

WESTERN COAL FIELDS LIMITED
OFFICE OF THE GENERAL MANAGER (MATERIALS MANAGEMENT) PUR
COAL ESTATE , CIVIL LINES, NAGPUR – 440 001.
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Notice for Pre-NIT meeting

WCL is in the process of procurement of “3.3kV & 11kV NFLP VCBs, 33kV NFLP VCBs and 3.3kV, 6.6kV & 11kV NFLP VCB Panel” through GeM portal.

Draft NIT document is enclosed is herewith for ready reference. Interested Bidders are requested to send their comments/suggestions @ email id: shshaik@coalindia.in by 02 November 2023 1:30pm.

Interested Bidders are requested to send their authorized representative to attend the Pre-NIT meeting scheduled to be held in the office of GM(MM) Pur HOD, WCL Hqrs, Coal Estate, Civil Lines, Nagpur on 03 November 2023 at 11:00 am.

Enclosed: Draft NIT document

A. 3.3 KV & 11 KV VCBs

Item-1
Item Description: VCB 800A, 3.3KV, Outdoor Type
QUANTITY REQUIRED- 1 set
Including:CTR 100/5, 75 MVA for 1 set
DETAILS TO BE INDICATED BY BIDDER :
1- Make of manufacturing unit of VCB set:
2- Make of VCB:
3- Model of VCB:
4- Status of Bidder (manufacturer or authorized dealer)
NOTE: VCB set means complete unit as per item description including VCB, control & relay panel, CTs & PTs, etc
Item-2
Item Description: VCB 630A, 3.3KV, Outdoor Type
QUANTITY REQUIRED- 3 set
Including: CTR 100/5, 75 MVA for 1 set CTR 140/5 75 MVA for 2 sets
DETAILS TO BE INDICATED BY BIDDER :
1- Make of manufacturing unit of VCB set:
2- Make of VCB:
3- Model of VCB:
4- Status of Bidder (manufacturer or authorized dealer)
NOTE: VCB set means complete unit as per item description including VCB, control & relay panel, CTs & PTs, etc
Item-3
Item Description: VCB 400A, 3.3KV, Outdoor Type
QUANTITY REQUIRED- 2 set
Including:CTR 100/5, 75 MVA for 2 sets
DETAILS TO BE INDICATED BY BIDDER :
1- Make of manufacturing unit of VCB set:
2- Make of VCB:
3- Model of VCB:
4- Status of Bidder (manufacturer or authorized dealer)
NOTE: VCB set means complete unit as per item description including VCB, control & relay panel, CTs & PTs, etc
Item-4
Item Description: VCB 400A, 3.3KV, Indoor Type

<p>QUANTITY REQUIRED- 13 set</p> <p>Including: CTR 400-200/5, 75 MVA for 12 set CTR 300/5 75 MVA for 1 set</p>
DETAILS TO BE INDICATED BY BIDDER :
1- Make of manufacturing unit of VCB set:
2- Make of VCB:
3- Model of VCB:
4- Status of Bidder (manufacturer or authorized dealer)
NOTE: VCB set means complete unit as per item description including VCB, control & relay panel, CTs & PTs, etc
Item-5
Item Description: VCB 400A, 3.3KV, Outdoor Type
<p>QUANTITY REQUIRED- 1 set</p> <p>Including: CTR 400-200/5, 200 MVA for 1 set</p>
DETAILS TO BE INDICATED BY BIDDER :
1- Make of manufacturing unit of VCB set:
2- Make of VCB:
3- Model of VCB:
4- Status of Bidder (manufacturer or authorized dealer)
NOTE: VCB set means complete unit as per item description including VCB, control & relay panel, CTs & PTs, etc
Item-6
Item Description: VCB 1250A, 11KV, Outdoor Type
<p>QUANTITY REQUIRED- 4 sets</p> <p>Including: CTR 400/5, 350 MVA for 4 set</p>
DETAILS TO BE INDICATED BY BIDDER :
1- Make of manufacturing unit of VCB set:
2- Make of VCB:
3- Model of VCB:
4- Status of Bidder (manufacturer or authorized dealer)
NOTE: VCB set means complete unit as per item description including VCB, control & relay panel, CTs & PTs, etc
Item-7
Item Description: VCB 630A, 11KV, Outdoor Type
<p>QUANTITY REQUIRED- 4 sets</p> <p>Including: CTR 200-100/5, 350 MVA for 1 sets</p>

CTR 100/5, 350 MVA for 3 sets
DETAILS TO BE INDICATED BY BIDDER :
1- Make of manufacturing unit of VCB set:
2- Make of VCB:
3- Model of VCB:
4- Status of Bidder (manufacturer or authorized dealer)
NOTE: VCB set means complete unit as per item description including VCB, control & relay panel, CTs & PTs, etc
Item-8
Item Description: VCB 400A, 11KV, Outdoor Type
QUANTITY REQUIRED- 1 set
Including: CTR 200-100/5, 150 MVA for 1 set
DETAILS TO BE INDICATED BY BIDDER :
1- Make of manufacturing unit of VCB set:
2- Make of VCB:
3- Model of VCB:
4- Status of Bidder (manufacturer or authorized dealer)
NOTE: VCB set means complete unit as per item description including VCB, control & relay panel, CTs & PTs, etc
Item-9
Item Description: VCB 400A, 11KV, Indoor Type
QUANTITY REQUIRED- 1 set
Including: CTR 100/5, 150 MVA for 1 set
DETAILS TO BE INDICATED BY BIDDER :
1- Make of manufacturing unit of VCB set:
2- Make of VCB:
3- Model of VCB:
4- Status of Bidder (manufacturer or authorized dealer)
NOTE: VCB set means complete unit as per item description including VCB, control & relay panel, CTs & PTs, etc
Item-10
Item Description: VCB 400A, 11KV, Indoor Type
QUANTITY REQUIRED- 1 set
Including: CTR 200/5, 250 MVA for 1 set
DETAILS TO BE INDICATED BY BIDDER :
1- Make of manufacturing unit of VCB set:
2- Make of VCB:

3- Model of VCB:
4- Status of Bidder (manufacturer or authorized dealer)
NOTE: VCB set means complete unit as per item description including VCB, control & relay panel, CTs & PTs, etc
COMMON PARAMETERS
2.0-PROVENNESS CRITERIA :
<p>2.1. The equipment offered by the tenderer shall be considered proven provided ONE number of the type (VCB), Tendered/ Higher Capacity (both Ampere Rating & voltage rating) of offered equipment, must have been supplied by the bidder (or Manufacturer in case bidder is not the manufacturer) in India to mining industry and/or to the other Industries (Private or Government/ Public Sector Undertaking) and performed satisfactorily for a minimum period of one years from the date of commissioning. The performance of only those equipment would be considered for assessing provenness which have been commissioned 1 years prior to the date of opening of tender but not prior to 5 years from the date of opening of tender.</p> <p><i>Note: In case of Trial Orders placed by CIL and Subsidiaries, the Trial Order quantities will be considered for provenness.</i></p>
<p>2.2. In case the type (VCB),Tendered/ Higher Capacity (both Ampere Rating & voltage rating) of offered equipment has not been supplied by the bidder (or Manufacturer in case bidder is not the manufacturer) in India or if supplied and commissioned in India but the same has not completed ONE year of performance for provenness as mentioned above, the offered equipment will be considered proven if the minimum worldwide population is ONE number of the type (VCB),Tendered/ Higher Capacity (both Ampere Rating & voltage rating) of offered equipment which was commissioned ONE year prior to the date of opening of tender but not prior to 5 years from the date of opening of tender and performed satisfactorily for a minimum period of one years from the date of commissioning. The worldwide population of the bidder will be considered for provenness only when the bidder gives an undertaking that it has not supplied the type (VCB), Tendered/ Higher Capacity (both Ampere Rating & voltage rating) of offered equipment in India or if supplied and commissioned in India, the same has not completed required years of performance for provenness as mentioned above at sub clause-2.1.</p>

2.3. In case the indigenous manufacturer is quoting the type (VCB), Tendered/ Higher Capacity (both Ampere Rating & voltage rating) of offered equipment as supplied by their foreign collaborator / foreign principal worldwide in the past and the offered equipment of indigenous manufacturer has either not been supplied in India or if supplied and commissioned in India, but the same has not completed the ONE years of performance for provenness as mentioned above, the offered equipment will be considered proven if the minimum worldwide population is ONE number the type (VCB), Tendered/ Higher Capacity (both Ampere Rating & voltage rating) of offered equipment which have been commissioned ONE years prior to the date of opening of tender but not prior to 5 years from the date of opening of tender and performed satisfactorily for a minimum period of ONE year from the date of commissioning.

However, for worldwide population, foreign collaborator's experience of supplying the type (VCB), Tendered/ Higher Capacity (both Ampere Rating & voltage rating) of offered equipment worldwide shall be considered only if the indigenous manufacturer submits digitally signed copy (for documents submitted on e-procurement portal)/ self-certified copy (for documents submitted in modes other than e-procurement portal) of their collaboration agreement with the foreign collaborator which should be valid as on the date of opening of the tender and should also remain valid at least upto supply and commissioning of the last equipment covered in the contract. However, the principal manufacturer will confirm to ensure supply of spares & consumables and service support for smooth running of the equipment throughout its life. Further, if any indigenous content is added by the indigenous manufacturer in the offered equipment, the foreign collaborator will give an undertaking for successful performance of the equipment with the indigenization carried out by the indigenous manufacturer during lifetime of the equipment.

2.4. In case the indigenous manufacturer is quoting the offered equipment as supplied by their licensor having valid IPR for the type (VCB), Tendered/ Higher Capacity (both Ampere Rating & voltage rating) of offered equipment being offered worldwide in the past and the type (VCB), Tendered/ Higher Capacity (both Ampere Rating & voltage rating) of offered equipment of indigenous manufacturer has either not been supplied in India or if supplied and commissioned in India, but the same has not completed the required years of performance for provenness as mentioned above, the offered equipment will be considered proven if the minimum worldwide population is of ONE no. of the type (VCB), Tendered/ Higher Capacity (both Ampere Rating & voltage rating) of offered equipment which have been commissioned ONE year prior to the date of opening of tender but not prior to 5 years from the date of opening of tender and performed satisfactorily for a minimum period of ONE year from the date of commissioning.

However, for worldwide population, the bidder's and licensor's experience of supplying the type (VCB), Tendered/ Higher Capacity (both Ampere Rating & voltage rating) of offered equipment worldwide shall be considered only if the indigenous manufacturer submits digitally signed copy (for documents submitted on e-procurement portal)/ self-certified copy (for documents submitted in modes other than e-procurement portal) of their License Agreement with the company having valid IPR for the equipment being offered, which should be valid as on the date of opening of the tender and should also remain valid at least upto supply and commissioning of the last equipment covered in the contract. The bidder and licensor for the equipment being offered will also confirm to ensure supply of spares & consumables and service support for smooth running of the equipment throughout its life. Further, if any indigenous content is added by the indigenous manufacturer in the offered equipment, the foreign collaborator will give an undertaking for successful performance of the equipment with the indigenization carried out by the indigenous manufacturer during lifetime of the equipment.

2.5. Indian Manufacturing entity of foreign manufacturer and bidding as Indigenous manufacturer:

In case the Indian manufacturing entity of foreign manufacturer who has sufficient facility for manufacturing, supply and after sales service of the type (VCB), Tendered/ Higher Capacity (both Ampere Rating & voltage rating) of offered equipment as supplied by their foreign (principal) manufacturer worldwide in the past and the type (VCB), Tendered/ Higher Capacity (both Ampere Rating & voltage rating) of offered equipment of Indian manufacturing entity has either not been supplied in India or if supplied and commissioned in India, the same has not completed ONE year of performance for provenness as mentioned above, the offered equipment will be considered proven if the ONE no. of the type (VCB), Tendered/ Higher Capacity (both Ampere Rating & voltage rating) of offered equipment which have been commissioned ONE year prior to the date of opening of tender but not prior to 5 years from the date of opening of tender and all of them have performed satisfactorily for a minimum period of ONE years from the date of commissioning.

However, for worldwide equipment population, the bidder's and principal manufacturer's experience of supplying the the type (VCB), Tendered/ Higher Capacity (both Ampere Rating & voltage rating) of offered equipment worldwide shall be considered only if the Indian manufacturing entity submits digitally signed copy (for documents submitted on e-procurement portal)/ self-certified copy (for documents submitted in modes other than e-procurement portal) of valid Legal Agreement/ Collaboration Agreement/ License Agreement/ MOU with foreign (principal) manufacturer for the equipment being offered and a declaration from the Foreign Manufacturer that all related required Intellectual Property of quoted equipment are accessible by the Indian manufacturing entity. Further, the foreign manufacturer will give an undertaking for successful performance of the equipment to be manufactured by the Indian manufacturing entity during lifetime of the equipment. The bidder and foreign principal manufacturer for the equipment being offered will also confirm to ensure supply of spares & consumables and service support for smooth running of the equipment throughout its life.

2.6. "Satisfactory Performance" means the supplied equipment must have achieved the guaranteed annual availability, if any, as per the performance guarantee clause of the supply orders/ contracts for a minimum period of one year from the date of commissioning. In case supply orders/ contracts do not have provision for guaranteed annual availability, the bidder will submit satisfactory performance report issued by end users as per benchmark regarding performance of equipment, if any, incorporated in the supply orders/ contracts against which these equipment were supplied. In case, the Performance Report(s) of the End-User(s) is not available, the bidder shall submit self-certification claiming satisfactory performance of the equipment supplied.

2.7. Start ups and MSEs are exempted from prior experience criteria and should submit proof of establishing the quality assurance & technical capability for tendered item issued by any statutory authority in line with Relaxation of Norms for Startups & MSEs in Public Procurement regarding prior experience - prior turnover criteria as per Annexure 2.
3.0-SERVICE CONDITIONS :
3.1-Place of use :Coal Mines
3.2-Ambient temperature: 50 deg.C.
3.3-Altitude: 300M above MSL
3.4-Environment: Dusty (mostly coal dust)
3.5-Relative humidity: 98%
4.0-TECHNICAL PARAMETER :
4.1-Type of Breaker: Vacuum Break
4.2-No. of poles: Three
4.3-Voltage system: 3.3 kv / 11kV (as per item description)
4.4-System Frequency: 50 Hz
4.5-Utilization category of Vacuum Circuit Breaker: AC-3 OF Relevant IS:13118-1991/ IS/ IEC/62271, with latest amendment / version, if any
4.6-Degree of protection: Relevant IS:3427-1997, with latest amendment / version, if any
4.7-For General requirement : Relevant IS:13118-1991/ IS/ IEC/62271, with latest amendment / version, if any
4.8-Circuit Breaker : Relevant IS:13118-1991/ IS/ IEC/62271, with latest amendment / version, if any
4.9-Isolator : Relevant IS:13118-1991/ IS/ IEC/62271, with latest amendment / version, if any
4.10- Potential transformer: IS:3156(Part 1,2&3)-1992 / Relevant Indian Standard, with latest amendmend / version, if any
4.11- Current transformer: IS:2705(Part-1,2 &3)-1992, / Relevant Indian Standard, with latest amendmend / version, if any
4.12-Other components : Relevant IS.
4.13- Operating mechanism (for 3.3kV VCB): Manually operated Triple Pole Trip Free Mechanism with ON-OFF Indicator Operating mechanism (for 11kV VCB) - The closing mechanism shall be motorized spring charged type with anti pumping feature & Trip free mechanism. Provision for manual charging of the springs shall also be provided.
4.14-Tripping: D.C. Shunt Trip Mechanism (Source of D.C. Supply will be from self contained P.T. Suitably rectified)

4.15- Rated Short Circuit Breaking capacity for:

(i) Item1 to Item4 - 75 MVA

(ii) Item5: 200MVA

(iii) Item6 & item7: 350MVA

(iv) Item8 & Item9: 150MVA

(v) Item 10: 250 MVA

Rated Short circuit breaking Current for:

(i) Item 1 to Item 4 - 12.5 KA or more

(ii) Item 5: 31.5KA or more

(iii) Item 6 & Item 7: 16KA or more

(iv) Item 8 & Item 9: 6.3KA or more

(v) Item 10: 12.5 KA or more

4.16. Offered item shall be manufactured as per relevant provisions (latest amendment/revision) of Indian electricity Acts, Indian electricity Rules, CEA Regulations, DGMS norms and any other statutory norms. Any other components, accessories, safety feature etc, not specifically mentioned in specifications, but essential for safe & trouble free performance is deemed to be included in the specifications.

5.0-CONSTRUCTION :

5.1-Mounting : Self supported floor mounted

5.2-BUS BAR : Breaker shall have its own Bus Bar

5.3-Busbar requirement: Made of Electrolytic copper of cross section not less than 300 Sq.mm covered with heat shrunk PVC sleeves.

5.4-Provision shall be there for coupling of bus bar so that more VCBs may be added if required

5.5-ISOLATION: HORIZONTAL DRAW OUT

5.6.- ISOLATOR: Triple pole off-load, Isolator should have two positions namely ON & OFF. The positions should be clearly marked in a permanent manner on the body of the enclosure. It should be of robust in construction to withstand short circuit current. The Isolator should be mechanically interlocked with front cover preventing removal of cover except when the isolator is in 'OFF' position. It should also have interlock, preventing operation of the isolator with the cover removed. The Isolator and the circuit breaker should be so interlocked that the isolator cannot be put OFF without tripping the circuit breaker first.

Isolator rating: Shall not be less than continuous current rating of offered breaker.

5.7. Provision of Lock out tag out shall be provided in-line with Cl. 2.1. of DGMS circular DGMS (Tech)/ Circular (MAMID)/08 dated 29.04.2020: Provision shall be provided for "shutdown procedure with lock out and tag out system with a provision of mutile lock, displaying the person's name, designation and photo"

6.0-INSTRUMENTS (To be provided on each VCB other than sectionaliser or bus coupler)

6.1-Ampere meter of suitable Rating

6.2-Voltmeter of suitable rating
6.3-Energy meter of suitable Rating:
7.0-PROTECTIONS:
7.1-Overload/Short circuit and earth fault protection: Combined three pole Electronic relay of inverse type characteristic(IDMT) 2 O/C+1E/F having O/C setting 50% to 200% and Earth Fault setting 10% to 40% with instantaneous high set relay having O/C setting range not more than 400% on lower side and 1600% on upper side.
Under voltage protection range upto 70%(or larger range) with time delay.
7.2-Earth Leakage Protection: CBCT operating E/L Relay having setting range 100mA to 5A (in steps)
7.3-Potential transformer: Epoxy resin sealed, 3ph 3.3kv/110v .
7.4- VA Rating of P.T. : The control circuit & closing & tripping of Circuit Breaker as well as spring motor charging should be operated through PT. PT should be of adequate VA Rating.
7.5-PROTECTIONS OF P.T.: Through HRC fuses of suitable capacity on both PRIMARY as well as SECONDARY side of P.T.
7.6-Current transformer: One set of three, epoxy sealed
7.7. Digital meters & electronic / digital / numerical / microprocessor type relay should be provided for protection, metering and indicating purpose.
7.8. All interlocks should be provided as per CEAR.
8.0-PRE-DESPATCH INSPECTION AND TESTS :
8.1-The VCB will be inspected by WCL's representative/third party inspection agency at manufacturer's works before dispatch to ascertain the conformity of the VCB to supply order specifications, relevant ISS, Indian Electricity Rules & test certificates
8.2-The manufacturer shall make available to the inspector the required test facilities with necessary support for conducting the tests as per relevant ISS and supply order specifications.
8.3-The manufacturer shall make available to the inspector the following documents during the inspection.:
(a) Copies of valid type test certificates for offered make and tendered or higher rating (current & voltage both) of VCB as per relevant part of CEA guidelines 2023 (with latest revision / amendment, if any).
(b) Copies of relevant IS specifications. Also any other relevant test reports / documents as per requirement of inspecting authority shall be provided.
(b) Test certificates for all routine tests as per relevant IS conducted on circuit breaker offered for inspection.
(c) Test certificates in respect of relays
(f) General arrangement drawing of the offered VCB showing overall dimensions.
(g) Schematic circuit diagram.
9.0-DOCUMENTS TO BE SUBMITTED WITH OFFER :

9.1. Supply order, for the type (VCB) and Tendered/ Higher Capacity (both Ampere Rating & voltage rating) of offered equipment, supplied during last 5 years from date of tender opening, from Mining Industry and/or from the other Industries (Private or Govt./Public Sector Undertakings- indigenous or global) against provenness criteria.

9.2. Satisfactory performance certificate against the submitted supply orders i.e. the supplied equipment must have achieved the guaranteed annual availability, if any, as per the performance guarantee clause of the supply orders/ contracts for a minimum period of one year from the date of commissioning. In case supply orders/ contracts do not have provision for guaranteed annual availability, the bidder will submit satisfactory performance report issued by end users as per benchmark regarding performance of equipment, if any, incorporated in the supply orders/ contracts against which these equipment were supplied.

In case, the Performance Report(s) of the End-User(s) is not available, the bidder shall submit self-certification claiming satisfactory performance of the equipment commissioned for not less than one year from the date of commissioning, along with proof of payment against the submitted supply order. The details of format for self-certification are given in Annexure-3.

9.3- Start ups and MSEs are exempted from prior experience criteria and should submit proof of establishing the quality assurance & technical capability for tendered item issued by any statutory authority in line with Relaxation of Norms for Startups & MSEs in Public Procurement regarding prior experience - prior turnover criteria as per Annexure 2.

9.4- Valid type test report of offered make and tendered or higher rating (current & voltage both) of VCB, issued by CPRI / ERDA / NABL accredited labs / laboratories approved by Govt., for (a) basic short circuit test duties OR (b) short time withstand current & peak withstand current test.

The type test certificate shall be issued in the name of offered manufacturing firm / offered make of circuit breaker. It shall be valid on the date of bid opening as per relevant part of CEA guidelines 2023 (with latest revision / amendment, if any). The type test report issued prior to five years from the date of opening of bid shall not be considered as valid type test report.

10.0-DOCUMENTS TO BE SUBMITTED WITH THE SUPPLIES :

10.1- Type test certificate from Govt./Govt. approved test house for the relays used in the VCB.

10.2-Two copies of installation, maintenance and spare parts manuals for the VCB supplied.

10.3-Pre-despatch inspection report of inspecting authority.

10.4- Routine test report of the test conducted on each VCB.

10.5-Circuit diagram of offered VCB.

10.6-General arrangement drawing of the offered VCB showing dimensions.

11.0 - Delivery Schedule: Within 03 (Three) from the date of the supply order Delivery period shall be reckoned from 7th (seventh) day of order date.

12.0 - Guarantee / Warranty:

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.

2. This warranty shall remain valid for twelve (12) months from the date of Commissioning of the equipment.

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 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.

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.

13.0 - Installation & Commissioning: Material shall be installed and commissioned by WCL. You have to provide technical supervision only for carrying out installation and commissioning job.

B. 33KV VCB Breakers

Item: 1
Item Description:33 KV 1250A, OUTDOOR TYPE, VACUUM CIRCUIT BREAKER, NFLP ,EACH CONSISTING OF A - VCB with control cubicle and mounting structure. -one set, B - control and relay panel -one set C - C Ts & P Ts -3 no. Each, D-batteries+charger-one set,
Quantity Required- 9 set
including: CTR 150/5 & 100/5 for 1set CTR 150/5 & 75/5 for 7set CTR 75/5 for 1 set
Bidder to indicate:
1- Make of manufacturing unit of VCB set:
2- Make of VCB:
3- Model of VCB:
4- Status of Bidder (manufacturer or authorized dealer)
NOTE: VCB set means complete unit as per item description including VCB, control & relay pnel, CTs & PTs, etc
Item: 2
Item Description:33 KV 630 A, OUTDOOR TYPE, VACUUM CIRCUIT BREAKER, NFLP ,EACH CONSISTING OF A - VCB with control cubicle and mounting structure. -one set, B - control and relay panel -one set C - C Ts & P Ts -3 no. Each, D-batteries+charger-one set
Quantity Required- 11 sets
including: CTR 75/5 & 60/5 for 3 set CTR 200/5 & 50/5 for 4 set CTR 200/5 & 100/5 for 4 set
Bidder to indicate:

1- Make of manufacturing unit of VCB set (complete unit as per item description including VCB, control & relay pnel, CTs & PTs, etc):
2- Make of VCB:
3- Model of VCB:
4- Status of Bidder (manufacturer or authorized dealer)
NOTE: VCB set means complete unit as per item description including VCB, control & relay pnel, CTs & PTs, etc
3.0-SERVICE CONDITIONS :
3.1-Place of use surface,:coalfield area
3.2-Ambient temperature : 50 deg.C.
3.3-Altitude within :1000M above MSL
3.4-Environment :Dusty (mostly coal dust)
3.5-Relative humidity :98%
4.0-REFERENCE STANDARDS
4.1-General requirement for Circuit Breaker: IS:13118-1991/ IEC 62271 , with latest amendmend / version, if any
4.2-Bushing :IS:2099-1981, with latest amendmend / version, if any
4.3-Current Transformer: IS :2705(PART 1,2,3)-1992 / Relevant IS, with latest amendment / version, if any
4.4-POTENTIAL TRANSFORMER : IS :3156(PART 1,2,3)-1992 / Relevant IS, with latest amendment / version, if any
4.5-Low voltage control panel and protection: IS:13947 / IS-IEC 60947 / Relevant Indian Standard, with latest amendmend / version, if any
4.6-Galvanization of iron and steel: IS:2629-1985, with latest amendmend / version, if any
4.7- Offered item shall be manufactured as per relevant provisions (latest amendment/revision) of Indian electricity Acts, Indian electricity Rules, CEA Regulations, DGMS norms and any other statuory norms. Any other components, accessories, safety feature etc, not specifically mentioned in specifications, but essential for safe &trouble free performance is deemed to be included in the specifications.
5.0-TECHNICAL PARAMETER :
5.1-Type of Breaker :Vacuum Break
5.2-No. of poles :Three
5.3-Nominal System Voltage :33 kV
5.4-Ampere Rating : As per item description
5.5-System Frequency :50 Hz
5.6-Type of enclosure : NFLP
5.7-Class Outdoor
5.8-Utilization category of Vacuum Circuit Breaker :AC-3 OF IS:13118-1991/ IS/ IEC 62271, , with latest amendmend / version, if any

5.9-Minimum degree of protection - IP55 (in accordance with IEC 60529) for outdoor enclosure.
5.10-Operating mechanism - Motor operated spring charged control mechanism shall be provided with anti-pumping feature & Trip free mechanism.
a- Provision for manual charging of the springs shall also be provided.
b-the operating mechanism shall be housed in weatherproof cabinet with degree of protection IP-55
5.11- Effective spring charging motor to be provided, as per suitability
5.12-Neutral grounding system: Effectively grounded
5.13-Tripping/Closing:Electrical with closing and shunt trip coil
5.14-Rated Short time withstand Current: 12.5 KA (min) for 3 sec
5.15-Rated Short circuit breaking Current: 12.5 KA (min)
5.16-Rated impulse withstand voltage: 170 KV
5.17-Rated power frequency withstand voltage: 70KV(rms)
5.18-Rated breaking Capacity :750 MVA
5.19-OVER VOLTAGE PROTECTION SHOULD BE PROVIDED IN THE VCB
5.20.Provision of Lock out tag out shall be provided in-line with Cl. 2.1. of DGMS circular DGMS (Tech)/ Circular (MAMID)/08 dated 29.04.2020: Provision shall be provided for "shutdown procedure with lock out and tag out system with a provision of mutile lock, displaying the person's name, designation and photo"
6.0-REMOTE CONTROL & RELAY PANEL
6.1-CONSTRUCTION : Indoor cubicle type
6.2-MOUNTING : self-supported floor mounted
6.3-Thickness of the m.s. sheet used for fabrication: min. 2 mm thick
6.4. Method of closing: a- Normal: Remote & Local b- Emergency: Remote & local
6.5. Method of tripping: a- Normal: Remote & Local b- Emergency: Remote & local
7.0-PROTECTIONS :
7.1-Auxiliary relays for buchholtz, temperature, high speed tripping and trip circuit supervision
7.2-Overload/Short circuit and earth fault protection: Combined three pole electronic relay of inverse type characteristic (IDMT) 2 O/C+1 E/F having O/C setting 50% to 200% and Earth Fault setting 10% to 40% with instantaneous high set relay having O/C setting range not more than 400% on lower side and 1600% on upper side.
7.3. Digital meters & electronic / digital / numerical / microprocessor type relay should be provided for protection, metering and indicating purpose.
7.4. All interlocks should be provided as per CEAR.

8.0-INSTRUMENTS
8.1-Ampere meter with selector switch of suitable Rating: one no. on each panel
8.2-Voltmeter with selector switch of suitable rating: one no. on each panel
8.3-Energy meter of suitable rating: one no. on each panel
8.4-POWER FACTOR METER: one no. on each panel
9.0-INSTRUMENT TRANSFORMERS
9.1-POTENTIAL TRANSFORMER: one set of three, out door type , oil immersed, dead tank, hermitically scaled, padestel mounting, 33kv, tr 33000 v/110 v,with VA Rating not less than 100va.PROTECTIONS OF P.T.through hrc fuses of suitable capacity on both primary as well as secondary side of p.t.
9.2-CURRENT TRANSFORMER: one set of three, out door type , oil immersed, dead tank, hermitically scaled, padestel mounting, 33kv, CTR as mentioned in Item, 1 Set with 2 cores, 1 for protection & 1 for metering,with RATED OUTPUT AND CLASS OF ACCURACY,30 VA, 5 P 15
9.3. VA Rating of P.T. The control circuit & closing & tripping of Circuit Breaker as well as spring motor charging should be operated through PT. PT should be of adequate VA Rating.
10.0-PRE-DESPATCH INSPECTION AND TESTS :
10.1. The VCB will be inspected by the WCL's representative/third party inspection agency at manufacturer's works before dispatch to ascertain the conformity of the VCB to supply order specifications, relevant ISS, Indian Electricity Rules and test certificates.
10.2-The manufacturer shall make available to the inspector the required test facilities with necessary support for conducting the tests as per relevant ISS and supply order specifications.
10.3-The manufacturer shall make available to the inspector the following documents during the inspection.
(a) Copies of valid type test certificates for offered make and tendered or higher rating (current & voltage both) of VCB as per relevant part of CEA guidelines 2023 (with latest revision / amendment, if any).
(b) Copies of relevant IS specifications. Also any other relevant test reports / documents as per requirement of inspecting authority shall be provided.
(c) Test certificates for all routine tests conducted on circuit breaker offered for inspection
(d) Test certificates in respect of relays AND C.Ts & P.Ts
(e) General arrangement drawing of the offered VCB showing overall dimensions.
(f) Schematic circuit diagram.
11.0-DOCUMENTS TO BE SUBMITTED WITH OFFER :
11.1.- Supply order, for the type (VCB) of Tendered/ Higher Rating (both current & voltage), supplied during last 5 years from date of tender opening, from Mining Industry and/or from the other Industries (Private or Govt./Public Sector Undertakings- indigenous or global) against provenness criteria

11.2- Satisfactory performance certificate against the submitted supply orders i.e. the supplied equipment must have achieved the guaranteed annual availability, if any, as per the performance guarantee clause of the supply orders/ contracts for a minimum period of one year from the date of commissioning. In case supply orders/ contracts do not have provision for guaranteed annual availability, the bidder will submit satisfactory performance report issued by end users as per benchmark regarding performance of equipment, if any, incorporated in the supply orders/ contracts against which these equipment were supplied.

In case, the Performance Report(s) of the End-User(s) is not available, the bidder shall submit self-certification claiming satisfactory performance of the equipment commissioned for not less than one year from the date of commissioning, along with proof of payment against the submitted supply order and Commissioning Certificate(s). The details of format for self-certification are given in Annexure-3.

11.3- Start ups and MSEs are exempted from prior experience criteria and should submit proof of establishing the quality assurance & technical capability for tendered item issued by any statutory authority in line with Relaxation of Norms for Startups & MSEs in Public Procurement regarding prior experience - prior turnover criteria as per Annexure 2.

11.4- Valid type test report of offered make and tendered or higher rating (current & voltage both) of VCB, issued by CPRI/ STL members/ ERDA / NABL accredited labs / laboratories approved by Govt., for (a) basic short circuit test duties OR (b) short time withstand current & peak withstand current test.

The type test certificate shall be issued in the name of offered manufacturing firm / offered make of circuit breaker. It shall be valid on the date of bid opening as per relevant part of CEA guidelines 2023 (with latest revision / amendment, if any). The type test report issued prior to five years from the date of opening of bid shall not be considered as valid type test report.

12.0-DOCUMENTS TO BE SUBMITTED WITH THE SUPPLIES :

12.1-Works test certificate for the routine tests conducted on VCB as per relevant IS.

12.2- Test certificate from Govt./Govt. approved test house for the C.Ts , P.Ts AND relays used in the VCB.

12.3-Two copies of installation, maintenance and spare parts manuals for the VCB supplied.

12.4-Pre-despatch inspection report of inspecting authority.

12.5-Technical brochures/literature in respect of the VCB,PT,CT,and other meters incorporated .

12.6-Circuit diagram of offered VCB.

12.7-General arrangement drawing of the offered VCB showing overall dimensions.

13.0 - Delivery Schedule: Within 03 (Three) from the date of the supply order Delivery period shall be reckoned from 7th (seventh) day of order date.

14.0 - Guarantee / Warranty:

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.

2. This warranty shall remain valid for twelve (12) months from the date of Commissioning of the equipment.

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 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.

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.

15.0 - Installation & Commissioning: Material shall be installed and commissioned by WCL. You have to provide technical supervision only for carrying out installation and commissioning job.

C. VCB Panels

Item-1
Item Description: A panel of 6 VCBs 11kV 400A 150MVA Indoor type - 2 set
Panel 1: i-One VCB with CTR 250/5 (incomer) ii-One VCB with CTR 100/5 (outgoing) iii-Three VCB with CTR 50/5 (outgoing) iv-One VCB with CTR 25/5 (outgoing)
Panel 2: i-One VCB with CTR 100/5 (incomer) ii-One VCB with CTR 100/5 (outgoing) iii-Three VCB with CTR 50/5 (outgoing) iv-One VCB with CTR 25/5 (outgoing)
DETAILS TO BE INDICATED BY BIDDER :
1- Make of manufacturing unit of VCB Panel:
2- Make of VCB:
3- Model of VCB:
4- Status of Bidder (manufacturer or authorized dealer)
NOTE: VCB Panel means combination of VCBs (including incoming, outgoing & sectionalizer VCB) along with control & relay panel, CTs & PTs, etc
Item-2
Item Description: A Panel of 14 VCBs, 11KV, 1250A 75 MVA Indoor Type - 1 set
i-Two VCBs with CTR 250/5 (incomer) ii- Five VCBs with CTR 150/5 (outgoing) iii- Seven VCB with CTR 100/5 (outgoing)
DETAILS TO BE INDICATED BY BIDDER :
1- Make of manufacturing unit of VCB Panel:
2- Make of VCB:
3- Model of VCB:
4- Status of Bidder (manufacturer or authorized dealer)
NOTE: VCB Panel means combination of VCBs (including incoming, outgoing & sectionalizer VCB) along with control & relay panel, CTs & PTs, etc
Item-3
Item Description: A Panel of 5 VCBs, 6.6KV, 630A, 150MVA, Outdoor Type - 3 sets
01 No. VCB with CTR 200/5 (incomer) 02 Nos. VCB with CTR 100/5 (outgoing) 01 No. VCB with CTR 100/5 (outgoing) 01 No. VCB with CTR 30/5 (outgoing)
DETAILS TO BE INDICATED BY BIDDER :
1- Make of manufacturing unit of VCB Panel:

2- Make of VCB:
3- Model of VCB:
4- Status of Bidder (manufacturer or authorized dealer)
NOTE: VCB Panel means combination of VCBs (including incoming, outgoing & sectionalizer VCB) along with control & relay panel, CTs & PTs, etc
Item-4
Item Description: A Panel of 12 VCBs, 6.6KV, 630A, 150MVA, Outdoor type - 1 set
2 nos. V.C.B. With CTR 350/5 (incomer) 5 nos. V.C.B. With CTR 100/5 (outgoing) 1 no. V.C.B. With CTR 25/5 (outgoing) 2 nos. V.C.B. With CTR 30/5 (outgoing) 1 no. V.C.B. With CTR 100/5 (outgoing) 1 no. sectionalizer C.B. With CTR 350/5
DETAILS TO BE INDICATED BY BIDDER :
1- Make of manufacturing unit of VCB Panel:
2- Make of VCB:
3- Model of VCB:
4- Status of Bidder (manufacturer or authorized dealer)
NOTE: VCB Panel means combination of VCBs (including incoming, outgoing & sectionalizer VCB) along with control & relay panel, CTs & PTs, etc
Item-5
Item Description: A panel of 11 VCBs, 6.6 KV, 630A, 150 MVA, Outdoor type
02 nos. incoming feeder control CB having CTR 100/5 04 nos. main pump feeder control CB having CTR 75/5 02 nos. capacitor bank control CB having CTR 30/5 02 no. spare feeder control CB having CTR 75/5 01 no. sectionalizer CB having CTR 50/5
DETAILS TO BE INDICATED BY BIDDER :
1- Make of manufacturing unit of VCB Panel:
2- Make of VCB:
3- Model of VCB:
4- Status of Bidder (manufacturer or authorized dealer)
NOTE: VCB Panel means combination of VCBs (including incoming, outgoing & sectionalizer VCB) along with control & relay panel, CTs & PTs, etc
Item-6
Item Description: A panel of 9 VCBs 3.3kV 630A, 75 MVA, Indoor type - 1 set
02 nos. incoming feeder control CB having CTR 550/5, 450/5 02 nos. quarry feeder control CB having CTR 200/5 01 no. feeder panel for workshop CB having CTR 125/5 02 nos. capacitor bank control CB having CTR 70/5 01 no. spare feeder control CB having CTR 200/5 01 no. sectionalizer CB having CTR 550/5
DETAILS TO BE INDICATED BY BIDDER :
1- Make of manufacturing unit of VCB Panel:
2- Make of VCB:

3- Model of VCB:
4- Status of Bidder (manufacturer or authorized dealer)
NOTE: VCB Panel means combination of VCBs (including incoming, outgoing & sectionalizer VCB) along with control & relay panel, CTs & PTs, etc
Item-7
Item Description: A panel of 5 VCBs 3.3kV 630A, 75 MVA, Indoor Type - 1set
01 no. incoming feeder control CB having CTR 450/5
02 nos. feeder panel for CHP CB having CTR 200/5
01 no. capacitor bank control CB having CTR 70/5
01 no. spare feeder control CB having CTR 200/5
DETAILS TO BE INDICATED BY BIDDER :
1- Make of manufacturing unit of VCB Panel:
2- Make of VCB:
3- Model of VCB:
4- Status of Bidder (manufacturer or authorized dealer)
NOTE: VCB Panel means combination of VCBs (including incoming, outgoing & sectionalizer VCB) along with control & relay panel, CTs & PTs, etc
Item-8
Item Description: A panel of 12 VCBs 3.3kV 630A, 75 MVA, Indoor Type - 1set
02 nos. incoming feeder control CB having CTR 200/5
01 no. main pump feeder control CB having CTR 100/5
04 nos. main pump feeder control CB having CTR 50/5
02 nos. capacitor bank control CB having CTR 75/5
02 nos. spare feeder control CB having CTR 100/5, 50/5
01 no. sectionalizer CB having CTR 200/5
DETAILS TO BE INDICATED BY BIDDER :
1- Make of manufacturing unit of VCB Panel:
2- Make of VCB:
3- Model of VCB:
4- Status of Bidder (manufacturer or authorized dealer)
NOTE: VCB Panel means combination of VCBs (including incoming, outgoing & sectionalizer VCB) along with control & relay panel, CTs & PTs, etc
Item-9
Item Description: A Panel of 13 VCBs, 3.3KV 1250A, 75 MVA Indoor Type - 1 set
i-Two VCBs with CTR 900/5 (Incomer)
ii- Five VCBs with CTR 250/5 (outgoing)
iii- One VCB with CTR 200/5 (outgoing)
iv- Two VCB with CTR 50/5 (outgoing)
v- Two VCBs with CTR 100/5 (outgoing)
vi -One VCB 900A as SECTIONALIZER
DETAILS TO BE INDICATED BY BIDDER :
1- Make of manufacturing unit of VCB Panel:
2- Make of VCB:

3- Model of VCB:
4- Status of Bidder (manufacturer or authorized dealer)
NOTE: VCB Panel means combination of VCBs (including incoming, outgoing & sectionalizer VCB) along with control & relay panel, CTs & PTs, etc
Item-10
Item Description: A panel of 6 VCBs 3.3kV 1250A, 75 MVA, Indoor Type - 1 set
2 Nos. V.C.B. having CTR 700/5 (Incomer) 1 No. sectionaliser V.C.B. having CTR 700/5 2 Nos. V.C.B. having CT ratio 300/5 A (outgoing) 1 No. V.C.B. having CT ratio 300/5 A (outgoing)
DETAILS TO BE INDICATED BY BIDDER :
1- Make of manufacturing unit of VCB Panel:
2- Make of VCB:
3- Model of VCB:
4- Status of Bidder (manufacturer or authorized dealer)
NOTE: VCB Panel means combination of VCBs (including incoming, outgoing & sectionalizer VCB) along with control & relay panel, CTs & PTs, etc
Item-11
Item Description: A panel of 6 VCBs 3.3kV 400A, 75 MVA, Indoor Type - 1set
Two VCBs 400A with CTR 75/5 (incomer) One VCB 400A as CTR 50/5 (outgoing)
DETAILS TO BE INDICATED BY BIDDER :
1- Make of manufacturing unit of VCB Panel:
2- Make of VCB:
3- Model of VCB:
4- Status of Bidder (manufacturer or authorized dealer)
NOTE: VCB Panel means combination of VCBs (including incoming, outgoing & sectionalizer VCB) along with control & relay panel, CTs & PTs, etc
Item-12
Item Description: A panel of 8 VCB 3.3KV 400A, 75 MVA, Indoor Type - 1 set
i. VCB CTR 100/5 – 1no. (incoming) ii. VCB CTR 200/5 - 3 nos. (outgoing) iii. VCB CTR 400/5 – 4nos (outgoing)
DETAILS TO BE INDICATED BY BIDDER :
1- Make of manufacturing unit of VCB Panel:
2- Make of VCB:
3- Model of VCB:
4- Status of Bidder (manufacturer or authorized dealer)
NOTE: VCB Panel means combination of VCBs (including incoming, outgoing & sectionalizer VCB) along with control & relay panel, CTs & PTs, etc
Item-13
Item Description: A panel of 3 VCB 3.3KV 400A, 75 MVA, Indoor Type - 1 set

i. VCB CTR 100/5 – 1no. (incoming)
ii. VCB CTR 175/5 - 2 nos. (outgoing)
DETAILS TO BE INDICATED BY BIDDER :
1- Make of manufacturing unit of VCB Panel:
2- Make of VCB:
3- Model of VCB:
4- Status of Bidder (manufacturer or authorized dealer)
NOTE: VCB Panel means combination of VCBs (including incoming, outgoing & sectionalizer VCB) along with control & relay panel, CTs & PTs, etc
Item-14
Item Description: A panel of 12 VCBs, 3.3kV, 400A, 75 MVA, Outdoor Type - 1 set
2 nos. VCB Incoming feeder control with CTR 200/5 5nos. VCB main pump feeder control with CTR 100/5 2 nos. VCB capacitor bank control with CTR 75/5 1no. VCB spare feeder control with CTR 100/5 1no. VCB with CTR 25/5 for control of 100kVA transformer 1no. Sectionalizer VCB with CTR 200/5
DETAILS TO BE INDICATED BY BIDDER :
1- Make of manufacturing unit of VCB Panel:
2- Make of VCB:
3- Model of VCB:
4- Status of Bidder (manufacturer or authorized dealer)
NOTE: VCB Panel means combination of VCBs (including incoming, outgoing & sectionalizer VCB) along with control & relay panel, CTs & PTs, etc
COMMON PARAMETERS
2.0-PROVENNESS CRITERIA :
2.1. The equipment offered by the tenderer shall be considered proven provided ONE number of the type (VCB), Tendered/ Higher Capacity (both Ampere Rating & voltage rating) of offered equipment, must have been supplied by the bidder (or Manufacturer in case bidder is not the manufacturer) in India to mining industry and/or to the other Industries (Private or Government/ Public Sector Undertaking) and performed satisfactorily for a minimum period of one years from the date of commissioning. The performance of only those equipment would be considered for assessing provenness which have been commissioned 1 years prior to the date of opening of tender but not prior to 5 years from the date of opening of tender. <i>Note: In case of Trial Orders placed by CIL and Subsidiaries, the Trial Order quantities will be considered for provenness.</i>

2.2. In case the type (VCB), Tendered/ Higher Capacity (both Ampere Rating & voltage rating) of offered equipment has not been supplied by the bidder (or Manufacturer in case bidder is not the manufacturer) in India or if supplied and commissioned in India but the same has not completed ONE year of performance for provenness as mentioned above, the offered equipment will be considered proven if the minimum worldwide population is ONE number of the type (VCB), Tendered/ Higher Capacity (both Ampere Rating & voltage rating) of offered equipment which was commissioned ONE year prior to the date of opening of tender but not prior to 5 years from the date of opening of tender and performed satisfactorily for a minimum period of one year from the date of commissioning. The worldwide population of the bidder will be considered for provenness only when the bidder gives an undertaking that it has not supplied the type (VCB), Tendered/ Higher Capacity (both Ampere Rating & voltage rating) of offered equipment in India or if supplied and commissioned in India, the same has not completed required years of performance for provenness as mentioned above at sub clause-2.1.

2.3. In case the indigenous manufacturer is quoting the type (VCB), Tendered/ Higher Capacity (both Ampere Rating & voltage rating) of offered equipment as supplied by their foreign collaborator / foreign principal worldwide in the past and the offered equipment of indigenous manufacturer has either not been supplied in India or if supplied and commissioned in India, but the same has not completed the ONE years of performance for provenness as mentioned above, the offered equipment will be considered proven if the minimum worldwide population is ONE number the type (VCB), Tendered/ Higher Capacity (both Ampere Rating & voltage rating) of offered equipment which have been commissioned ONE years prior to the date of opening of tender but not prior to 5 years from the date of opening of tender and performed satisfactorily for a minimum period of ONE year from the date of commissioning.

However, for worldwide population, foreign collaborator's experience of supplying the type (VCB), Tendered/ Higher Capacity (both Ampere Rating & voltage rating) of offered equipment worldwide shall be considered only if the indigenous manufacturer submits digitally signed copy (for documents submitted on e-procurement portal)/ self-certified copy (for documents submitted in modes other than e-procurement portal) of their collaboration agreement with the foreign collaborator which should be valid as on the date of opening of the tender and should also remain valid at least upto supply and commissioning of the last equipment covered in the contract. However, the principal manufacturer will confirm to ensure supply of spares & consumables and service support for smooth running of the equipment throughout its life. Further, if any indigenous content is added by the indigenous manufacturer in the offered equipment, the foreign collaborator will give an undertaking for successful performance of the equipment with the indigenization carried out by the indigenous manufacturer during lifetime of the equipment.

2.4. In case the indigenous manufacturer is quoting the offered equipment as supplied by their licensor having valid IPR for the type (VCB), Tendered/ Higher Capacity (both Ampere Rating & voltage rating) of offered equipment being offered worldwide in the past and the type (VCB), Tendered/ Higher Capacity (both Ampere Rating & voltage rating) of offered equipment of indigenous manufacturer has either not been supplied in India or if supplied and commissioned in India, but the same has not completed the required years of performance for provenness as mentioned above, the offered equipment will be considered proven if the minimum worldwide population is of ONE no. of the type (VCB), Tendered/ Higher Capacity (both Ampere Rating & voltage rating) of offered equipment which have been commissioned ONE year prior to the date of opening of tender but not prior to 5 years from the date of opening of tender and performed satisfactorily for a minimum period of ONE year from the date of commissioning.

However, for worldwide population, the bidder's and licensor's experience of supplying the type (VCB), Tendered/ Higher Capacity (both Ampere Rating & voltage rating) of offered equipment worldwide shall be considered only if the indigenous manufacturer submits digitally signed copy (for documents submitted on e-procurement portal)/ self-certified copy (for documents submitted in modes other than e-procurement portal) of their License Agreement with the company having valid IPR for the equipment being offered, which should be valid as on the date of opening of the tender and should also remain valid at least upto supply and commissioning of the last equipment covered in the contract. The bidder and licensor for the equipment being offered will also confirm to ensure supply of spares & consumables and service support for smooth running of the equipment throughout its life. Further, if any indigenous content is added by the indigenous manufacturer in the offered equipment, the foreign collaborator will give an undertaking for successful performance of the equipment with the indigenization carried out by the indigenous manufacturer during lifetime of the equipment.

2.5. Indian Manufacturing entity of foreign manufacturer and bidding as Indigenous manufacturer:

In case the Indian manufacturing entity of foreign manufacturer who has sufficient facility for manufacturing, supply and after sales service of the type (VCB), Tendered/ Higher Capacity (both Ampere Rating & voltage rating) of offered equipment as supplied by their foreign (principal) manufacturer worldwide in the past and the type (VCB), Tendered/ Higher Capacity (both Ampere Rating & voltage rating) of offered equipment of Indian manufacturing entity has either not been supplied in India or if supplied and commissioned in India, the same has not completed ONE year of performance for provenness as mentioned above, the offered equipment will be considered proven if the ONE no. of the type (VCB), Tendered/ Higher Capacity (both Ampere Rating & voltage rating) of offered equipment which have been commissioned ONE year prior to the date of opening of tender but not prior to 5 years from the date of opening of tender and all of them have performed satisfactorily for a minimum period of ONE years from the date of commissioning.

However, for worldwide equipment population, the bidder's and principal manufacturer's experience of supplying the the type (VCB), Tendered/ Higher Capacity (both Ampere Rating & voltage rating) of offered equipment worldwide shall be considered only if the Indian manufacturing entity submits digitally signed copy (for documents submitted on e-procurement portal)/ self-certified copy (for documents submitted in modes other than e-procurement portal) of valid Legal Agreement/ Collaboration Agreement/ License Agreement/ MOU with foreign (principal) manufacturer for the equipment being offered and a declaration from the Foreign Manufacturer that all related required Intellectual Property of quoted equipment are accessible by the Indian manufacturing entity. Further, the foreign manufacturer will give an undertaking for successful performance of the equipment to be manufactured by the Indian manufacturing entity during lifetime of the equipment. The bidder and foreign principal manufacturer for the equipment being offered will also confirm to ensure supply of spares & consumables and service support for smooth running of the equipment throughout its life.

2.6. "Satisfactory Performance" means the supplied equipment must have achieved the guaranteed annual availability, if any, as per the performance guarantee clause of the supply orders/ contracts for a minimum period of one year from the date of commissioning. In case supply orders/ contracts do not have provision for guaranteed annual availability, the bidder will submit satisfactory performance report issued by end users as per benchmark regarding performance of equipment, if any, incorporated in the supply orders/ contracts against which these equipment were supplied. In case, the Performance Report(s) of the End-User(s) is not available, the bidder shall submit self-certification claiming satisfactory performance of the equipment supplied.

2.7. Start ups and MSEs are exempted from prior experience criteria and should submit proof of establishing the quality assurance & technical capability for tendered item issued by any statutory authority in line with Relaxation of Norms for Startups & MSEs in Public Procurement regarding prior experience - prior turnover criteria as per Annexure 2.
3.0-SERVICE CONDITIONS :
3.1-Place of use :Coal Mines
3.2-Ambient temperature: 50 deg.C.
3.3-Altitude: 300M above MSL
3.4-Environment: Dusty (mostly coal dust)
3.5-Relative humidity: 98%
4.0-TECHNICAL PARAMETER :
4.1-Type of Breaker: Vacuum Break
4.2-No. of poles: Three
4.3-Voltage system: 3.3 kv / 6.6kV / 11kV (as per item description)
4.4-System Frequency: 50 Hz
4.5-Type of enclosure : NFLP
4.6-Utilization category of Vacuum Circuit Breaker: AC-3 OF Relevant IS:13118-1991/ IS/ IEC/62271, with latest amendment / version, if any
4.7-Degree of protection: Relevant IS:3427-1997, with latest amendment / version, if any
4.8-For General requirement : Relevant IS:13118-1991/ IS/ IEC/62271, with latest amendment / version, if any
4.9-Circuit Breaker : Relevant IS:13118-1991/ IS/ IEC/62271, with latest amendment / version, if any
4.10-Isolator : Relevant IS:13118-1991/ IS/ IEC/62271, with latest amendment / version, if any
4.11- Potential transformer: IS:3156(Part 1,2&3)-1992 / Relevant Indian Standard, with latest amendmend / version, if any
4.12- Current transformer: IS:2705(Part-1,2 &3)-1992, / Relevant Indian Standard, with latest amendmend / version, if any
4.13-Other components : Relevant IS.
4.14- Operating mechanism (for 3.3kV & 6.6kV VCB): Manually operated Triple Pole Trip Free Mechanism with ON-OFF Indicator Operating mechanism (for 11kV VCB) - The closing mechanism shall be motorized spring charged type with anti pumping feature & Trip free mechanism. Provision for manual charging of the springs shall also be provided.
4.14-Tripping: D.C. Shunt Trip Mechanism (Source of D.C. Supply will be from self contained P.T. Suitably rectified)
4.15- Rated Short Circuit Breaking current for: To be taken as per MVA rating in item description

4.16. Offered item shall be manufactured as per relevant provisions (latest amendment/revision) of Indian electricity Acts, Indian electricity Rules, CEA Regulations, DGMS norms and any other statutory norms. Any other components, accessories, safety feature etc, not specifically mentioned in specifications, but essential for safe & trouble free performance is deemed to be included in the specifications.
5.0-CONSTRUCTION :
5.1-Mounting : Self supported floor mounted
5.2-Provision shall be there for coupling of bus bar so that more VCBs may be added if required
5.3-ISOLATION: HORIZONTAL DRAW OUT
5.4.- ISOLATOR: Triple pole off-load, Isolator should have two positions namely ON & OFF. The positions should be clearly marked in a permanent manner on the body of the enclosure. It should be of robust in construction to withstand short circuit current. The Isolator should be mechanically interlocked with front cover preventing removal of cover except when the isolator is in 'OFF' position. It should also have interlock, preventing operation of the isolator with the cover removed. The Isolator and the circuit breaker should be so interlocked that the isolator cannot be put OFF without tripping the circuit breaker first. Isolator rating: Shall not be less than continuous current rating of offered breaker.
5.5. Provision of Lock out tag out shall be provided in-line with Cl. 2.1. of DGMS circular DGMS (Tech)/ Circular (MAMID)/08 dated 29.04.2020: Provision shall be provided for "shutdown procedure with lock out and tag out system with a provision of mutile lock, displaying the person's name, designation and photo"
6.0-INSTRUMENTS (To be provided on each VCB other than sectionaliser or bus coupler)
6.1-Ampere meter of suitable Rating
6.2-Voltmeter of suitable rating
7.0-PROTECTIONS:
7.1-OVER LOAD RELAY : CT Operated electronic / digital / numerical / microprocessor type relay with time lag in combination with thermal O/L relay arrangement
7.2-RATING: 5A,50Hz
7.3-Over current instantenious relay
7.4-Earth Leakage Protection: CBCT operating E/L Relay having setting range 100mA to 5A (in steps)
7.5- The under-voltage relay shall be operable at 110 V AC from secondary of PT when supply voltage falls below 70%(or larger range) of the rated voltage.
7.6. VA Rating of P.T. : The control circuit & closing & tripping of Circuit Breaker as well as spring motor charging should be operated through PT. PT should be of adequate VA Rating.

7.7. Digital meters & electronic / digital / numerical / microprocessor type relay should be provided for protection, metering and indicating purpose.

7.78 All interlocks should be provided as per CEAR.

8.0-PRE-DESPATCH INSPECTION AND TESTS :

8.1-The panel will be inspected by WCL's representative/third party inspection agency at manufacturer's works before dispatch to ascertain the conformity of the VCB to supply order specifications, relevant ISS, Indian Electricity Rules & test certificates

8.2-The manufacturer shall make available to the inspector the required test facilities with necessary support for conducting the tests as per relevant ISS and supply order specifications.

8.3-The manufacturer shall make available to the inspector the following documents during the inspection.:

(a) Copies of valid type test certificates for offered make and tendered or higher rating (current & voltage both) of VCB as per relevant part of CEA guidelines 2023 (with latest revision / amendment, if any).

(b) Copies of relevant IS specifications. Also any other relevant test reports / documents as per requirement of inspecting authority shall be provided.

(b) Test certificates for all routine tests as per relevant IS conducted on circuit breaker offered for inspection.

(c) Test certificates in respect of relays

(f) General arrangement drawing of the offered VCB showing overall dimensions.

(g) Schematic circuit diagram.

9.0-DOCUMENTS TO BE SUBMITTED WITH OFFER :

9.1. Supply order, for the type (VCB) and Tendered/ Higher Capacity (both Ampere Rating & voltage rating) of offered equipment, supplied during last 5 years from date of tender opening, from Mining Industry and/or from the other Industries (Private or Govt./Public Sector Undertakings- indigenous or global) against provenness criteria.

9.2. Satisfactory performance certificate against the submitted supply orders i.e. the supplied equipment must have achieved the guaranteed annual availability, if any, as per the performance guarantee clause of the supply orders/ contracts for a minimum period of one year from the date of commissioning. In case supply orders/ contracts do not have provision for guaranteed annual availability, the bidder will submit satisfactory performance report issued by end users as per benchmark regarding performance of equipment, if any, incorporated in the supply orders/ contracts against which these equipment were supplied.

In case, the Performance Report(s) of the End-User(s) is not available, the bidder shall submit self-certification claiming satisfactory performance of the equipment commissioned for not less than one year from the date of commissioning, along with proof of payment against the submitted supply order. The details of format for self-certification are given in Annexure-3.

9.3- Start ups and MSEs are exempted from prior experience criteria and should submit proof of establishing the quality assurance & technical capability for tendered item issued by any statutory authority in line with Relaxation of Norms for Startups & MSEs in Public Procurement regarding prior experience - prior turnover criteria as per Annexure 2.

9.4- Valid type test report of offered make and tendered or higher rating (current & voltage both) of VCB, issued by CPRI / ERDA / NABL accredited labs / laboratories approved by Govt., for (a) basic short circuit test duties OR (b) short time withstand current & peak withstand current test.

The type test certificate shall be issued in the name of offered manufacturing firm / offered make of circuit breaker. It shall be valid on the date of bid opening as per relevant part of CEA guidelines 2023 (with latest revision / amendment, if any). The type test report issued prior to five years from the date of opening of bid shall not be considered as valid type test report.

10.0-DOCUMENTS TO BE SUBMITTED WITH THE SUPPLIES :

10.1- Type test certificate from Govt./Govt. approved test house for the relays used in the VCB.

10.2-Two copies of installation, maintenance and spare parts manuals for the VCB panel supplied.

10.3-Pre-despatch inspection report of inspecting authority.

10.4- Routine test report of the test conducted on each VCB.

10.5-Circuit diagram of offered VCB.

10.6-General arrangement drawing of the offered VCB showing dimensions.

11.0 - Delivery Schedule: Within 03 (Three) from the date of the supply order Delivery period shall be reckoned from 7th (seventh) day of order date.

12.0 - Guarantee / Warranty:

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.

2. This warranty shall remain valid for twelve (12) months from the date of Commissioning of the equipment.

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 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.

4. If the Supplier, having been notified, fails to remedy the defect(s) within

thirtydays, 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.

13.0 - Installation & Commissioning: Material shall be installed and commissioned by WCL. You have to provide technical supervision only for carrying out installation and commissioning job.

ANNEXURE -1

PROFORMA FOR EQUIPMENT AND QUALITY CONTROL

Reference: Western Coalfields Ltd Hqrs ___ TenderNo. _____ Date _____
for supply of _____

1. Name and Address of the Firm
2. (a) Telephone No. office/factory/works
(b) Fax No. / E-mail ID
3. Location of manufacturing works/factories owned by the firm (documentary evidence of ownership must be produced).
4. Brief description of the factory (i.e. area covered accommodation, Department into which it is divided, laboratory etc.)
5. Details of plant and machinery erected and functioning in each department (monographs and description pamphlets) be supplied if available.
6. Whether the process of manufacture in the factory is carried out with the aid of power or without it.
7. Process Flow Chart for the whole manufacturing process of the tendered item
8. Details and stocks of raw materials held.
9. Production capacity of items quoted for with the existing plants and machinery
 - (a) Normal
 - (b) Maximum
10. Details of Quality Assurance Plan and Quality Control Infrastructure such as laboratories etc.
11. (a) Details of technical supervisory staff in-charge of production and quality control.
 - (b) Skilled labour employed.
 - (c) Unskilled labour employed
 - (d) Maximum number of workers (skilled and unskilled) employed on any day during 18 months preceding the date of application.
12. Whether stores were tested to any standard specification, if so, copies of original test certificate should be submitted in duplicate.

(Signature of Tenderer)

NB: Details against sl nos. 5 to 12 inclusive need be restricted to the extent they pertain to the items under reference.

ANNEXURE - 2

RELAXATION OF NORMS FOR STARTUPS & MSEs in Public procurement regarding prior experience criteria as per Cl 2.8.3.7 of Purchase Manual:

Further, vide Policy Circular No. 1(2)(1)/2016-MA dated 10.03.2016 of MoMSME, it has been clarified that all Central Ministries/ Departments/ Central Public Sector Undertakings may relax the condition of prior turnover and prior experience with respect to Micro and Small Enterprises in all public procurements subject to meeting of quality and technical specifications, i.e. these MSEs must have the technical capability to deliver the goods and services as per prescribed technical and quality specifications. Further, as per Department of Expenditure, Ministry of Finance OM No. F.20/2/2014/PPD-(Pt) dated 25.07.2016 circulated vide note F. No. 24/2/2013/Fin-I dated 02.08.2016, relaxation of the condition of prior turnover and prior experience in public procurement has been extended to all Startups (whether MSE or not) subject to meeting of quality and technical specifications in accordance with the relevant provisions [Rule 173(i)(b) of GFR, 2017]. It has subsequently been clarified by the Department of Expenditure, MoF vide OM No. F.20/2/2014/PPD-(Pt) dated 20.09.2016 that there may be circumstances (like procurement of items related to public safety, health, critical security operations and equipment, etc.) where procuring entities may prefer the vendors to have prior experience rather than giving orders to new entities. For such procurements, wherever adequate justification exists, the procuring entities may not relax the criteria of prior experience/ turnover for Startups. In view of the above instructions, wherever, it is decided not to relax prior experience/ turnover criteria, adequate justification has to be given.

Tender Inviting Authority (TIA) in CIL and its Subsidiaries shall make a provision in the tender documents that prior experience and prior turnover criteria are not applicable for Startups and MSEs in the tender.

However, if bidders have submitted documents to prove the Startup/MSE status for the tendered item without certificate towards quality, assurance and capability from some authority like MSME, NSIC, etc., the TIA, if needed, may assess the techno-commercial capability of the vendors to manufacture and deliver goods as per the prescribed quality and technical specification before awarding contract to them. For this purpose, a 'Proforma for Equipment and Quality Control' (as per Annexure-1) has to be enclosed in the tender documents and such MSEs/ Startups should be asked to submit the details of plant & machinery, quality control arrangements, etc., in the above proforma along with their bids for verification of their technical capability. After opening of bids, the verification of technical capability may be done by the concerned Technical Department immediately without any undue delay so that it is available for consideration at the time of evaluation/ processing of offers.

It should be ensured that the designated technical authority from whom the technical capability report is being called, is furnished with copy of the enquiry, the details of equipment, quality control, manpower availability, compliance/deviation statements and any other relevant particulars related to manufacturing/supply of the item as furnished by the firm(s) along with their tender.

If required, a techno-commercial team of the organization may visit the manufacturing unit of the vendor without any undue delay for quick finalization of tenders.

In case there is deficiency in technical capability of the firm, the same is to be communicated to them by TIA for improvement in the quality of their product for future tenders and clearly indicate that their offer cannot be considered for relaxation against the tender in question in order to avoid any future complications. The issues relating to Technical capability may be decided by the Head of the Technical Department.

If favorable technical capability reports obtained earlier on such firms for supply of the item in question as per the required specification is available, these may be considered for granting relaxation to the criteria of prior experience and prior turnover provided date of such reports are not more than one year from the date of opening of bids.

If bidders have submitted documents to prove the Startup/MSE status for the tendered item and their products are ISI marked/DGMS approved/Proven in CIL or its Subsidiary companies/Proven product of the ancillary unit of a Subsidiary Company of CIL, they will be required to submit the following applicable related documents, self-certified copy for relaxation from the criteria of prior experience and prior turnover:

- a valid BIS Marking License for the quoted items
- or
- Rate contract issued by CIL/its Subsidiary Companies for the quoted items
- or
- a valid DGMS Approval certificate for the quoted items
- or
- Proven Ancillary certificate issued by the Subsidiary Companies for the quoted items.

The document(s)/certificate(s) furnished by the bidders for ISI markings or DGMS approval for any relaxation should be valid on the date of tender opening and a copy of such document(s) / certificate (s) valid on the date of supply, self-certified, must accompany their bill(s).

If the documents are related to the OEM or principal, the self-certification of OEM or principal shall also be required.

ANNEXURE - 3

FORMAT FOR SELF-CERTIFICATION OF PERFORMANCE

(On the Letter Head of Bidder)

Format for self-certification of Performance

(On the Letter Head of Bidder)

Tender No.

We certify that the items covered in the Purchase order(s)/ Rate contract(s) copies enclosed with our offer have been fully executed and have performed satisfactorily for a period of not less than twelve (12) months from the date of commissioning and all the complaint(s)/Claims lodged by the purchaser, if any, have been attended to and no complaints/claim(s) are pending.

SI no	NIT Item Description	Offered product	Supply order issuing authority	Supply Order No.	Date of Supply Order (in DD/MM/YYYY format)	Rate of Contract No with Date, if any	Qty	Date of Supply (in DD/MM/YYYY format)	Date of Commissioning (in DD/MM/YYYY format)

[Note: In case, any specific Purchase Order(s) has/ have not been fully executed and any complaint/ claim is pending, then details of such cases are to be categorically mentioned with the reasons thereof so that decision making is in clear perspective without any hidden facts in the subject matter.

The authenticity of the self-certificate as well as other documents submitted/uploaded by the bidder will solely be their responsibility and If the above mentioned declaration / information / documents submitted by the bidder are subsequently found false or forged / tampered in any way, the total responsibility shall lie with bidder and WCL reserve the full right to take suitable penal action as deemed fit including banning of business , apart from forfeiture of EMD , security deposit etc.]

However, WCL reserves the right to obtain the performance directly from the end user of the item/product.]

Name & Signature of bidder :
Designation :
(Seal of the Bidder) :

Commercial Terms and conditions :

Bidders should read the following terms and conditions and accept while participating in tender/bid for respective items (those are applicable to them):

1. Eligibility Criteria for Bidders:

(Documents related to Eligibility Criteria should be submitted by the bidders, along with offer)

a) Only the Class I Local Suppliers i.e. a supplier or service provider, whose goods, services or works offered for procurement has local content equal to or more than 50% are only eligible to Quote.

The Local suppliers (Class I) shall have to submit the certificate regarding the quantum (Percentage) of the local content and shall also give details of the location(s) at which the local value addition is made as per the Annexure "A" of NIT.

Local content means the amount of value added in India, which is the total value of the item procured (excluding net domestic indirect taxes) minus the value of imported content in the item (including all custom duties) as a proportion of the total value, in percent.

For definitions of 'Local Supplier', 'Local Content and 'Margin of Purchase Preference' refer following clauses:

The definitions of 'Local Supplier', 'Local Content and 'Margin of Purchase Preference' are as follows:

(i) 'Class - I Local Supplier' means a supplier or service provider whose Goods, Services or Works offered for procurement, has Local content equal to or more than 50% as defined under this Order.

(ii) "Local Content" means the amount of value added in India which shall, unless otherwise prescribed by the Nodal Ministry, 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.

(iii) "Margin of Purchase Preference" means the maximum extent to which the price quoted by a local supplier may be above the L I for the purpose of purchase preference. The margin of purchase preference is 20%.

Verification of local content:(i) The 'Class - I Local Supplier' at the time of tender, bidding or solicitation shall be required to indicate percentage of local content and provide self-certification that the item offered meets the minimum local content requirement for 'Class - I Local Supplier' as the case may be. They shall also give details of the location(s) at which the local value addition is made.

(ii) In cases of procurement for a value in excess of Rs. 10 crores, the 'Class - I 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.

(iii) CIL/ Subsidiary Companies may constitute committees with internal and external experts for independent verification of auditor's/ complaints.

(iv) False declarations will attract banning of business of the bidder or its successor(s) as per provisions of CIL Purchase Manual 2020 along with such other actions as may be permissible under law.

(v) A local 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.

Note: Indigenous / Indian Manufacturer, if referred anywhere in the NIT, means a local supplier

b) Indian Agent of Local Supplier: (Broadly includes Distributor, Dealer, Channel Partner etc.) Procurement should generally be made from manufacturers only.

However, if the manufacturer does not quote directly to any organisation in India as a matter of its corporate policy (except in situations like supplies to OEM /OES/ OPM, supplies of spares and consumables bundled with supply of equipment, supplies to customers not covered by dealer network due to geographical/ logistics constraints), the procurement shall be made from its authorised Indian Agent based on the tender specific authorisation issued by the manufacturer mentioning tender reference number and date and validity of such authorisation.

The list of documents to be submitted by the bidder:

i) Local Suppliers (Class-I Local Supplier): In case the bidder is a Local supplier (Class-I Local Supplier), they have to submit scanned self-attested copy of the valid registration with NSIC / SSI/ DIC / Udyog Aadhaar / Registrar of Companies / any other document issued by statutory bodies etc, to establish themselves that they are the manufacturer of the offered items along with certificate regarding the quantum (Percentage) of the local content and details of the location(s) at which the local value addition is made as per the Annexure "A".

ii) In case of Indian Agent of Local Supplier (Class-I Local Supplier):

1. Self-attested copies of the Manufacturing credentials of the Local Supplier viz valid registration with NSIC / SSI/ DIC / Udyam / Registrar of Companies / any other document issued by statutory bodies etc to establish that their Principal is the manufacturer of the offered items along with certificate (to be issued by Local supplier) regarding the quantum (Percentage) of the local content and details of the location(s) at which the local value addition is made as per the [Annexure "A" of NIT](#).

2. A tender specific authorization issued by the manufacturer mentioning tender reference number and date and validity of such authorization (Format as per [Annexure "B & C" NIT](#)). Authorization should be pre-dated (from the tender opening) and should be properly signed and its validity should correspond to the delivery period stipulated in the Tender Enquiry.

3. Undertaking from the manufacturer that, as a matter of its corporate policy, it does not quote directly to any organization in India (except in situations like supplies to OEM / OES/OPM, supplies of spares and consumables bundled with supply of equipment, supplies to customers not covered by dealer network due to geographical / logistics constraints). If, subsequently, at any stage, it is found that it has quoted directly to any organization in India excepting the situations mentioned above, it shall be liable for penal action as per provisions of the NIT and the CIL Purchase Manual 2020, if the justification provided by the bidder has not been considered adequate and satisfactory by the procuring entity. Further, if at any stage, it is found that agency commission has been paid by the manufacturer/ principal without declaring the agent, the commission will be recovered with interest.

4. Undertaking from the manufacturer that it will accept the responsibility for the satisfactory execution of orders placed on the authorized agents including warranty/ guarantee obligations.

5. Undertaking from the manufacturer that, wherever necessary, it will provide requisite inspection and testing facilities at its works in respect of orders placed on authorized agent.

6. Undertaking from the manufacturer that the authorized agent's price will not exceed that which the manufacturer would have quoted.

7. Undertaking from the manufacturer that in the event of placement of order on their authorized dealer, the goods supplied / goods offered for inspection would be accompanied by a certificate stating that the goods have been manufactured by them.

8. Undertaking from the manufacturer that No agent / Middleman / Liaisoning agent or any entity in any name other than the disclosed authorized Indian Agent is involved in the process of procurement of goods and services.

(if subsequently at any stage, it is found that it has given a false certificate, it shall be liable for penal action as per the provisions of CIL Purchase Manual 2020).

9. Undertaking from the bidder (authorized dealer) that he will be responsible for all the contractual obligations including quality aspects, replacement of part/items and warranty/ guarantee obligations, and also will be responsible for providing the required after sale service.

10. The business entity of the Indian Agent should be in existence for 3 years on the date of tender opening, irrespective of date of appointment as Indian Agent. The relevant self-attested document in this regard is to be submitted along with the offer.

Note:

1. If both the (Class – I Local Supplier and Class – II Local Supplier) and the Indian Agent participates in this tender, then the offer of the Indian Agent will be rejected.

2. One manufacturer can authorize only one Indian agent.

3. If Indian Agents submits bid on behalf of a manufacturer, the same agent shall not submit a bid on behalf of another manufacturer in the same tender for the same item / product.

2. BANNED OR DELISTED OR DEBARRED OR PUT ON HOLIDAY SUPPLIERS

The manufacturer as well as the bidder (if bidder is not the manufacturer) will give a declaration (As per Annexure D) 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.

However, If the manufacturer/bidder is banned or delisted or debarred or 'Put on Holiday' by DoE/MoC/WCL / CIL, the offer shall be not be considered for further evaluation.

3. Pre-contract Integrity Pact: (Applicable for tenders with value more than 2 Crores)

The bidders will have to upload along with their offer, digitally Pre-Contract Integrity Pact as per prescribed format(in bid), failing which their offer may not be considered.

In case of any grievance, bidders may approach Independent External Monitor(s) (IEMs). Names, Full Address, Phone no and email Id of both the Independent External Monitors are as under:

Details of IEM

Names, Full Address, Phone no and email Id of both the Independent External Monitors are as under:

Sl no	Name of IEM	Address	e-mail ID	Mobile No
1	Shri Sudhir Kumar, IAS (Retd)	Flat no 8022, ATS – One Hamlet, Sector- 104, PO Maharshi Nagar, Noida - 201304	sukuag@hotmail.com	9560430245
2	Shri. Anil Kaushal, ITS(Retd)	A-1/245, GF, Janakpuri, New Delhi - 110058	kaushal.anil17@gmail.com	8800028118

4. Clarification of Bids/ Shortfall/ Confirmatory Documents:

After evaluation of the uploaded documents, shortfall documents, if required, shall be sought from the bidder. For this purpose, **maximum 1 chance** shall be given. The time period for the clarification will be 7x24 hrs given to the bidders to upload these clarifications / shortfall documents.

The bidder will upload the requested documents within the specified period and no additional time will be allowed in this regard for on-line submission of documents after the maximum 1 chance, of 7x24 hours duration. If the bidder does not comply or respond by the specified date & time, his tender will be liable to be rejected.

The shortfall information/documents shall be sought only in case of historical documents as per GeM provision/rules.

5. Payment terms: 100% Payment shall be released within 21 days after receipt and acceptance of the equipment/goods at the consignee's end or submission of bills by the supplier along with all requisite documents as per provisions of Purchase order/ contract, whichever is later.

Note: All MSME vendors/supplies are advised to get themselves registered on TReDS platform (www.treds.in) or on www.rxil.in and avail the facility of the TReDS.

6. PAYING AUTHORITY: General Manager (Fin), Western Coalfields limited, Hqrs, Coal Estate, Civil Lines, Nagpur-440001

7. Submission of Bills: The supplier will submit the following documents along with bills to the paying authority:

- Four copies of the Supplier's invoice, Pre-Receipted and Stamped showing Contract Number, Goods description, quantity, unit price, total amount and GST No. of Ultimate Consignee.
- Receipted Challan/ Consignment Note of all the consignments.
- Manufacturer's Test / Inspection Certificate (if applicable)
- Manufacturer's Warranty / Guarantee Certificate.
- Lowest Price Certificate
- Any other document(s) required as per contract / Technical specifications of the bid / contract.

8. Performance Bank Guarantee: - The successful tenderer has to furnish a performance bank guarantee valid for 21 months from the date receipt and acceptance of last

consignment equivalent to 10% value of the contract including taxes and duties etc. to the FOR Destination price of the material on order, covering the warranty period.

The bank guarantee shall be released after successful completion of the guarantee period and after confirmation from GM(E&M) /HOD. The PBG must be submitted along with the supply. No payment shall be made without the submission of PBG. (Format of PBG is enclosed as **Annexure-“E”** which is to be submitted physically and through SFMS platform)

(This is in addition to the Security Deposit to be submitted @10% of order value)

E-PBG for 10%, as indicated in bid document is towards security deposit and to be deposited as per GeM provision. Security Deposit (E-PBG-10%) will be released after successful completion of supplies and acceptance of the material as per contractual terms and submission of performance bank guarantee.

9..Bidder to submit the following commercial documents along with their offer / bid documents in addition to documents sought in technical specification:

1. Local content certificate (as per **Annexure “A”**).
2. Documents in support of Eligibility (documents as applicable for Manufacturer / Indian Agent including **Annexure “B” and Annexure “C”**, as the case may be).
3. Undertaking of Price Fall Clause as per **Annexure “F”**
4. Non-Banning Certificate/Declaration as per **Annexure “D”**
5. Lowest price Certificate as per **Annexure “G”**

SELF CERTIFICATE TOWARDS LOCAL CONTENT

(To be submitted by the Local supplier **choose any one below condition, as applicable**)

(1) This is to certify that we fall in the category of Class I Local Supplier and the Goods offered by us against this tender has the local content equal to or more than 50%. The details of Location(s) at which the Local value addition is made are as under:

Value addition is done at the following location:

Address of Location / Factory _____

Authorized Signatory of

Local Supplier

Date:

Seal of the firm

(Note: 1. To choose any one above condition, as applicable)

NOTE: - In cases of procurement for a value in excess of Rs. 10 crores, 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.

FORMAT FOR AUTHORIZATION TO BE SUBMITTED BY THE INDIAN AGENTS : (to be typed on the Principals letter head and should be pre dated(prior to tender opening date and properly signed)

To

General Manager (MM)

Western Coalfields Ltd

Dear Sir.

We, M/s. (..... name of the Principal firm.....) represented by the undersigned, Mr/Ms..... Director/ Partner /Legal Attorney / Proprietor /Employee / Accredited Representative hereby authorize M/s. _____ (Name of the Bidder firm) to participate in the tender and submit the offer and enter into contract / Supply order, on our behalf against this tender. This authorization is valid till the successful execution and completion of contract period against this tender. We further confirm that:

1. As a matter of our corporate policy, we do not quote directly to any organization in India (except in situations like supplies to OEM / OES / OPM, supplies of spares and consumables bundled with supply of equipment, supplies to customers not covered by dealer network due to geographical/ logistics constraints). If, subsequently, at any stage, it is found that we have quoted directly to any organization in India (except in situations like supplies to OEM / OES / OPM, supplies of spares and consumables bundled with supply of equipment, supplies to customers not covered by dealer network due to geographical/ logistics constraints), we shall be liable for penal action as per provisions of the NIT and the CIL Purchase Manual 2020. Further, if at any stage, it is found that agency commission has been paid by us without declaring the agent, the commission may be recovered with interest.

2. We will accept the responsibility for the satisfactory execution of orders placed on the authorized agent including warranty/ guarantee obligations.

3. Wherever necessary, we will provide requisite inspection and testing facilities at our works in respect of orders placed on authorized agent.

4. The price quoted by our authorized agent will not exceed the price which we would have quoted.

a) In the event of placement of order on our authorized dealer , the goods supplied / goods offered for inspection would be accompanied by a certificate stating that the goods have been manufactured by us.

b) We further confirm that No agent / Middle man / Liasoning agent or any entity in any name other than our authorized Indian Agent is involved in the process of procurement of goods and services against this tender. If subsequently at any stage, it is found that false certificate is given, we shall be liable for penal action.

c) We have never been banned or de-listed or debarred or 'Put on Holiday' by any Government or quasi-Government agencies or PSUs.
OR

d) We were banned/de-listed/debarred/'Put on Holiday' by the organization named "-----" for a period of ----- year/s, effective from ----- to -----for ----- (the reasons to be mentioned).

e)

Signature of Authorized signatory of Principal

Date &Seal of the firm

ANNEXURE – "C"

UNDERTAKING TO BE SUBMITTED BY THE INDIAN AGENTS

(To be typed on the Indian agent letter head)

To

General Manager (MM)

Western Coalfields Ltd

Dear Sir.

Against the Tender no: _____, we have quoted as the authorized dealer / indian agent of M/s. _____ who is the manufacturer of the offered products. We confirm that we will be responsible for all the contractual obligations including the quality aspects, replacement of parts / items, warranty / guarantee obligations and also provide the after sales and services.

We have submitted the following documents.

- 1.**Tender specific authorization from the Principal including the specific confirmations as required as per the terms of the NIT.
- 2.**Self attested copies of the Manufacturing credentials of the Principal to establish the principal is the manufacturer of the offered items alongwith the certificate for Local content issued by the Local Supplier
- 3.**The self attested copy of the documents to prove that our business entity is existence for 3years on the date of tender opening.

Signature of Authorized Dealer / Indian Agent

Date:

Seal of the firm

**BANNED OR DELISTED OR DEBARRED OR PUT ON HOLIDAY SUPPLIERS
DECLARATION – Annexure -D**

This is to certify that we have not been banned or de-listed or debarred or 'Put on Holiday' by any Government or quasi-Government agencies or PSUs.

Signature of Bidder

Date:

Seal of the firm

OR

If bidder has been banned / Delisted /Debarred/ Put on Holiday, by any Government or quasi- Government agencies or PSU, then bidder has to indicate the details below:

- (1) Name of the Organisation which has banned the bidder:
- (2) Ban Period :
- (3) Reasons for BANNING OR DELISTING OR DEBARRING OR PUT ON HOLIDAY:

Signature of Bidder

Date

Seal of the firm

Note: In case the bidder is an authorized dealer/distributor, BOTH manufacturer as well as authorized dealer/distributor has to submit the "Banned or Delisted or Debarred or Put on Holiday" declaration as per format above.

Performance Bank Guarantee Format

Re : Bank Guarantee in respect of Agreement / Contract / Purchase Order vide no dated..... between Western Coalfields Limited and (Name of Supplier Company)

Messers a Company / Firm having its office at No. (hereinafter called 'the Contractor') has entered into the Agreement / Contract / Purchase Order vide no dated (hereinafter called 'the said agreement') with Coal India Limited, Kolkata on behalf of Western Coalfields Limited (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 agreement.

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 condition 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 may be 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.....and interest are fully satisfied and the company certifies that the agreement regarding re-payment of the said sum of Rs..... has been fully carried out by the contractor and discharges the guarantee.

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 theday of..... 20.. and unless the guarantee is renewed or a claim is preferred against the Bank within the validity period and / of 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) who has signed it on behalf of the Bank has authority to do so.

The Bank Guarantee is operational for all purposes at Nagpur Branch, Maharashtra (Address & Branch Code - -----)

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

Name of beneficiary and details	
Name	Western Coalfields Ltd
Area	Head Quarter
Bank A/c No: / Cust ID of beneficiary	Current Account no: 005905018053; Customer Id: 556096497 ; ICICI Bank Ltd, Commercial Banking, 9C/A& 9C/B, Ground Floor, Shriram Towers, LIC Square, Nagpur – 440001, Maharashtra
IFSC code	ICIC0000059
Bank Manager Name & Ph no:	UJJWAL KITE: Ph n: 0712-6627389
BG ADVISING MESSAGE – 760COV / 767COV via SFMS	
Field Number	Particulars
7035	ICICI0000059
7037	WCL556096497

Dated this.....Day of.....20...

Place

Signature of the authorized person

For and on behalf of the Bank

PRICE FALL CLAUSE

Annexure "F"

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:

- 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 as applicable.
- 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.
- e. The provisions of fall clause will however not apply for purchase value up to Rs. 2.00 lakh.

Annexure G

LOWEST PRICE CERTIFICATE

This is to certify that the prices quoted/charged by us for the offered/supplied items are the lowest prices as applicable to any other Organization / Ministry / Department of the Govt, of India or Coal India Ltd. and /or its Subsidiaries or other PSU or any other private organization.

Signature of Bidder

Date:

Seal of the firm