

Organisation Details	Buyer Details
Type: Central PSU Ministry: Ministry of Coal Department: Materials Management Organisation Name: Bharat Coking Coal Limited Office Zone: Bccl Dhanbad	Name: Mrunal Mehta Designation: Deputy Manager MM Contact: - No.: - Email ID: mrunal.mehta@nic.in GSTIN: 20AAACB7934MFZB MM Department, level 3, Commercial Building, Koyla Bhawan, Address: Koyla Nagar, DHANBAD, JHARKHAND-826005, India

Financial Approval Detail	Paying Authority Details
IFD Concurrence: Yes Designation of Administrative Approval: DT(OP) Designation of Financial Approval: DT(P&P)	Name: BIKRAM GHOSH Designation: HOD Purchase Finance Email ID: pao5.bccl.jh@gembuyer.in GSTIN: N MM Department, level 3, Commercial Building, Koyla Bhawan, Address: Koyla Nagar, DHANBAD, JHARKHAND-826005, India

Seller Details	
Company Name:	ASTRA COMMUNICATION
Contact No.:	09576307000
Email ID:	astracommunication@gmail.com
Address:	430, 4TH FLOOR, SRI RAM PLAZA, BANK MORE, DHANBAD, JHARKHAND-826001, -
MSME verified:	No
GSTIN:	20AHCPM3098F1ZN

*GST / Tax invoice to be raised in the name of - Consignee

Product Details							
#	Item Description	Category Name	Model	HSN Code	Ordered Quantity	Unit	Price (Inclusive of all Duties and Taxes in INR)
1	MOTOROLA VHF Full Band Digital Handheld Transceiver	Digital Transceiver-Handheld	Motorola XiR P6600i	HSN not specified by seller	458	pieces	8,755,128
Total Order Value (in INR)							8,755,128

Consignee Detail							
S.No	Consignee	Item	Lot No.	Quantity	Delivery Start After	Delivery To Be Completed By	
1	Name: Rohit Kumar Designation: - Email ID: con1.bccl.jh@gembuyer.in Contact: 62876-95727- GSTIN: 20AAACB7934MFZB Address: Depot Officer, Central Store, Ekra, BCCL, Post Office- BANSJORA, Dhanbad, Jharkhand-828101., DHANBAD, JHARKHAND-828101, India	MOTOROLA VHF Full Band Digital Handheld Transceiver	-	458	22-Dec-2020	20-Feb-2021	

Product Specification for MOTOROLA VHF Full Band Digital Handheld Transceiver		
Specification	Sub-Spec	Value

PERFORMANCE FEATURES	Frequency Range (MHz)	136-174
	Types of Bandwidth	VHF Full Band
	Display	No
	Channel Capacity	16
	Channel Spacing	12.5
	Frequency Stability (±)	0.5
	Technology	Digital TDMA (2-slot)
	Air Interface Standard	Open Standard DMR Tier-II
	Antenna Impedance	50
TRANSMITTER	RF Power output	programmable
	RF Power output Range	1 to 5 Watts (VHF)
	FM Emission	11K0F3E
	Digital Modulation	4FSK
	Transmitter FM Hum/Noise (dB)	-40
	Transmitter Modulation Limiting	+/- 2.5 KHz @12.5KHz
	Transmitter Adjacent Channel Power (dBc)	-60
	Audio Response	+1,-3 dB
	Audio Distortion	3
	Digital Vocoder	AMBE+2
RECEIVERS	Analog Receivers Sensitivity for 12dB SINAD	0.16
	Digital Receiver Sensitivity at 5% BER	0.14
	Receiver Adjacent Channel Selectivity (dB)	60
	Inter Modulation (dB)	70
	Receiver Audio Output	500
	Receiver Rated Audio Distortion	3
ACCESSORIES	Antenna for Handheld Transreceiver	Rugged flexible Helical
	Programming kit	yes
	User Manual with each radio sets provided free of cost in soft as well as hard copy	yes
	Technical repairing & maintenance manual with complete block diagram, circuit layout etc in soft as well as hard copy	yes
	Battery Charger	Yes
	Input voltage	230 V ± 10%,50 Hz
	Output voltage	14V
	Battery charger suitable for	Lithium-ion
	Charging time for standard mode	6 to 14hrs
	Charging time for rapid mode	1 to 3 hrs
	Number of charging pockets	1
	Number of spare batteries with each Radio Set	NA
	Indicator	For all modes of charging status
	One good quality leather case with belt clip & shoulder strip	No
Simple Press to talk	YES	

VARIOUS FEATURES	Low Battery Alert	yes
	CTCSS or DCS	yes
	Mixed Mode Operation (analog & digital)	yes
	Signaling	2Tone,Digital
	Busy Channel Lockout	Yes
	Selective Call Decode	Yes
	Capable of VOX for hands-free operation	Yes
	If yes,handfree kit provided with radio set	No
	handfree kit variants	NA
	PTT ID Encode	Yes
	Channel Scanning with call quieting facility	Yes
	Emergency SOS/SIREN	Yes
	Talk-around	Yes
	Automatic Number Identification (ANI)	No
	Text message and predefined message	No
	Keypad	No
	Availability of Inbuilt GPS system	No
	If yes, Horizontal accuracy	0
	Time to first fix(TTFF) cold start	0
	Time to First Fix(TTFF) Hot start	0
	Capable of being Killed/ Unkilled	Yes
	communication security	Inbuilt encryption
Protocols supported in case of third party encryption	NA	
GENERIC	Weight of hand held Transreceiver with Battery	295
	Other features	Orig. Motorola Radio
POWER SOURCE/BATTERY	Chemistry of Battery	Lithium-ion
	Voltage rating of the Battery	7.4
	capacity of Battery (mAH)	2450
	Average Battery duty cycle '5/5/90 for digital Transmission	19.5
	Average Battery duty cycle '5/5/90 for analog Transmission	14
CERTIFICATION	BIS registartion under CRS of Meity for the battery	Yes
	BIS registration number and date for the battery	R-41041815 & 16-6-16
	EMI/EMC	ETSI EN301 489-1 & ETSI EN301 489-5
	Tested by DCPW	No
SAFETY	Protections	Reverse polarity protection & short circuit protection
SERVICE	Warranty	5
OPERATING CONDITION	Minimum Operating temperature	-30
	Maximum Operating temperature	55
	Minimum Storage temperature	-40
	Maximum Storage temperature	70

	Operating Humidity @40 degree C	95
TEST REPORT DETAILS	Dust test as per	MIL-STD-810 G
	Vibration test as per	MIL-STD-810 G
	Shock test as per	MIL-STD-810 G
	Water Intrusion test as per	IP-67
	Salt test as per	MIL-STD-810 G
	Rain test as per	MIL-STD-810 G
	Altitude test as per	MIL-STD-810 G
	Availability of Test Reports from Central Govt/ NABL/ILAC accredited lab to prove conformity to the Specifications	Yes
	Test Report Number and Date	RP-59562-01,24.09.18
	Name and Address of the Lab	MOTOROLA, MALAYSIA

Corrigendum

- 1. 1: currently the following features are not available in the gem portal, therefore it may be added as corrigendum in the bid 1. Intelligent audio 2. Over the air programming (OTAP) 3. Battery level announcement**
- 2. Extended Upto : 2020-08-07 13:00:00**

Terms and Conditions

1. General Terms and Conditions

1.1 This Contract between the Seller and the Buyer, is for the supply of the Goods and/ or Services, detailed in the schedule above, in accordance with the General Terms and Conditions (GTC) as available on the GeM portal (unless otherwise superseded by Goods / Services specific Special Terms and Conditions (STC) and/ or BID/Reverse Auction Additional Terms and Conditions (ATC), as applicable

1.2 Terms of delivery: Free Delivery at Site including loading/unloading. In respect of items requiring installation and / or commissioning and other services in the scope of supply (as indicated in respective product category specification / STC / ATC), and the cost of the same is also included in the Contract price.

1.2.1 Contracted goods should be delivered at the consignee or designated delivery location as per the working time of the buying organisation. Seller may get the same confirmed from consignee before scheduling delivery.

1.2.2 A copy of the contract should be available with the messenger / dispatching agency that delivers the Goods at consignee / delivery location (preferably pasted / attached outside the consignment / package) for easy reference and ease in delivery acceptance.

1.3 Delivery period: The Delivery Period/Time shall be essence of the Contract and delivery must be completed not later than such date(s). Any modification thereto shall be mutually agreed and incorporated in the Contract as per the provisions of the GTC.

1.4 Performance Security: If the Seller fails or neglects to observe or perform any of his obligations under the contract it shall be lawful for the Buyer to forfeit either in whole or in part, the Performance Security furnished by the Seller.

1.5 Taxes and Duties: Contract Prices are all inclusive i.e. including all taxes, duties, local levies / transportation / loading-unloading charges etc. Break up of GST shall be indicated by the Seller while raising invoice / bill on GeM. While submitting the bill / invoice Seller shall undertake that the Goods and Services Tax (GST) charged on this bill is not more than what is payable under the provision on the relevant Act or the Rules made there under and that the Goods on which GST has been charged have not been exempted under the GST Act or the Rules made there under and the charges on account of GST on these goods are correct under the provision of that Act or the rules made there under.

1.6 Octroi Duty and / or other local taxes: Contract Prices are all inclusive hence no reimbursement over and above the contract price(s) shall be allowed to seller towards payment of local taxes (such as levy of town duty, Octroi Duty, Terminal Tax and other levies of local bodies etc).

1.7 Limitation of Liability: The provisions of limitation of liability between Buyer and Seller as given in the GTC shall be applicable here.

1.8 Resolution of disputes: The provisions of DISPUTE RESOLUTION BETWEEN BUYER AND SELLER as given in the GTC shall be applicable here.

1.9 Liquidated Damages: If the Seller fails to deliver any or all of the Goods/Services within the original/re-fixed delivery period(s) specified in the contract, the Buyer will be entitled to deduct/recover the Liquidated Damages for the delay, unless covered under Force Majeure conditions aforesaid, @ 0.5% per week or part of the week of delayed period as pre-estimated damages not exceeding 10% of the contract value without any controversy/dispute of any sort whatsoever. In case, Service Level Agreement (SLA) is applicable the same shall be applicable for the Contract.

1.10 Financial Certificate:

1.10.1 The expenditure involved for this purpose has received the Sanction of the competent financial authority.

1.10.2 The funds are available under the proper head in the sanction budget allotment for the concern financial year.

1.10.3 I have been fully authorized by the department to sign the supply order or incur the liability of the Goods being ordered.

1.11 The bidder should submit a self declaration to the effect in bidder's official letter head that their agency have not been black listed by any Agency whatsoever till date.

2. Additional Terms and conditions

2.1 Availability of Service Centres: Bidder/OEM must have a Functional Service Centre in the State of each Consignee's Location in case of carry-in warranty. (Not applicable in case of goods having on-site warranty). If service center is not already there at the time of bidding, successful bidder / OEM shall have to establish one within 30 days of award of contract. Payment shall be released only after submission of documentary evidence of having Functional Service Centre.

2.2 Dedicated /toll Free Telephone No. for Service Support : BIDDER/OEM must have Dedicated/toll Free Telephone No. for Service Support.

2.3 Escalation Matrix For Service Support : Bidder/OEM must provide Escalation Matrix of Telephone Numbers for Service Support.

2.4 IMPORTED PRODUCTS: In case of imported products, OEM or Authorized Seller of OEM should have a registered office in India to provide after sales service support in India. The certificate to this effect should be submitted.

2.5

Malicious Code Certificate:

The seller should upload following certificate in the bid:-

(a) This is to certify that the Hardware and the Software being offered, as part of the contract, does not contain Embedded Malicious code that would activate procedures to :-

- (i) Inhibit the desires and designed function of the equipment.
- (ii) Cause physical damage to the user or equipment during the exploitation.
- (iii) Tap information resident or transient in the equipment/network.

(b) The firm will be considered to be in breach of the procurement contract, in case physical damage, loss of information or infringements related to copyright and Intellectual Property Right (IPRs) are caused due to activation of any such malicious code in embedded software.

2.6 The Bidder / OEM (themselves or through reseller(s)), should have executed project for supply and installation / commissioning of same or similar Category Products during preceding 3 financial years (i.e. current year and three previous financial years) as on opening of bid, as per following criteria:

- (i) Single order of at least 35% of estimated bid value; or
- (ii) Two orders of at least 20% each of estimated bid value; or
- (iii) Three orders of at least 15% each of estimated bid value.

Satisfactory Performance certificate issued by respective Buyer Organization for the above Orders should be uploaded with bid. In case of bunch bids, the Category related to primary product having highest bid value should meet this criterion

2.7 Timely Servicing / rectification of defects during warranty period: After having been notified of the defects / service requirement during warranty period, Seller has to complete the required Service / Rectification within 3 days time limit. If the Seller fails to complete service / rectification with defined time limit, a penalty of 0.5% of Unit Price of the product shall be charged as penalty for each week of delay from the seller. Seller can deposit the penalty with the Buyer directly else the Buyer shall have a right to recover all such penalty amount from the Performance Security (PBG). Cumulative Penalty cannot exceed more than 10% of the total contract value after which the Buyer shall have the right to get the service / rectification done from alternate sources at the risk and cost of the Seller besides forfeiture of PBG. Seller shall be liable to re-imburse the cost of such service / rectification to the Buyer.

2.8 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)

2.9 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.

2.10 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.

2.11 OPTION CLAUSE: The Purchaser reserves the right to increase or decrease the quantity to be ordered up to 25 percent at the time of placement of contract. The purchaser also reserves the right to increase the ordered quantity by up to 25% of the contracted quantity during the currency of the contract at the contracted

rates. Bidders are bound to accept the orders accordingly.

Note: This is system generated file. No signature is required. Print out of this document is not valid for payment/ transaction purpose.