04,
Plot no. AF-III, Action Area 1A, New Town, Kolkata – 700 156,

Dear Sirs,

Sub: Tender No. ----- dated --.

1. Having examined the Tender Document including Addenda/Corrigenda, if any (insert numbers), we, M/s. (..... name of the bidder firm.....) represented by the undersigned, Mr/Ms..... Employee/ Partner /Legal Attorney / Proprietor /Accredited Representative, offer to supply and deliver (description of Goods and Services) vide our offer No.....dated..... in conformity with the said Tender Document.
2. We confirm to accept all terms and conditions contained in the tender document unconditionally.
3. We agree to abide by this bid for a period of 120 days from the date of bid opening and it shall remain binding upon us and may be accepted at any time before the expiration of that period.
4. We confirm that until a formal contract is prepared and executed, this bid together with your written acceptance thereof shall constitute a binding Contract between us.
5. We understand that you are not bound to accept the lowest or any bid you may receive.
6. We confirm that the contents of the offer are given after fully understanding and all information furnished by us are correct and true and complete in every respect.
7. We confirm that all information/ documents / credentials submitted along with the offer are genuine, authentic, true and valid.
8. We confirm that if any information or document submitted is found to be false/incorrect/ forged/tampered in any way, the said offer shall be considered absolutely null & void and action as deemed fit may be taken against us including termination of the contract, forfeiture of all dues including EMD / Security Deposit and Banning of our firm along with all partners of the firm as per provisions of tender document/Purchase Manual of CIL/Provisions of law in force.
9. We certify that there is no Conflict of Interest with any of the Bidders/Agents as defined in Clause 38, ITB.
10. We confirm that we have uploaded the digitally signed Pre-Contract Integrity Pact, as per Annexure - 6, Sample Forms, Section VII without any change in the format.
11. We confirm that we have quoted for the explosives and accessories exactly as per the NIT requirement; otherwise our offer may be liable for rejection.
12. We have read the clause regarding restrictions on procurement from a bidder of a country which shares a land border with India; We certify that we are not from such a country or, if from such a country, have been registered with the Competent Authority. We hereby also certify that we fulfil all requirements in this regard and are eligible to be considered.

Section VII – Sample Forms including LoB & Annexures

[evidence of valid registration by the Competent Authority is attached, if applicable] in “LOB DOCS”.

Dated this _____ day of _____ 20—

Signature _____

Name _____

Designation _____

Seal _____

Duly Authorised to sign bid for and on behalf of _____

Note:

1. This letter should be on the letterhead of the Bidder and should be signed by a person competent and having the authority to bind the Bidder. The said document conferring authority upon the person should be submitted by the Bidder along with the LOB. If the said document conferring the authority is Article of Association of Company, Partnership Deed of a Registered Firm or any resolution of the company, then the copy of the same should be uploaded. In other cases, the letter of authority should be a Power of Attorney sufficient to bind the bidder.
2. Power of Attorney should be on non-judicial stamp paper and sufficiently stamped as per the laws of India.
3. The document conferring authority / Power of Attorney should be dated not later than the date of signing the LOB.
4. Power of attorney to the authorised signatory of the bidder for signing of bid is also to be submitted along with bid and should be dated not later than the date of signing the bid.
5. In case the person who has signed LOB is not bidding himself and has authorized another person whose DSC is mapped in the name of bidder, to bid online on his behalf, then the further authorization on non-judicial stamp paper (as per [Annexure-4B]) by the person signing the LOB in favour of person bidding online is required to be uploaded
6. Strike off whichever is Not applicable.

Section VII – Sample Forms including LoB & Annexures

Annexure – 4B

Format for Authorisation to DSC holder Bidding Online by the person who has signed Letter of Bid

(On NON JUDICIAL STAMP PAPER)

We do hereby authorise M/s. /Mr..... Address
..... whose DSC is mapped in the name of the bidder, for online
bidding on behalf of us for Tender No. Dated invited by CIL on
<https://coalindiatenders.nic.in>.

Name, Signature & Seal of the person who has signed Letter of Bid

And is Authorising the DSC Holder for online bidding.

Name, Signature & Seal of the DSC Holder having DSC mapped in the name of the bidder,
Authorised for online bidding

Signature & Seal of the PUBLIC NOTARY

Section VII – Sample Forms including LoB & Annexures

Annexure 5

Benchmark powder factor of each mine for FY 2024-25 (1st Year – 2025-26 for information purpose only)

Benchmark powder factors for OC mines showing
Benchmark Powder Factor for coal and
Benchmark Powder Factor for OB in Shovel–Dumper bench and
Powder Factor for OB in Dragline bench.

Powder factor for Coal in Te/Kg and OB in CuM/Kg

ECL

AREA	NAME OF MINE	UG		OC	
		Dev	DEP	COAL	OB
PANDAVESWAR	MADHAIPUR OC	1.93	3.56	4.98	2.72
	MANDERBONI SOUTH SAMLA AMALGAMATED COLLIERY [MSAM(A)]	-	2.47		
	PANDAVESWAR	1.87	2.01		
	SOUTH SAMLA				
	KHOTADIH UG	1.75	-		
	DALUR BAND OC (DEPT)			-	2.11
	DALURBAND OC PH-III (H)			6.16	2.10
	DALURBAND OC PH-III			6.19	2.10
	KHOTADIH OC			7.93	2.95
KHOTTADIH OC (H)			-	2.93	
BANKOLA	NAKRAKONDA KUMARDIHI B			480	179
	KHANDRA	2.38	3.10		
	BANKOLA	2.21	3.21		
	S S PUR	1.87	3.32		
	KUMARDIHI A	1.80			
	TILABONI	1.92			
	SHANKARPUR	1.66			
JHANJRA	JHANJRA PROJECT	2.08			
KAJORA	JAMBAD OC(D)			3.98	2.28
	M S PUR 7		2.33		
	NABAKAJORA				
	MADHABPUR		3.74		
	PORASCOLE (E)	2.68	3.73		
	PORASCOLE (W)	1.78	4.81		
	JAMBAD (UG)	3.52	3.67		

Section VII – Sample Forms including LoB & Annexures

AREA	NAME OF MINE	UG		OC	
		Dev	DEP	COAL	OB
	KHAS KAJORA (10&11 PIT)	4.05	4.59		
	KHAS KAJORA (5&6 PIT)	3.94	3.65		
	CENTRAL KAJORA	2.11			
	JAMBAD OC (D)			3.98	2.28
	CL JAMBAD			2.67	1.87
KENDA	NEW KENDA			3.30	2.01
	BAHULA	2.49	2.71		
	LOWER KENDA	2.25			
	CHORA 7&9 PIT	2.60	3.16		
	CHORA 10 PIT	2.85	2.84		
	CH BLOCK INCL	1.59			
	SIDULI OCP (PH-I)		3.38		2.01
	SHANKARPUR			4.51	2.06
	BANBAHAL OC (H)			4.50	2.18
	KUNUSTORIA	AMRITNAGAR	2.21		
KUNUSTORIA		2.21	3.12		
BANSRA		2.09			
BELBAID		1.97	2.56		
PARASEA PIT		2.27	2.78		
N SEARSOLE OC (PH-III)				3.30	2.39
N SEARSOLE OC (PH-IV)(H)				3.26	1.98
BANSRA OC (H)					2.00
NARAYANKURI HIGHWALL					170
N. SEARSOLE OC (PH-IV)				3.26	2.24
SONEPUR BAZARI	SBP (D) SHOVEL				1.67
	SBP (D) DRAGLINE				1.73
	SBP (D)			4.84	
	ICL			4.95	2.12
	D/L SEC 1				1.46
	MAHALAXMI PART II/PART				1.88
	QUARRY 2B				1.79
	QUARRY 2A PART C				1.60
	BONBAHAL			4.05	1.77
	CMAT-1A(2C-2D)				1.84
	UCC (FACE TO CHP)			3.20	1.41

Section VII – Sample Forms including LoB & Annexures

AREA	NAME OF MINE	UG		OC	
		Dev	DEP	COAL	OB
	HANS DIA 4(NEW)				1.50
SRIPUR	KALIPAHAR A PATCH			3.16	3.51
	NINGHA	2.33			
	BHN (W) BLOCK	2.09			
	BHANORA OC (H)			2.41	1.91
SATGRAM-SRIPUR	NINGHA	2.30			
	BHN (W) BLOCK	2.09			
	AMKOLA			3.56	1.88
	SSI (NINGHA) OC PATCH			3.26	2.11
	BHANORA OC				1.73
	KALIDASPUR	1.65	1.80		
	CHAPUIKHAS	1.86			
	NIMCHA	2.11	2.88		
	P-SEARSOLE	1.91			
	SATGRAM INCL	2.25	2.79		
	SATGRAM PROJECT		1.83		
	JK NAGAR	1.80	1.82		
HIGHWALL				1.65	
SODEPUR	MITHANI	2.11			
	BEJDIH	2.29	2.26		
	DHEMO PIT	2.05			
	DHEMO INCL	2.20			
	NARSAMUDA	2.37			
	PATMOHANA		2.90		
	PERBELIA		3.04		
	DUBESWARI		2.53		
CHINAKURI-III	2.36	3.19			
SALANPUR	BONJEMAHARI(D)			6.66	1.29
	BONJEMAHARI (H)				1.19
	DABOR PH-III OC (H)			5.15	1.49
	MOHANPUR OC(H)			4.18	1.66
	ITAPARA(H)			5.73	2.13
	BEGUNIA(H)			3.41	1.63
	GOURANGDIH (D)			4.46	1.78
MUGMA	HARIAJAM	2.02			
	BADJNA OC(D)	2.30		2.30	2.30
	CHAPAPUR- II	2.33			
	LALHIMATA	2.67			
	KUMARDHUBI	2.58			
	SHAMPUR-B	2.42			

Section VII – Sample Forms including LoB & Annexures

AREA	NAME OF MINE	UG		OC	
		Dev	DEP	COAL	OB
	BARMURI OC (D)			3.23	1.99
	RAJPURA OC			4.43	2.61
	GOPINATHPUR OC			6.30	2.18
	CHAPAPUR OC-(H)			4.66	1.49
	CHAPAPUR OC-II (H)			3.55	1.41
	KAPASARA (H)			4.95	1.79
	BADJNA OC(H)			2.93	1.42
	NIRSA OC (H)			5.90	2.51
	S.P.MINES	CHITRA OC (D)			7.83
CHITRA OC PATCH					1.82
RAJMAHAL	RAJMAHAL (D)			7.12	4.09
	AMPL-34 MILLION				4.42
	AMPL -20 MILLION				4.43
	RCML (H)			5.75	4.07
	BLS(H)				3.85

BCCL

AREA & MINE	TYPE (UG/OC)	DEPT/HIRE D	UG MINES		OC MINES		
			COAL PF	COAL PF	COAL PF	OBR PF	OBR PF
			DEV	DEP	SHOVEL/ DUMPER	DRAGLINE	
BARORA							
MURAIIDH COLLIERY	OC	DEPT			4.76	1.37	
DAMODA (H) PATCH A-3	OC	HIRED				1.06	
PHULARITAND (H) PATCH	OC	HIRED			4.80	1.30	
PHULARITAND (U/G)	UG	DEPT	3.36				
MURAIIDH (H) PATCH-4A	OC	HIRED			4.31	1.27	
BLOCK							
AMALGAMATED BLOCK II OCP	OC	DEPT			6.43	1.41	0.94
NEW BENIDH (H) PATCH	OC	HIRED			6.56	1.34	
NEW NUDKHURKEE (H) PATCH	OC	HIRED			6.28	1.25	
GOVINDPUR							
KHARKHAREE COLLIERY	UG	DEPT	2.40				
MAHESHPUR COLLIERY	UG	DEPT	2.64				

Section VII – Sample Forms including LoB & Annexures

AREA & MINE	TYPE (UG/OC)	DEPT/HIRE D	UG MINES		OC MINES		
			COAL PF	COAL PF	COAL PF	OBR PF	OBR PF
			DEV	DEP	SHOVEL/ DUMPER		DRAGLINE
JOGIDIH COLLIERY	UG	DEPT	2.68				
NEW AKASHKENAREE COLLIERY	UG	DEPT	2.84				
BL-IV/ KOORIDIH	OC	DEPT			7.45	1.85	
NEW AKASHKENAREE COLLIERY	OC	DEPT			7.22	1.80	
NEW AKASHKENAREE COLLIERY PATCH	OC	HIRE			6.07	1.36	
KATRAS							
AKWMC MUDIDIH OCP	OC	DEPT			7.75	1.93	
AGKCC (H) PATCH-B	OC	HIRE				2.11	
KANTAPAHARI (H) PATCH	OC	HIRE			4.61	1.59	
TETULMARI (H) PATCH	OC	HIRE				1.47	
SALANPUR COLLIERY	UG	DEPT	2.32				
AKW MUDIDIH (AKWMC)	UG	DEPT	2.77				
SIJUA							
NICHITPUR(H) PATCH-B	OC	HIRE			6.09	1.24	
SANDRA BANSJORA (H) PATCH	OC	HIRE			7.73	1.49	
KANKANEE (H) PATCH-B	OC	HIRE			6.85	1.70	
KANKANEE (H) PATCH-D	OC	HIRE			6.81	1.71	
BASDEOPUR(D) PATCH	OC	DEPT			8.15	1.54	
TETULMARI (H) PAHARI PATCH	OC	HIRE			6.36	1.31	
NICHITPUR COLLIERY	OC	DEPT			7.48	1.45	
TETULMARI COLLIERY	OC	DEPT			7.02	1.72	
TETULMARI (HIRE) PATCH	OC	HIRE			5.67	1.26	
KUSUNDA							
ADIC DHANSAR OCP (D)	OC	DEPT			4.50	1.47	
ADIC (HIRE) PATCH B	OC	HIRE			3.92	1.20	
EAST BASSURIA (H) PATCH-B	OC	HIRE			5.18	1.22	
NGKC (H) PATCH-C	OC	HIRE			3.75	1.48	

Section VII – Sample Forms including LoB & Annexures

AREA & MINE	TYPE (UG/OC)	DEPT/HIRED	UG MINES		OC MINES		
			COAL PF	COAL PF	COAL PF	OBR PF	OBR PF
			DEV	DEP	SHOVEL/ DUMPER		DRAGLINE
ENA (H) PATCH	OC	HIRED			4.42	1.70	
GONDUDIH (HIRED) PATCH B	OC	HIRED			5.61	1.06	
PB AREA							
GOPALICHUCK (H)	OC	HIRED				1.38	
GOPALICHUCK QUARRY A FIRE PATCH	OC	HIRED			6.30	1.29	
GOPALICHUCK PHASE III	OC	HIRED				2.00	
BASTACOLLA							
KOCP(D)	OC	DEPT			8.14	1.48	
BASTACOLLA OCP-1(H) PATCH	OC	HIRED			6.11	1.06	
NC(H) PATCH-II	OC	HIRED			7.90	1.09	
BERA OCP	OC	DEPT					
ROCP/ SOUTH JHARIA(H)PATCH	OC	HIRED			4.31	1.01	
BASTACOLLA COLLIERY	UG	DEPT	2.23				
LODNA							
NT-ST OCP	OC	DEPT			6.18	1.02	
NT-ST (H) PATCH-B	OC	HIRED			6.25	1.09	
JEENAGORA (H) PATCH -B	OC	HIRED			6.66	0.96	
KUJAMA (HIRED) PATCH G	OC	HIRED			5.82	1.61	
AMAL JOYRAMPUR COLLIERY PATCH	OC	HIRED			6.11	1.49	
EASTERN JHARIA							
ASP COLLIERY (H) PATCH-X-2	OC	HIRED			5.45	1.31	
BHOWRA(S) 3 PIT (WEST)	OC	HIRED					
BHOWRA SOUTH (H) PATCH - 4A	OC	HIRED			4.66	1.52	
COCP (H) FIRE PATCH-A	OC	HIRED			5.54	1.42	
C V AREA							
BASANTIMATA DAHIBARI OCP	OC	DEPT			5.26	1.82	
DAHIBARI COLLY PATCH B	OC	HIRED				1.18	

Section VII – Sample Forms including LoB & Annexures

AREA & MINE	TYPE (UG/OC)	DEPT/HIRE D	UG MINES		OC MINES		
			COAL PF	COAL PF	COAL PF	OBR PF	OBR PF
			DEV	DEP	SHOVEL/ DUMPER		DRAGLINE
EAST RAMNAGAR (H) PATCH	OC	HIRE					
BORIRA (H) PATCH-A	OC	HIRE					
WESTERN JHARIA							
MOONIDIH COLLIERY	UG	DEPT					

CCL

NAMES OF MINE	UG MINES		OC MINES			
	COAL PF		COAL PF		OB PF	
	DEV	DEP	DEP	HOE	SHOVEL-DUMPER BENCH	
					DEP	HOE
BARKA-SAYAL						
URIMARI			3.57		1.89	
BIRSA			3.23	3.09	1.32	1.34
SAYAL D (EAST)				3.82		1.79
SAYAL D (WEST)				3.32		2.00
BLKUDRA				2.99		1.42
ARGADA						
GIDI A			3.51		1.41	
GIDI C			3.88		1.58	
RELIGARA			4.21	3.49	1.13	1.44
SIRKA			2.60		1.94	
NORTH KARANPURA						
DAKRA			5.27		2.11	
PURNADIH			4.19		2.58	
ROHINI			4.57		1.96	
KDH			4.98		1.97	
RAJHARA						
TETARIAKHAR			5.16	4.99	2.35	2.19
PIPARWAR						
ASHOKA			5.13	5.14	2.20	2.04
RAJRAPPA						
RAJRAPPA DEPTT			5.26		1.29	1.43
MAGADH & AMRAPALI						

Section VII – Sample Forms including LoB & Annexures

NAMES OF MINE	UG MINES		OC MINES			
	COAL PF		COAL PF		OB PF	
	DEV	DEP	DEP	HOE	SHOVEL-DUMPER BENCH	
					DEP	HOE
AMRAPALI						2.13
MAGADH				5.14		2.53
KUJU						
KARMA			5.24		1.89	
PUNDI					1.05	
TOPA			2.97		1.18	
HAZARIBAGH						
TAPIN (N)			2.98	2.27	1.30	1.22
TAPIN (S)				3.67		1.38
PAREJ			5.66		1.52	
KEDLA UG		3.05				
JHARKHAND			5.50		1.38	
B&K						
BOKARO				4.32	2.53	
KARO				6.84		1.99
AKK/KMP Konar			5.00	5.24	1.51	1.58
GIRIDIH						
KABRIBAD			5.49	3.80	2.17	1.03
DHORI						
AAD OCM			5.42	5.49	1.39	1.10
GIRIDIH						
KABRIBAD						
SD OCM			5.62	5.63	1.14	1.06
DHORI UG		4.45				
KATHARA						
KATHARA				4.17	1.88	1.49
JARANGDIH			5.30	5.11	1.28	1.31
GOVINDPUR-PH-II DEPTT			6.04	4.90	1.38	1.19
GOVINDPUR UG	2.50					

Section VII – Sample Forms including LoB & Annexures

NCL

SI	NAMES OF MINE	COAL PF	OB PF (CUM/KGS)			
			SHOVEL DUMPER		DRAGLINE	D/L FORMATION
		(t/kgs)	DEPT	HIRED		
1	AMLOHRI	6.92	1.64	1.76	1.49	1.69
2	BINA	5.31	1.71	1.73	1.58	-
3	DUDHICHUA	5.02	1.82	1.82	1.83	1.66
4	JAYANT	5.69	1.74	2.24	1.83	1.92
5	JHINGURDAH	8.39	2.02	1.95	-	-
6	KAKRI	7.13	1.73	-	-	-
7	KHADIA	5.48	1.68	1.86	1.70	-
8	NIGAHI	4.88	1.40	1.58	1.51	1.56
9	KRISHNASHILA	6.06	2.77	2.12	-	-
10	BLOCK-B	5.76	-	1.61	-	-

WCL

NAMES OF MINE	UG Mines		OC MINES				
	Dev.PF	Dep.PF	COAL PF (TE/ KG)		OB PF (CUM /KG)		
			DEPT	HOE	SHOVEL DUMPER		DRAGLINE
					DEPT	HOE	
CHANDRAPUR							
MANA INCLINE		2.75					
NANDGAON INCLINE		3.22					
DRC		2.51					
MAHAKALI COLLIERY	2.80						
DURGAPUR OCM			4.64		1.48	1.69	
PADMAPUR OCM			4.92		2.14		
BHATADI OCM			5.96		2.56	2.68	
HLOC				5.87		2.15	
BALLARPUR							
BC 3&4 PITS	2.21						
SASTI UG	2.67	2.80					
SASTI OCM			4.39		2.25	2.32	
POUNI OCM					2.49		
DHOPTALA				6.57		2.24	
BALLARPUR OC				4.98		2.6	
BALLARPUR UG	2.28						
GOURI PAUNI(A) O/C			5.22		2.08	2.24	
GAURI DEEP			5.14		2.68		

Section VII – Sample Forms including LoB & Annexures

NAMES OF MINE	UG Mines		OC MINES				
	Dev.PF	Dep.PF	COAL PF (TE/ KG)		OB PF (CUM /KG)		
			DEPT	HOE	SHOVEL DUMPER		DRAGLINE
					DEPT	HOE	
POUNI II EXPN O/C				5.21		2.21	
MAJRI							
NMOC – II A			4.35			2.55	
NMUG TO OC			5.08		2.02	2.0	
YEKONA (AMALG)				5.95		2.30	
WANI NORTH							
RAJUR UG	2.50						
UKNI O/C			4.96		2.41	2.67	
KOLAPIMPRI O/C				6.37		2.86	
JUNAD O/C			4.70			1.83	
GHONSA OC				4.88		1.92	
NAGPUR							
SILEWARA UG		2.39					
PATANSOANGI UG	1.66						
SAONER - I	2.03						
SAONER - II	1.87						
SAONER - III	1.95						
AMALGAMATED INDER KAMPTEE O/C			6.25	5.69	2.65	2.12	
GONDEGAON O/C			6.37	5.96	2.26	2.61	
BHANEAGAON O/C				6.75		2.43	
SINGORI O/C				5.96		1.83	
ADASA UG TO OC				6.20		1.76	
UMRER							
MURPAR UG	2.00						
UMRER O/C			6.69	4.80	2.60		
MKD-I O/C				6.78		2.03	
MKD-III				7.86		2.03	
GOKUL O/C				7.52		1.79	
PENCH							
MAHADEOPURI UG	2.50	3.75					
VISHNUPURI-II UG	2.12						
MATHANI UG		2.26					
NEHARIYA UG	2.08	2.82					
URDHAN OCM				6.11		1.64	
NEW SETHIA O/C				6.67	-	1.54	
KANHAN							
MOHAN UG	2.92						
TANDSI UG	2.12	3.34					

Section VII – Sample Forms including LoB & Annexures

NAMES OF MINE	UG Mines		OC MINES				
	Dev.PF	Dep.PF	COAL PF (TE/ KG)		OB PF (CUM /KG)		
			DEPT	HOE	SHOVEL DUMPER		DRAGLINE
					DEPT	HOE	
SHARDA UG	1.82						
MOHAN O/C PH IV			-	7.79	-	3.00	
PATHAKHERA							
CHATTARPUR- I	2.08						
CHATTARPUR- II		3.15					
TAWA-I	1.70						
TAWA-II	1.51	2.75					
WANI							
NAIGAON O/C			5.12		1.55	1.71	
NILJAI DEEP O/C			6.88		2.09	2.12	
MUNGOLI O/C			6.30		2.46	2.06	
KOLGAON O/C				5.09		1.94	
PENGANGA O/C			5.19		2.71	2.35	

SECL

AREA	NAME OF MINE	COAL UG DEV	COAL UG DEP	COAL OC DEPT	COAL OC HOE	OBR DEPTT	OBR HOE	42 CUM	D/L
BAIKUNTHPUR	CHURCHA RO	3.12	3.12						
	KATKONA 1&2	1.83							
	PANDAVAPARA	1.45							
	JHILIMILI	1.35	2.06						
BHATGAON	BHATGAON		1.95						
	SHIVANI	1.23	2.30						
	NAWAPARA	1.23							
	MAHAN			3.60		1.25			
	MAHAN-II			2.80	2.83	2.00	1.67		
	JAGANNATHPUR			-	2.46		1.65		
BISHRAMPUR	REHAR	2.04							
	GAYATRI	1.82							
	KUMDA 7&8(NEW)	2.14							
	BALRAMPUR	1.80	1.97						
GOVINDPUR	AMERA			-	2.83		1.71		
	AMGAON			-	3.86		2.07		
CHIRIMIRI	KHURASIA	1.75							
	BARTUNGA HILL		1.97						
	NCPH(NEW)	2.25	2.92						
	CHIRIMIRI			4.81	4.82	1.80	1.80		1.39

Section VII – Sample Forms including LoB & Annexures

AREA	NAME OF MINE	COAL UG DEV	COAL UG DEP	COAL OC DEPT	COAL OC HOE	OBR DEPTT	OBR HOE	42 CUM	D/L
HASDEO	WEST JKD	1.57							
	RAJNAGAR RO	1.69	1.59		4.43		1.61		
	JHIRIA		1.74						
	BIJURI	1.82	2.53						
	BEHRABAND	2.27							
	KURJA	1.82							
	KAPILDHARA		3.43						
	HALIBARI	1.93							
	RAJNAGAR				4.43		1.61		-
JOHILA	NOWROJABAD (W)	1.93							
	PALI	2.21							
	UMARIYA	1.65							
	PIPARIYA	1.72							
	KANCHAN				-	4.40	1.74		
JAMUNA KOTMA	MEERA	2.25							
	JAMUNA 1&2	2.15							
	JAMUNA 9&10		2.56						
	BHADRA 7&8	1.94	2.90						
	BARTARAI	1.74							
	AMADAND			3.93	3.99	1.62	1.67		
SOHAGPUR	RAJENDRA	1.68	3.08						
	DAMINI	1.94	2.79						
	DHANPURI			4.84		1.64			1.21
	AMLAI			5.27	5.10	1.34	1.49		
	SHARADA						1.66		
		RAMPUR BATURA			4.63			1.27	
GEVRA	GEVRA			3.94		2.36	1.59	1.58	
DIPKA	DIPKA			400		1.95	1.57	1.56	
KUSMUNDA	KUSMUNDA			4.60	4.60	2.19	2.09	1.60	
KORBA	SURAKACHAR (M)	1.77							
	SURAKACHAR 3&4		2.64						
	BALGI	1.48							
	DHELWADI	2.26							
	SINGHALI	1.95							
	BHAGDEWA	1.99							
	RAJGAMAR 4&5	1.43							
	MANIKPUR			4.10	3.64	1.18	1.31		
SARAIPALI						1.72			
RAIGARH	CHHAL				3.55		1.91		
	BAROUD				3.14		1.62		
	JAMPALI				2.30		1.92		

Section VII – Sample Forms including LoB & Annexures

AREA	NAME OF MINE	COAL UG DEV	COAL UG DEP	COAL OC DEPT	COAL OC HOE	OBR DEPTT	OBR HOE	42 CUM	D/L
	GARE PELMA IV/2&3			-	3.72		1.72		
	BIJARI				3.06		1.85		

Section VII – Sample Forms including LoB & Annexures

MCL

NAMES OF MINE	UG Mines		OC MINES				
	Dev.PF	Dep.PF	COAL PF (TE/ KG)		OB PF (CUM /KG)		DRAGLINE
			DEPT	HOE	SHOVEL DUMPER		
					DEPT	HOE	
JAGANNATH OCP			4.93		2.23	2.03	
BHARATPUR OCP			4.30	4.23	2.03	1.84	
ANANTA OCP			4.96	4.96	2.78	2.14	
BHUBANESWARI OCP						3.84	
LINGARAJ OCP			4.86	5.04	2.43	2.59	
KANIHA OCP						2.57	
HINGULA OCP			4.70	4.81	2.28	2.03	
BALRAM OCP				4.38	2.33	2.19	
LAJKURA OCP				4.45	1.89	1.97	
SAMLASWARI OCP			3.75	3.81	1.89	1.99	
INT .LBL OCP			3.96	3.96	2.28	2.02	
GARJANBAHAL OCP			4.25	4.43	4.41	2.40	
BASUNDHARA OCP			3.39	3.28	2.33	2.41	
KULDA OCP				3.80	-	2.72	
SIARMAL OCP						2.38	
ORIENT 1 & 2	2.07						
ORIENT 3	1.80						
HIRAKUD BUNDIA	1.32						
NANDIRA		1.72					

NEC		
Sl	Names of Mines	HIRED
1	TIKAK OC	5.12 Cum/Kg

Section VII – Sample Forms including LoB & Annexures

Annexure-6

PRE CONTRACT INTEGRITY PACT

General

This pre-bid pre-contract Agreement (hereinafter called the Integrity Pact) is made on the day of submission of bid, between, on one hand, Coal India Limited/Subsidiary Cos. (hereinafter called the “BUYER / Principal”, which expression shall mean and include, unless the context otherwise requires, his successors in office and assigns) of the First Part and undersigned who is authorized to sign the bid (hereinafter called the “BIDDER/Seller/Contractor” which expression shall mean and include, unless the context otherwise requires, his successors and permitted assigns) of the Second Part.

WHEREAS the BUYER proposes to procure the tendered stores / Equipment / Item / Goods (Name of the Stores/Equipment/Item) and the BIDDER/Seller is willing to offer/has offered the stores and

WHEREAS the BIDDER is a private company/public company/Government undertaking/partnership/registered export agency, constituted in accordance with the relevant law in the matter and the BUYER is a Central Public Sector Unit.

NOW, THEREFORE,

To avoid all forms of corruption by following a system that is fair, transparent and free from any influence/prejudiced dealings prior to, during and subsequent to the currency of the contract to be entered into with a view to:-

Enabling the BUYER to obtain the desired said stores/equipment at a competitive price in conformity with the defined specifications by avoiding the high cost and the distortionary impact of corruption on public procurement, and

Enabling BIDDERS to abstain from bribing or indulging in any corrupt practice in order to secure the contract by providing assurance to them that their competitors will also abstain from bribing and other corrupt practices and the BUYER will commit to prevent corruption, in any form, by its officials by following transparent procedures.

The parties hereto hereby agree to enter into this Integrity Pact and agree as follows:

Section 1 – Commitments of the Principal

(1) The Principal commits itself to take all measures necessary to prevent corruption and to observe the following principles:-

a. No employee of the Principal, personally or through family members, will in connection with the tender for , or the execution of a contract, demand ; take a promise for or accept, for self or third person, any material or immaterial benefit which the person is not legally entitled to.

b. The Principal will, during the tender process treat all Bidder(s) with equity and reason. The Principal will in particular, before and during the tender process, provide to all Bidder(s) the

Section VII – Sample Forms including LoB & Annexures

same information and will not provide to any Bidder(s) confidential / additional information through which the Bidder(s) could obtain an advantage in relation to the tender process or the contract execution.

c. Principal will exclude from the process all known prejudiced persons.

(2) If the Principal obtains information on the conduct of any of its employees which is a criminal offence under the IPC/ PC Act, or if there be a substantive suspicion in this regard, the Principal will inform the Chief Vigilance Officer and in addition can initiate disciplinary actions.

Section 2 - Commitments of the Bidder(s)/ Contractor(s)

(1) The Bidder(s) / Contractor(s) commit themselves to take all measures necessary to prevent corruption. The Bidder(s) / Contractor(s) commit themselves to observe the following principles during participation in the tender process and during the contract execution.

a. The Bidder(s) / Contractor(s) will not, directly or through any other person or firm, offer, promise or give to any of the Principal's employees involved in the tender process or the execution of the contract or to any third person any material or other benefit which he/ she is not legally entitled to, in order to obtain in exchange any advantage of any kind whatsoever during the tender process or during the execution of the contract.

b. The Bidder(s) / Contractor(s) will not enter with other Bidders into any undisclosed agreement or understanding, whether formal or informal. This applies in particular to prices, specifications, certifications, subsidiary contracts, submission or non- submission of bids or any other actions to restrict competitiveness or to introduce cartelisation in the bidding process.

c. The Bidder(s) / Contractor(s) will not commit any offence under the relevant IPC/ PC Act; further the Bidder(s) / Contractor(s) will not use improperly, for purposes of competition or personal gain, or pass on to others, any information or document provided by the Principal as part of the business relationship, regarding plans, technical proposals and business details, including information contained or transmitted electronically.

d. The Bidder(s) / Contractor(s) of foreign origin shall disclose the name and address of the Agents/ representatives in India, if any, Similarly the Bidder(s) /Contractor(s) of Indian Nationality shall furnish the name and address of the foreign principals, if any.

Further details as mentioned in the "Guidelines on Indian Agents of Foreign Suppliers" shall be disclosed by the Bidder(s) / Contractor(s).Further, as mentioned in the Guidelines all the payments made to the Indian agent/ representative have to be in Indian Rupees only. *The guidelines and terms and conditions for India agents of foreign supplier shall be as per the provisions mentioned in the NIT.*

e. The Bidder(s) / Contractor(s) will, when presenting their bid, disclose any and all payments made, is committed to or intends to make to agents, brokers or any other intermediaries in connection with the award of the contract.

f. Bidder(s) / Contractor(s) who have signed the Integrity Pact shall not approach the Courts while representing the matter to IEMs and shall wait for their decision in the matter.

Section VII – Sample Forms including LoB & Annexures

(2) The Bidder(s) / Contractor(s) will not instigate third persons to commit offences outlined above or be an accessory to such offences.

Section 3 - Disqualification from tender process and exclusion from future contracts

If the Bidder, before contract award, has committed a transgression through a violation of Section 2 or in any other form such as to put his reliability or credibility as Bidder into question, the Principal is entitled to disqualify the Bidder from the tender process or to terminate the contract, if already signed, for such reason.

(1) If the Bidder / Contractor / Supplier has committed a transgression through a violation of Section 2 such as to put his reliability or credibility into question, the Principal is also entitled to exclude the

Bidder / Contractor / Supplier from future contract award processes. The imposition and duration of the exclusion will be determined by the severity of the transgression. The severity will be determined by the circumstances of the case. In particular the number of transgressions, the position of the transgressors within the company hierarchy of the Bidder and the amount of the damage. The exclusion will be imposed for a minimum of 6 months and maximum of 3 years.

(2) A transgression is considered to have occurred if the Principal, after due consideration of available facts and evidences within his / her knowledge concludes that there is a reasonable ground to suspect violation of any commitment listed under Section 2 i.e “Commitments of Bidder(s) / Contractor(s).”

(3) The Bidder accepts and undertakes to respect and uphold the Principal’s absolute right to resort to and impose such exclusion and further accepts and undertakes not to challenge or question such exclusion on any ground, including the lack of any hearing before the decision to resort to such exclusion is taken. This undertaking is given freely and after obtaining independent legal advice.

(4) If the Bidder / Contractor / Supplier can prove that he has restored / recouped the damage caused by him and has installed a suitable corruption prevention system, the Principal may revoke the exclusion prematurely.

Section 4 - Compensation for Damages

(1) If the Principal has disqualified the Bidder(s) from the tender process prior to the award according to Section 3, the Principal is entitled to demand and recover the damages equivalent to Earnest Money Deposit/ Bid Security.

(2) If the Principal has terminated the contract according to Section 3, or if the Principal is entitled to terminate the contract according to Section 3, the Principal shall be entitled to demand and recover from the Contractor liquidated damages of the Contract value or the amount equivalent to Performance Bank Guarantee.

Section 5 - Previous transgression

(1) The Bidder declares that no previous transgressions occurred in the last three years with any other Company in any country conforming to the anti-corruption approach or with any Public

Section VII – Sample Forms including LoB & Annexures

Sector Enterprise in India that could justify his exclusion from the tender process.

(2) If the Bidder makes incorrect statement on this subject, he can be disqualified from the tender process or action can be taken as per the procedure mentioned in "Guidelines on Banning of business dealings".

Section 6 - Equal treatment of all Bidders / Contractors / Subcontractors

(1) In case of Sub-contracting, the Principal Contractor shall take the responsibility of the adoption of Integrity Pact by the Sub-contractor.

(2) The Principal will enter into agreements with identical conditions as this one with all Bidders and Contractors.

(3) The Principal will disqualify from the tender process all bidders who do not sign this Pact or violate its provisions.

Section 7 - Criminal charges against violating Bidder(s) / Contractor(s) / Subcontractor(s)

If the Principal obtains knowledge of conduct of a Bidder, Contractor or Subcontractor, or of an employee or a representative or an associate of a Bidder, Contractor or Subcontractor which constitutes corruption, or if the Principal has substantive suspicion in this regard, the Principal will inform the same to the Chief Vigilance Officer.

Section 8 - Independent External Monitor

(1) The Principal appoints competent and credible Independent External Monitor for this Pact after approval by Central Vigilance Commission. The task of the Monitor is to review independently and objectively, whether and to what extent the parties comply with the obligations under this agreement.

(2) The Monitor is not subject to instructions by the representatives of the parties and performs his/ her functions neutrally and independently. The Monitor would have access to all Contract documents, whenever required. It will be obligatory for him / her to treat the information and documents of the Bidders/Contractors as confidential. He/ she reports to the Chairman, Coal India Limited / CMD, Subsidiary Companies

(3) The Bidder(s) / Contractor(s) accepts that the Monitor has the right to access without restriction to all Project documentation of the Principal including that provided by the Contractor. The Contractor will also grant the Monitor, upon his/ her request and demonstration of a valid interest, unrestricted and unconditional access to their project documentation. The same is applicable to Sub-contractors.

(4) The Monitor is under contractual obligation to treat the information and documents of the Bidder(s) / Contractor(s) / Sub-contractor(s) with confidentiality. The Monitor has also signed declarations on 'Non-Disclosure of Confidential Information ' and of 'Absence of Conflict of Interest'. In case of any conflict of interest arising at a later date, the IEM shall inform Chairman, Coal India Limited / CMD, Subsidiary Companies and recuse himself / herself from that case.

(5) The Principal will provide to the Monitor sufficient information about all meetings among the parties related to the Project provided such meetings could have an impact on the contractual

Section VII – Sample Forms including LoB & Annexures

relations between the Principal and the Contractor. The parties offer to the Monitor the option to participate in such meetings.

(6) As soon as the Monitor notices, or believes to notice, a violation of this agreement, he/ she will so inform the Management of the Principal and request the Management to discontinue or take corrective action, or to take other relevant action. The monitor can in this regard submit non-binding recommendations. Beyond this, the Monitor has no right to demand from the parties that they act in a specific manner, refrain from action or tolerate action.

(7) The Monitor will submit a written report to the Chairman, Coal India Limited / CMD, Subsidiary Companies within 8 to 10 weeks from the date of reference or intimation to him by the Principal and, should the occasion arise, submit proposals for correcting problematic situations.

(8) If the Monitor has reported to the Chairman, Coal India Limited / CMD, Subsidiary Companies, a substantiated suspicion of an offence under relevant IPC/ PC Act, and the Chairman, Coal India Limited / CMD, Subsidiary Companies has not, within the reasonable time taken visible action to proceed against such offence or reported it to the Chief Vigilance Officer, the Monitor may also transmit this information directly to the Central Vigilance Commissioner.

(9) The word 'Monitor' would include both singular and plural.\

Section 9 - Pact Duration

This Pact begins when both parties have legally signed it. It expires for the Contractor 12 months after the last payment under the contract, and for all other Bidders 6 months after the contract has been awarded. Any violation of the same would entail disqualification of the bidders and exclusion from future business dealings.

If any claim is made / lodged during this time, the same shall be binding and continue to be valid despite the lapse of this pact as specified above, unless it is discharged / determined by Chairman Coal India Limited / CMD, Subsidiary Companies.

Section 10 - Other provisions

(1) Changes and supplements as well as termination notices need to be made in writing. Side agreements have not been made.

(2) If the Contractor is a partnership or a consortium, this agreement must be signed by all partners or consortium members.

(3) Should one or several provisions of this agreement turn out to be invalid, the remainder of this agreement remains valid. In this case, the parties will strive to come to an agreement to their original intentions.

(4) Issues like Warranty / Guarantee etc. shall be outside the purview of IEMs.

(5) In the event of any contradiction between the Integrity Pact and its Annexure, the Clause in the Integrity Pact will prevail.

Section 11- Facilitation of Investigation

Section VII – Sample Forms including LoB & Annexures

In case of any allegation of violation of any provisions of this Pact or payment of commission, the BUYER or its agencies shall be entitled to examine all the documents including the Books of Accounts of the BIDDER and the BIDDER shall provide necessary information and documents in English and shall extend all possible help for the purpose of such examination.

Section 12- Law and Place of Jurisdiction

This Pact is subject to Indian Law. The place of performance and jurisdiction is the seat of the BUYER.

Section 13 - Other Legal Actions

The actions stipulated in this Integrity Pact are without prejudice to any other legal action that may follow in accordance with the provisions of the extant law in force relating to any civil or criminal proceedings.

(For & On behalf of Bidder)

This document is digitally signed

Section VII – Sample Forms including LoB & Annexures

Annexure-7

Proforma / checklist for inspection of various equipment's / accessories, testing facility, record of testing of cartridge Explosives & Accessories

Sl	Particular	Yes / No
1	Facility for testing Velocity of Detonation (VOD)	Yes / No
2	Facility for testing Density	Yes / No
3	Facility for testing Cap Sensitivity	Yes / No
4	Facility for testing Air Gap Sensitivity	Yes / No
5	Facility for testing Continuation of Detonation	Yes / No
6	Facility for testing of any raw material	Yes / No
7	Facility for testing Fuels	Yes / No
8	Safety room for field testing of explosives	Yes / No
9	Facility for measuring resistance	Yes / No
10	Facility for measuring the delay timing	Yes / No
11	Facility for measuring diameter	Yes / No
12	Suitable pit with safety zone for testing	Yes / No
13	Suitable equipment for density measurement	Yes / No
14	Aluminum plate/Plastic plate (as per IS norms for VOD testing)	Yes / No
15	Exploder with cable	Yes / No
16	High pressure (water resistance test) vessel	Yes / No
17	Facility for drop test (for detonators)	Yes / No
18	Equipment for titration	Yes / No
19	PH Meter	Yes / No
20	Digital Capacitance Meter	Yes / No
21	Viscometer	Yes / No
22	Dean & Stark Distillation Apparatus	Yes / No
23	Mantle Heater	Yes / No
24	Hygrometer	Yes / No
25	Hydrometer	Yes / No
26	Water Bath	Yes / No
27	Digital Thermometer	Yes / No
28	Water distillation unit	Yes / No
29	Sieves of various Meshes	Yes / No
30	Chemical Balance	Yes / No
31	Various chemical reagent	Yes / No

Section VII – Sample Forms including LoB & Annexures

Annexure-8

Number of Parallel Running Contracts to be concluded against this tender:

Item	No. of Parallel RCs
P-1	3
P-3	3
P-5	3
Large Dia	5
CDD/ PED	4
Detonating Fuse	5
PETN / TNT Cast Booster	5
Emulsion Cast Booster	4
Cord Relay / Detonating Relay	3
Non-electric detonators	4
MS connector	3
Electronic detonators	4

Section VII – Sample Forms including LoB & Annexures

Annexure - 9

No.F.1/4/2021-PPD
Government of India
Ministry of Finance
Department of Expenditure
Public Procurement Division

264-C, North Block, New Delhi.
18.05.2023.

OFFICE MEMORANDUM

Subject: Concurrent application of Public Procurement Policy for Micro and Small Enterprises Order, 2012 and Public Procurement (Preference to Make in India) Order, 2017.

The undersigned is directed to refer two Preferential Procurement Orders mandated for the Public Procurement in India, namely:

- i. Public Procurement Policy for Micro and Small Enterprises (MSEs) Order dated 23.03.2012 (PPP-MSE Order) issued by Ministry of Micro, Small and Medium Enterprises (MoMSME) in exercise of the powers conferred in Section 11 of the MSME Development Act, 2006. (Last revised on 09.11.2018)
 - ii. Public Procurement (Preference to Make in India) Order, 2017 (PPP-MII order), under Rule 153(iii) of the General Financial Rules (GFRs) 2017, approved by the Cabinet. Implementation of this PPP-MII order is monitored by Department for Promotion of Industry and Internal Trade (DPIIT). (Last revised on 16.09.2020.)
2. It has been brought to the notice of this Department that concurrent application of these two orders are creating confusion to the procuring entities and different procuring entities interpret them differently. In order to bring predictability both to the procuring entities as well as bidders, following guidelines are being issued.

Guidelines

3. The Class-I local suppliers, under PPP-MII Order, participating in any government tender, may or may not be MSEs, as defined under the MSME Act. Similarly, MSEs participating in any government tender, may or may not be Class-I local suppliers. Suppliers may be categorised in following four broad categories for consideration or applicability of purchase preference:

Category	Terminology
Supplier is both MSE & Class-I local supplier.	"MSE Class-I local supplier"
Supplier is MSE but not Class-I local supplier.	"MSE but non-Class-I local supplier"
Supplier is not MSE but is Class-I local supplier.	"Non-MSE but Class-I local supplier"
Supplier is neither MSE nor Class-I local.	"Non-MSE non-Class-I local supplier"

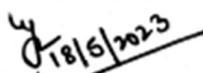
Section VII – Sample Forms including LoB & Annexures

4. The applicability of PPP-MSE Order and PPP-MII Order in various scenarios, involving simultaneous purchase preference to MSEs and Class-I local suppliers under PPP-MSE Order and PPP-MII Order respectively, shall be as under:
- a) *Items covered under Para 3(a) of PPP- MII Order, 2017 for which Nodal Ministry has notified sufficient local capacity and competition:* For these items, only Class-I local suppliers are eligible to bid irrespective of purchase value. Hence, Class-II local suppliers or Non-local suppliers, including MSEs which are Class-II local suppliers/ Non-local suppliers, are not eligible to bid. Possible scenarios can be as under:
- (i) L-1 is "MSE Class-I local supplier" - 100% of the tendered quantity is to be awarded to L-1.
 - (ii) L-1 is "Non-MSE but Class-I local supplier" - Purchase preference is given to MSEs as per PPP-MSE Order. Balance quantity is to be awarded to the L-1 bidder.
- b) *Items reserved exclusively for procurement from MSEs as per PPP-MSE Order:* These items are reserved exclusively for purchase from MSEs. Hence, non-MSEs are not eligible to bid for these items. Possible scenarios can be as under:
- (i) L-1 is "MSE Class-I local supplier" - 100% of the tendered quantity is to be awarded to L-1.
 - (ii) L-1 is "MSE non-Class-I local supplier" - Purchase preference is to be given to Class-I local supplier as per PPP-MII Order. Balance quantity, is to be awarded to L-1 bidder.
- c) *If items are neither notified for sufficient local capacity nor reserved for MSEs, then the process will be as follows:*
- c (a) Items covered under Para 3A(b) of PPP-MII Order are divisible items and both MSEs as well as Class-I local suppliers are eligible for purchase preference. Possible scenarios can be as under:
- (i) L-1 is "MSE Class-I local supplier" - 100% of the tendered quantity is to be awarded to L-1.
 - (ii) L-1 is "Non-MSE but Class-I local supplier" - Purchase preference is to be given to MSEs, if eligible, as per PPP-MSE Order. Balance quantity is to be awarded to L-1 bidder.
 - (iii) L-1 is "MSE but non-Class-I local supplier" - Purchase preference is to be given to Class-I local suppliers, if eligible, as per PPP-MII Order. Balance quantity is to be awarded to L-1 bidder.
 - (iv) L-1 is "Non-MSE non-Class-I local supplier" - Purchase preference is to be given to MSEs as per PPP-MSE Order. Thereafter, purchase preference is to be given to Class-I local suppliers for "50% of the tendered quantity minus quantity allotted to MSEs

Section VII – Sample Forms including LoB & Annexures

above" as per PPP- MII Order. For the balance quantity, contract is to be awarded to L-1 bidder. (Kindly refer to the illustrative example in the annexure).

- c (b) Items covered under Para 3A(c) of PPP-MII Order, 2017 are non-divisible items and both MSEs as well as Class-I local suppliers are eligible for purchase preference. Possible scenarios can be as under:
- (i) L-1 is "MSE Class-I local supplier" - Contract is awarded to L-1.
 - (ii) L-1 is not "MSE Class-I local supplier" but the "MSE Class-I local supplier" falls within 15% margin of purchase preference - Purchase preference is to be given to lowest quoting "MSE Class-I local supplier". If lowest quoting "MSE Class-I local supplier" does not accept the L-1 rates, the next higher "MSE Class-I local supplier" falling within 15% margin of purchase preference is to be given purchase preference and so on.
 - (iii) If conditions mentioned in sub paras (i) and (ii) above are not met i.e. L-1 is neither "MSE Class-I local supplier" nor "MSE Class-I local supplier" is eligible to take benefit of purchase preference, the contract is to be awarded/ purchase preference to be given in different possible scenarios as under:
 - A. L1 is "MSE but non-Class-I local supplier" or "Non-MSE but Class-I local supplier" – Contract is be awarded to L1.
 - B. L1 is "Non-MSE non-Class-I local supplier" - First purchase preference to be given to MSE as per PPP-MSE Order. If MSE not eligible/ does not accept - purchase preference to be given to Class- I Local supplier as per PPP-MII Order. If Class-I Local supplier also not eligible/ does not accept – contract to be awarded to L-1.
- d) *Items reserved for both MSEs and Class-I local suppliers:* These items are reserved exclusively for purchase from MSEs as well as Class-I local suppliers. Hence, only "MSE Class-I local supplier" are eligible to bid for these items. Non-MSEs/Class-II local suppliers/ Non-local suppliers cannot bid for these items. Hence the question of purchase preference does not arise.
- e) Non-local suppliers, including MSEs falling in the category of Non-local suppliers, shall be eligible to bid only against Global Tender Enquiry.


(Kanwalpreet)
Director

Tel.:-223093811; email: - kanwal.irss@gov.in

To

1. Secretaries of all Central Government Ministries/ Departments.
2. Secretary Department of Public Enterprises with a request for issuing suitable instructions to all Central Public Sector Enterprises in this regard.

Section VII – Sample Forms including LoB & Annexures

Example explaining applicability in scenario explained in para 4 c (a)(iv)

(Scenario: Divisible items, both MSEs as well as Class-I local suppliers eligible for purchase preference and L-1 is "Non-MSE non-Class-I local supplier")

Item – Desktop computer

Qty – 50 Nos.

Details of bids received

Sr. No.	Name of bidder	Rates quoted	Price Ranking	Status of bidder
1.	A	100	L1	"Non-MSE non- Class-I local supplier"
2.	B	110	L2	"Non-MSE but Class-I local supplier"
3.	C	112	L3	"MSE but non- Class-I local supplier"
4.	D	115	L4	"Non-MSE but Class-I local supplier"
5.	E	118	L5	"MSE but non- Class-I local supplier"
6.	F	120	L6	"MSE Class-I local supplier"

1. In this case, first purchase preference is to be given to MSEs as per PPP-MSE Order for 25% of tendered quantity of 50 Nos. i.e. 12.5 Nos. (rounded off to the next whole number say 13 Nos). Accordingly, invite L3 (bidder C), whose quoted rates falls within 15% margin of purchase preference to match L1 price i.e. Rs. 100/- for quantity of 13 Nos. Bidder "E" and "F", although MSEs, will not get purchase preference since their quoted rates don't fall within 15% margin of purchase preference. Bidder C will be considered for order of 13 Nos. on confirmation of reduction of price.
2. For 50% of balance quantity of 37 number (tendered quantity of 50 – 13 awarded to bidder C; assuming bidder C has confirmed to accept L1 rates), purchase preference will be given to lowest Class-I local supplier as per PPP-MII Order. Accordingly, bidder B will be invited to match L-1 price for 50% of 37 Nos i.e. 18.5 (say 19 Nos of computers). If bidder "B" does not accept the L1 price i.e. price of Rs. 100/- per unit, next higher Class-I local supplier falling within 20% margin of purchase preference, i.e. bidder "D", may be invited to match L-1 price for 19 Nos. of computers and so on.
3. For remaining quantity i.e. 18 Nos (50-13-19), the contract will be awarded to lowest quoting bidder i.e. Bidder "A", who is L-1 in the example.

Section VII – Sample Forms including LoB & Annexures

Annexure - 10

Format for 'No Claim Certificate' to be issued by Supplier

(On company letterhead)

To
Coal India Limited,
Coal Bhawan,
1st Floor, Premises No. 04,
Plot no. AF-III, Action Area 1A,
New Town, Kolkata – 700 156

NO CLAIM CERTIFICATE

Sub: **RC no. ----- dated -----for the supply of Cartridge Explosives & Accessories to
----- Subsidiaries of CIL**

We have received the full and final settlement of all the payments due to us from _____(Name of CIL's Subsidiary) for the supply of Cartridge Explosives & Accessories under the abovementioned RC, between us. We hereby unconditionally and without any reservation whatsoever, certify that we shall have no claim whatsoever, of any description, on any account, against _____ (Name of CIL's Subsidiary), against aforesaid RC executed by us other than release of the Security Deposit. We further declare unequivocally, that we have received all the amounts payable to us from _____ (Name of CIL's Subsidiary), and have no dispute of any description whatsoever, regarding the amounts worked out as payable to us and received by us, and that we shall continue to be bound by the terms and conditions of the RC, as regards performance of the contract.

Yours faithfully,
Signatures of contractor or
officer authorised to sign the contract documents
on behalf of the contractor
(Company stamp)

Date: _____

Place: _____

Section VII – Sample Forms including LoB & Annexures

Annexure-11

Format for Local Content Certificate

[Separately for each offered product (for each Brand Name)]

.....

Date:.....

Certificate of Local Content as per Public Procurement (Preference to Make in India) Order, 2017 (as amended from time to time)

Tender No. ----- dated -----.

I/We the Statutory Auditor/ the Cost Auditor/ Practicing Cost Accountant/ Practicing Chartered Accountant (strike-off which is not applicable) of M/s, having registered office at hereby confirm that the percentage of local content in the offered product [**Brand Name....**] of M/s is -----% and meets the local content requirement for ‘Class-I local supplier’ as prescribed under Public Procurement (Preference to Make in India) Order, 2017(as amended from time to time).

OR

I/We the Statutory Auditor/ the Cost Auditor/ Practicing Cost Accountant/ Practicing Chartered Accountant (strike-off which is not applicable) of M/s, having registered office at hereby confirm that the percentage of local content in the offered product [**Brand Name....**] of M/s is -----% and meets the local content requirement for ‘Class-II local supplier’ as prescribed under Public Procurement (Preference to Make in India) Order, 2017(as amended from time to time).

The details of the location(s) at which the local value addition is made, is/are as under:

- 1.
- 2.
- 3.

For.....(Name of the firm)

Name of the Statutory Auditor/ the Cost Auditor (in case of companies)/Practicing Cost Accountant/ Practicing Chartered Accountant (other than companies)

Official Stamp ...

UDIN No.....

Place:

Date:

Note: This certificate shall be issued by the Statutory Auditor/ the Cost Auditor (in case of companies) and

Practicing Accountant/ Chattered Accountant (other than companies).

Section VII – Sample Forms including LoB & Annexures

Annexure – 12

Improved Methodology for Determination of Bench Mark Powder Factor

1. Scope of Work

- i. Study of mine plans, inspection of mine site, Geo- Mining condition, GR/PR of Mine/Project/block
- ii. Method of Mining.
- iii. Study of previous record of achieved Powder Factor of the mine.
- iv. Designing of blast pattern based on the technical parameters with consultation with mine management before trial Blast.
- v. Conducting trial blasts in each bench of OB/Coal and evaluation of blast performance.
- vi. Fragmentation analysis of each trial blast using WipFrag/ dedicated software.
- vii. Measurement of the actual volume of Blasted material by determining of Initial RL of OB/Coal bench before blasting & final RL of the same after mucking.
- viii. Explosive used in each trial blast.
- ix. Determine the achievable optimum benchmark Powder Factor.
- x. Designing of blast pattern after correlating the all blast results.

2. Base-line Study

- i. Prediction of Hardness of Strata.
- ii. Testing of Bulk/ cartridge Explosives used.
- iii. Fragmentation assessment of each Blast.
- iv. Estimation of PPV due to blasting.
- v. Measurement the actual volume (with the pre and post survey) after blasting as well as mucking.
- vi. To estimate the Powder Factor of each Blast.
- vii. Design of blast Patten based on analysis of blast results & Hardness of Strata.

3. Instruments & Software Used

Methodology for determination of Bench Mark Powder Factor has incorporated Velocity of Detonation, actual measurement of the blasted material pre & post survey, Compressive Strength of the rock, Fragmentation analysis. The following instruments have been used:

- Seismograph / Vibrometer
- VOD Meter and Delay Timer
- Schmidt Hammer
- Fragmentation Analysis Software
- Digital Weighing Machine
- Other Equipment

4. Methodology

i. Compressive Strength measurement of Rock

Compressive strength is the resistance that the rock can withstand before failure. Based on the compressive strength, the rocks can be classified as hard, medium hard or soft. Rebound hammer test using Schmidt Hammer will be used for calculating the compressive strength of the rock.

Hardness of Rock is considered while deciding blast design parameters like burden, spacing, stemming and amount of explosive to be used for good fragmentation.

ii. Blast Geometry

Scientific Formulae has been considered while deciding given Parameters and these formulae for Blast design is modified if needed based on local geological condition which varies mine to mine. Different parameters are:

- Burden

Section VII – Sample Forms including LoB & Annexures

- Stemming Height
- Stemming Material
- Sub-drilling
- Spacing
- Blast Hole depth
- Delay Interval

iii. Intrinsic Properties and Functional Requirement of the Explosives

Velocity of detonation (VOD) of explosives plays an important role for desired fragmentation. Soft strata require lesser VOD and more gas formation for breakage while the hard strata requires high VOD in order to get optimum fragmentation. Density of the explosive is a very important factor that can be measured by water displacement method. Relative Bulk Strength (RBS) is the measure of the energy available per unit volume of explosive as compared to an equal volume of bulk ANFO at 0.81gm/cc density.

iv. Fragmentation Analysis by Using WipFrag Software

The fragmentation study of the blast will help us in determining the percentage of % of oversize Blasted Material & mean Fragment Size as well as muck pile profile formed in a blast. The allowable boulder size depends upon the type of equipment used for mucking of the material. Fragmentation analysis software like Fragblast, WipFrag can be gainfully used for fragmentation analysis to obtain both the fragment size distribution, boulder percentage calculation and the muck profile analysis. If the fragmentation is not satisfactory then such blast will not be considered for determination of powder factor.

v. Blast Induced Ground Vibration

The use of explosives to execute blasting activities will always lead to concern as to its effects on the environment. The ground vibration induced due to blasting impact the nearby localities & surrounding of the mines. In order to determine the induced ground vibration, measurement of PPV was carried out with seismograph at different distances from SME charged blasting sites.

vi. Pre & Post Blast Survey

In order to determine the powder factor of the mine, the actual amount of blasted rock that has been removed from the blast is necessary for measurement. It can be achieved by carrying out pre (before blasting) and post blast (After material is mucked) survey of the location. It will bring accuracy in the measurement of amount of material removed in a blast. This excavated blasted volume divided by explosives consumed will give us the actual powder factor that can be achieved in the mine under present geo-mining conditions.

5. Benchmark Powder Factor for a Mine

The following formulae to be used for determination of powder factor:

$$\text{PF (m}^3\text{/kg) for OB} = \frac{\text{Sum of total volume (m}^3\text{) of overburden for all available benches in OB)}}{\text{Sum of total quantity of explosives used in all above blasts in OB benches}}$$

$$\text{PF (Te/kg) for Coal} = \frac{\text{Sum of total tonne of coal of all benches}}{\text{Sum of total quantity of explosives (kg) used in all the above blasts in coal benches}}$$

6. Designing of blast pattern based on correlating the all blast results and Hardness of Strata

Blast design will be given after correlating of all blast results and Hardness of Strata, so that optimum fragmentation can be achieved at desired Powder Factor.

7. Existing Methodology vis-à-vis Proposed Improved Methodology

No.	Existing Methodology	Proposed Improved Methodology
a.	For subsequent year, the average PF achieved in previous financial year shall be fixed as Bench Mark PF.	Benchmark determined with improved methodology and will be fixed with an allowable Range of (+/- 2%). Once fixed the BMPF range will remain the same for

Section VII – Sample Forms including LoB & Annexures

		subsequent years until reviewed.
b.	As per NIT of Coal India Limited, bench Mark PF shall be fixed in notional manner through a committee.	The Bench Mark PF (BMPF) shall be fixed by proposed improved methodology through a committee.
c.	limited Instruments used.	<p>Numerous Scientific instruments such as:</p> <ul style="list-style-type: none"> • Schmidt Hammer • Digital VOD Meter • Software for fragmentation assessment. • High resolution camera for Fragment photograph and its analysis. • Vibration Monitor • Digital Weighing Machine • GPS etc.
d.	Hardness of Strata is not measured.	Hardness of Strata has been considered for fixation of BMPF. Hardness of strata is measured by Schmidt Hammer.
e.	Fragmentation is visually Analyzed.	Fragmentation assessment is done by WipFrag Software. Mean Fragment Size and over size fragmented material is analyzed by dedicated software.
f.	VOD & Density of Explosive is not measured.	VOD and Density of Explosive has been considered.
g.	Mine Surveyor for measuring depth, spacing and burden of each hole at the blast site. Measured In-situ Volume of the rock. Actual volume of Blasted material is not Measured.	Mine Surveyor for measuring depth, spacing and burden of each hole at the blast site and additionally measure the actual volume of Blasted material by determining of Initial RL of OB bench before blasting & final RL of the same after mucking.
h.	Blast design is given.	Blast design is given as per analysis of trial blast as well as Harness of Strata.

Section VII – Sample Forms including LoB & Annexures

Annexure-13

Check list of Documents to be uploaded in Techno- Commercial Bid

The bidder shall upload the scanned copies of the following documents in suitable folders / spaces in Techno-Commercial Bid as mentioned below:

Sl. No.	Document	NIT Clause Ref. No.	Folder Name
1	Letter of Bid (LOB) in the bidder's letter head as per format given at Annexure – 4	Section-II, ITB, Clause-13.2.i & Section-VII, Sample Forms, Annexure-4	LOB DOCs
2	Document conferring Authority/ Power of Attorney (document should be dated not later than the date of signing the bid.)	Section-II, ITB, Clause-13.2.i & Section-VII, Sample Forms, Annexure-4	LOB DOCs
3	In case the person who has signed LOB is not bidding himself and has authorized another person to bid online on his behalf, then the further authorization on non-judicial stamp paper duly notarized (as per Annexure-4B) by the person signing the LOB in favour of person bidding online.	Section-II, ITB, Clause-13.2.i. Note & Section-VII, Sample Forms, Annexure-4 (Note) & Annexure-4B	LOB DOCs
4	Certificate of Local Content as per format enclosed as Annexure – 11, will to be submitted separately in respect of each of the quoted items	Section-II, ITB, Clause-6.C	COMMERCIAL DOCs
5	Evidence of valid registration by the Competent Authority , if applicable	Section-II, ITB, Clause-6. D & E	COMMERCIAL DOCs
6	Certificates towards being MSE	Section-II, ITB, Clause-7.d & f	COMMERCIAL DOCs
7	In case of bidders seeking exemption from submission of EMD, the scanned copy of the Documentary evidence for exemption as per Clause-15, ITB, Section-II, as the case may be.	Section-II, ITB, Clause-15.B	Instructions given at Clause-15.B of the ITB is to be followed.
8	Pre-Contract Integrity Pact is available for downloading under Work Item Documents against this tender at the e-procurement portal. The bidders will have to download this Pre-Contract Integrity Pact and shall have to upload	Section-II, ITB, Clause-37	PRE CONTRACT IP DOC
9	Commercial Documents towards bidder's eligibility and qualifications.	Section-VI, Technical Section including Specifications, Clause-2	COMMERCIAL DOCS
10	Documents towards Technical Section including Specifications,	Section-VI,	TECH DOCs