

### Bid Document

| Bid Details  |  |
|--|--|
| Bid End Date/Time                                      | 20-07-2020 14:00:00  |
| Bid Opening Date/Time                                  | 20-07-2020 14:30:00  |
| Bid Life Cycle (From Publish Date)                     | 90 (Days)  |
| Bid Offer Validity (From End Date)                     | 75 (Days)  |
| Ministry/State Name                                    | Ministry Of Coal   |
| Department Name  | Materials Management   |
| Organisation Name                                      | Bharat Coking Coal Limited                                       |
| Office Name  | Bccl Dhanbad   |
| Total Quantity   | 2  |
| Item Category  | watermist and caf fire extinguisher high pressure back pack type |
| MSE Exemption for Years of Experience and Turnover     | No   |
| Startup Exemption for Years of Experience and Turnover | No   |
| Bid to RA enabled                                      | No   |
| Inspection Required                                    | No   |

### EMD Detail

|                   |                     |
|-------------------|---------------------|
| Advisory Bank     | State Bank of India |
| EMD Percentage(%) | 2.00                |
| EMD Amount        | 14745               |

### ePBG Detail

|          |    |
|----------|----|
| Required | No |
|----------|----|

(a). EMD EXEMPTION: The bidder seeking EMD exemption, must submit the valid supporting document for the relevant category as per GeM GTC with the bid. Under MSE category, only manufacturers for goods and Service Providers for Services are eligible for exemption from EMD. Traders are excluded from the purview of this Policy.

(b). EMD & Performance security should be in favour of Beneficiary, wherever it is applicable.

**Beneficiary:**

Public Sector Unit

Materials Management Department, Bharat Coking Coal Limited, Commercial Block L-III , Koyla Bhawan, Koyla Nagar, Dhanbad - 826005  
(Bharat Coking Coal Limited)

**Splitting**

Bid splitting not applied.

**Watermist And Caf Fire Extinguisher High Pressure Back Pack Type ( 2 pieces )****Technical Specifications**

[\\* As per GeM Category Specification](#)

| Specification | Specification Name   | Values  | Bid Requirement (Allowed Values)  |
|---------------|--|---|---|
| Genric        | <b>"Conformity to EN 3-7:2004+A1:2007-08 standards "</b>   | The complete system shall be tested for compliance from an internationally/nationally accredited laboratory for compliance to all 30 clauses (3.2, 3.15, 4.2, 4.3, 4.4, 4.5, 6.1, 6.2, 6.3, 7.1.1, 7.1.2, 7.2, 7.3, 7.4, 8.1, 8.2, 9.2, 10.1, 10.2, 10.3, 10.4, 10.5, 10.6.1 & 10.6.2, 14.1, 14.2, 15.2, 15.3, 16.1, 16.2) of EN 3 - 7:2004 + A1: 2007-08 (E) Standard mandatorily applicable for the complete system | The complete system shall be tested for compliance from an internationally/nationally accredited laboratory for compliance to all 30 clauses (3.2, 3.15, 4.2, 4.3, 4.4, 4.5, 6.1, 6.2, 6.3, 7.1.1, 7.1.2, 7.2, 7.3, 7.4, 8.1, 8.2, 9.2, 10.1, 10.2, 10.3, 10.4, 10.5, 10.6.1 & 10.6.2, 14.1, 14.2, 15.2, 15.3, 16.1, 16.2) of EN 3 - 7:2004 + A1: 2007-08 (E) Standard mandatorily applicable for the complete system |
|               | Mounting type  | Backpack  | *   |
|               | Configuration ( Shall be mounted on a sturdy frame suitably cushioned for comfort, provided with shoulder pads for carrying as a backpack and a handle to be carried by hand. All materials used shall | Yes   | *   |

|                |  |   |   |
|----------------|--|---|---|
|                | be of fire retardant type. Backpack shall be supplied with two air cylinders.)   |   |   |
|                | Model Number as per Accredited Laboratory Test Report to Be declared   | -   | *   |
|                | Main Components: Pressure vessel to hold the media with safety valve, compressed air cylinder coupled with a reducer, hose pipes for discharge of water mist media, extinguishing gun.   | Yes   | *   |
| Constructional | <b>Air Cylinder Material</b>   | Ultralight Carbon composite with PET Liner  | Ultralight Carbon composite with PET Liner  |
|                | <b>Type of Foam</b>  | Special AFFF Compound conforming to manufacturer own specifications for higher fire rating A55, B233, Spreading coefficient for special AFFF Compound shall be +5 minimum, concentration shall be 6%. | Special AFFF Compound conforming to manufacturer own specifications for higher fire rating A55, B233, Spreading coefficient for special AFFF Compound shall be +5 minimum, concentration shall be 6%. |
|                | If special foam mention the composition for special ,otherwise put NA  | -   | *   |
|                | Commercial Brand Name of the Special foam (fire extinguishing medium) as per accredited laboratory test report wherein higher fire ratings i.e A55,B233, E1000 V (Die Electric Suitability) achieved, to be declared.Write NA if not applicable. | -   | *   |
|                | Characteristics of extinguishing medium of Special AFFF Compound (manufacturer own specifications) with infrared spectrogram to  | -   | *   |

|             |  |   |   |
|-------------|--|---|---|
|             | be furnished.NA if not applicable  |   |   |
|             | <b>Pressure Vessel Material &amp; Capacity (Nominal Charge)</b>  | Ultralite Carbon Composite with PET Liner of 9 liter capacity | Ultralite Carbon Composite with PET Liner of 9 liter capacity |
|             | Minimum wall thickness of pressure vessel (mm)   | 5   | *   |
|             | Extinguishing gun material   | Stainless Steel   | *   |
|             | if others Mentions the material for Extinguishing gun,otherwise put NA   | -   | *   |
|             | Extinguishing gun weight (750 grams approx)  | 750   | *   |
|             | Length of EN marked Hose 1.3 meter for backpack system   | Yes   | *   |
|             | Weight of fully charged Backpack system between 25kg to 27kg having Corrosion Free Aluminum Alloy vessel and below 20 kg having Ultralite Carbon Composite with PET Liner Vessel for   | 20  | *   |
| performance | Air Cylinder Capacity (Ltrs)   | 2   | *   |
|             | Air Cylinder pressure (Bar)  | 300   | *   |
|             | High Pressure Type (Dynamic Operating pressure to be tested in the accredited laboratory test report which will be considered as high pressure for as per clause No. 3.15 of EN 3 - 7:2004 + A1: 2007-08 (E) Standard.) $\geq 30$ for Aluminium vessel , $\geq 35$ for Ultralight Carbon composite with PET Liner vessel (Bar) | 37  | *   |
|             | Lancing Distance of Gun : More than 12 meter (meter)   | 15  | *   |

|  |  |  |
|--|--|--|
| The air hoses shall be suitable for minus 40 deg C to 100 Deg C temperature and EN mark on hose  | Yes  | *  |
| Minimum operating time in full throttle for aluminium alloy vessel   | -  | *  |
| Minimum operating time in full throttle for Ultralight Carbon composite with PET Liner vessel  | -  | *  |
| System shall be designed for maximum operating temperature TS max and minimum operating temperature TS min of 60 deg C or more and 5 Deg C or less respectively and certified by the manufacturer accordingly as per Clause 7.4 of EN 3-7:2004+A1:2007-08 standards as per the accredited test report for backpack system. | Yes  | *  |
| <b>Fire Rating</b>   | 55 A, 233B, 1000V with Special AFFF Compound as per manufacturer own specn | 55 A, 233B, 1000V with Special AFFF Compound as per manufacturer own specn |
| PED approval as per Directive 97/23/EC   | Yes  | *  |
| Pressure Vessel shall include a pressure gauge fitted on the vessel (CE Marked from notified body).  | Yes  | *  |
| No objection certificate (NOC) for Pressure Vessel from Petroleum and Explosives Safety Organization (PESO) Nagpur   | Yes  | *  |
| Pressure Vessel should have CE Marking from Notified body  | Yes  | *  |
| The air cylinders shall have PESO, Nagpur  | yes  | *  |

|   |     |   |
|---|-----|---|
| approval  |     |   |
| Specific consent of the OEM for the value additions made along with a confirmation that fire ratings of the equipment would not be affected by these value additions. | Yes | * |
| Test Report No  | -   | * |
| Test Report Date  | -   | * |
| Name of ILAC/NABL/Central Govt.Accredited Laboratory where Test Conducted   | -   | * |
| NOC Letter No. Date of PESO Nagpur for Pressure Vessel  | -   | * |

\* Specifications highlighted in bold are the Golden Parameters.

\* Bidders may note that In respect of non-golden Parameters, the specifications 'Values' chosen by Buyer will generally be preferred over 'Bid requirement ( allowed Values) by the Buyer.

### Additional Specification Documents

### Consignees/Reporting Officer and Quantity

| S.No. | Consignee/Reporting Officer | Address   | Quantity | Delivery Days |
|-------|-----------------------------|---|----------|---------------|
| 1     | Rohit Kumar                 | 828101, Depot Officer, Central Store, Ekra, BCCL, Post Office- BANSJORA, Dhanbad, Jharkhand-828101. | 2        | 60            |

### Bid Specific Additional Terms and Conditions

1. Purchase preference to Micro and Small Enterprises (MSEs): Purchase preference will be given to MSEs as defined in Public Procurement Policy for Micro and Small Enterprises (MSEs) Order, 2012 dated 23.03.2012 issued by Ministry of Micro, Small and Medium Enterprises and its subsequent Orders/Notifications issued by concerned Ministry. If the bidder wants to avail the Purchase preference, the bidder must be the manufacturer of the offered product in case of bid for supply of goods. Traders are excluded from the purview of Public Procurement Policy for Micro and Small Enterprises. In respect of bid for Services, the bidder must be the Service provider of the offered Service. Relevant documentary evidence in this regard shall be uploaded along with the bid in respect of the offered product or service. If L-1 is not an MSE and MSE Seller (s) has/have quoted price within L-1+ 15% of margin of purchase preference /price band defined in relevant policy, such Seller shall be given opportunity to match L-1 price and contract will be awarded for percentage of 25% of total value.
2. Preference to Make In India products: Preference shall be given to local supplier as defined in

public procurement (Preference to Make in India), Order 2017 as amended from time to time and its subsequent Orders/Notifications issued by concerned Nodal Ministry for specific Goods/Products. The minimum local content to qualify as a local supplier, should be as per relevant notification / order issued by the nodal ministry as available on the website of Department of Promotion of Industries and Internal Trade (DPIIT). If the bidder wants to avail the Purchase preference, the bidder must upload a certificate from the OEM regarding the percentage of the local content and the details of locations at which the local value addition is made along with their bid, failing which no purchase preference shall be granted. In case the bid value is more than Rs 10 Crore, the declaration relating to percentage of local content shall be certified by the statutory auditor or cost auditor, if the OEM is a company and by a practicing cost accountant or a chartered accountant for OEMs other than companies as per the Public Procurement (preference to Make-in -India) order 2017 dated 29.5.2019.

3. Scope of supply (Bid price to include all cost components) : Supply Installation Testing and Commissioning of Goods

[This Bid is also governed by the General Terms and Conditions](#)

**---Thank You---**