

Bid Document

Bid Details	
Bid End Date/Time	27-07-2020 12:00:00
Bid Opening Date/Time	27-07-2020 12:30:00
Bid Life Cycle (From Publish Date)	90 (Days)
Bid Offer Validity (From End Date)	80 (Days)
Ministry/State Name	Ministry Of Coal
Department Name	Materials Management
Organisation Name	Bharat Coking Coal Limited
Office Name	Bccl Dhanbad
Total Quantity	4
Item Category	door frame metal detector dfmd security metal detector
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
Estimated Bid Value	1000000

EMD Detail

Advisory Bank	State Bank of India
EMD Percentage(%)	2.00
EMD Amount	20000

ePBG Detail

Advisory Bank	State Bank of India
ePBG Percentage(%)	10.00
Duration of ePBG required (Months).	38

(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:

HOD(F) MM
Bccl Dhanbad, Materials Management, Bharat Coking Coal Limited, Ministry of Coal
(Bccl)

Splitting

Bid splitting not applied.

MSE Purchase Preference

MSE Purchase Preference	Yes
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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.

Door Frame Metal Detector Dfmd Security Metal Detector (4 pieces)**Technical Specifications**

[* As per GeM Category Specification](#)

Specification	Specification Name	Values	Bid Requirement (Allowed Values)
TYPE / CAPACITY	Type of usage	Outdoor	Outdoor
	Detection Zones	Multiple Zone	Multiple Zone
	Function	Detects Ferrous, Non-Ferrous and alloy metals concealed in the body of a person when passed through the arch way with bi-directional Traffic and Alarm counter	*
	Number of Horizontal Detection Zones covering full Height	8	8
	Capacity / throughput rate (person/min)	30 or more	*
	False Alarm rate (%)	3	*
DIMENSIONS / WEIGHT	Passage Height	2100	*
	Passage Breadth	720	*
	Passage Width	570	*
	Weight of the equipment	Not more than 80 Kg	*
DOOR FRAME CONSTRUCTION	Construction of Door Frame (Walk-through Arch)	Light weight, rigid, laminated side panels and cross piece with ABS plastic boots for panel protection	*
	Material of Walk-through Arch	FIBER	FIBER

	Provided with base wheels for easy mobility	Yes	Yes
	Provided with a floor panel to attach both side panels to give stability & rigidity to the structure	Yes	Yes
	Ramp over the floor panel - Covered with synthetic carpet for long life	Yes	Yes
	Water proof	Yes	Yes
	Weather proof	Yes	Yes
DETECTION	Metals detectable	Ferrous, Non-Ferrous, Ferrite & Alloys	*
	Uniform Detection from top to bottom	Yes	*
	Capable of Metal Detection in all orientations	Yes	*
	Detect multiple objects of various size, weight and shape in all the zones simultaneously from head to toe	Yes	*
	Capable of Metal Detection in walking speed of interception	Yes	*
	Performance independent of the speed of person passing through	Yes	*
ALARM / INDICATION / DISPLAY	Audio-Visual indication on detection at side panels and control panel	Yes	*
	Audible Alarm on detection with adjustable volume	Yes	*
	Bar Display to indicate Metal location w r t Height on person	Yes	Yes
	Audio-Visual Low Battery indication	Yes	*
	Back-lit Display	LCD	*
SENSITIVITY	Operational Frequencies	User selectable	*
	Number of User Selectable frequencies	15	*
	Adjustable Sensitivity	Yes	*
	Number of Sensitivity Levels / Steps	18	*
	Uniform Sensitivity in all zones	Yes	*
	Calibration	Both manual and Auto Calibration	*
SECURITY	Provision to secure access to the control unit by a pass word protected alpha numeric keypad	Yes	*

	Re-setting after alarm condition	Re-set itself (auto) within 3 Seconds	*
	Walk / Stop indicator for traffic control	Yes	*
	Control Panel	Easy accessible control panel, with modular design and standard plugs and connectors. Adjustable controls should only be activated on insertion of a removable key and / or by password.	*
	User friendly self-testing diagnostics to identify faulty condition	Yes	*
INTERFERENCE SUPPRESSION /REJECTION	Automatic synchronization for DFMDs Do not interfere with adjacent installed DFMDs located close to each other upto a distance of	1	*
	Static Metal Compensation Not affected by heavily reinforced floors / roof tops / walls	Yes	*
	High discrimination between small masses and personal metallic objects	Yes	*
	Not affected by external RF transmission and EMI (Electro Magnetic Interference)	Yes	*
	Not affected by by interference, which is mains-borne or radiated by external source	Yes	*
	Not affected by the operation of radio, Mobile phones, walkie-talkie sets, X-ray monitors etc within a distance of one meter	Yes	*
	Not affected by moving metallic items such as trolleys, opening / closing of metallic gate etc, one meter away from the archway	Yes	*
HEALTH & SAFETY	Harmless to wearers of pacemakers, defibrillators or other vital support systems, pregnant women and magnetic storage media	Yes	*
	Not affected by infrared, ultraviolet, electromagnetic or RF radiation	Yes	*
	Conform to international security standards of Safety / Radiation	Yes	*
	Harmless to magnetic media, electronic devices,	Yes	*

	Film safe and Data safe		
ENVIRONMENTAL	Operating Temperature Range (Degree C)	Minus 20 to Plus 55 Degree C	Minus 20 to Plus 55 Degree C
	Operating Humidity - Non condensing (RH) (%)	95	*
POWER SUPPLY / BATTERY	Source of Power	Operated by AC mains supply and alternatively by rechargeable battery	*
	Power Supply	220 V +/-10% VAC	*
	Battery	Re-chargeable, maintenance free, internal battery with charger	Re-chargeable, maintenance free, internal battery with charger
	Battery Back-up in full function (hours)	16	16.0
ACCESSORIES	One Standard Test Piece for each machine for testing during commissioning / maintenance	Inclusive in the scope of supply	*
	Training tools- Charts, slides, training brochure, training work model, blowup diagram, video films on demonstration and use etc	Inclusive in the scope of supply	*
	Technical manual giving full description of the item, user's handbook and literature	Yes	*
	Practical training	1 Day	1 Day
	Availability of Spares for a period of 7 years after the warranty period	Yes	Yes
	Ruggedized polypropylene shock proof container compliant to IP 65 or better for safe transportation of the equipment	No	Yes, No
WARRANTY	Warranty (Years)	3	3.0
CERTIFICATION	Availability of Test Report from NABL/ ILAC accredited or Central Government Lab to prove conformity of products to the specification	Yes	Yes
	Test Report Number & Date	-	*
	Name & address of the Lab	-	*

* 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	Aman Kumar Singh	826005,0 Level, Administration Department, Koyla Bhawan, Koyla Nagar, Dhanbad, Pin Code-826005	4	30

Bid Specific Additional Terms and Conditions

- 1.Scope of supply (Bid price to include all cost components) : Supply Installation Testing Commissioning of Goods and Training of operators and providing Statutory Clearances required (if any)
- 2.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.
- 3.Preference to Make In India products (For bids less than 200 Crore):Preference shall be given to Class 1 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 Class 1 local supplier is denoted in the bid document 50%. 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 04.06.2020. Only Class-I and Class-II Local suppliers as per MII order dated 4.6.2020 will be eligible to bid. Non - Local suppliers as per MII order dated 04.06.2020 are not eligible to participate. In case Buyer has selected Purchase preference to Micro and Small Enterprises clause in the bid, the same will get precedence over this clause.

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

---Thank You---