भारत कोकिंग कोल लिमिटेड एक मिनीरत्न कंपनी (कोल इंडिया लिमिटेड का एक अंग) सामग्री प्रबंधन विभाग कोयला भवन, कोयला नगर

धनबाद—826 005 सी.आइ.एन:यू.10101जे.एच.1972जी.ओ.1000918



Bharat Coking Coal Limited A Miniratna Company (A Subsidiary of Coal IndiLimited) Material Management Department Koyla Bhawan, Koyla Nagar Dhanbad- 826 005 C.I.N: U10101 J.H.1972

G.O.1000918

SUPPLY / PURCHASE ORDER

Ref no: BCCL/PUR/816066/MB/17-18/Automotive Battery/113

Dt: 29.12.2017

By registered post

To,
M/s. Dishant Engineering Works,
144/145, J.N. Mukherjee Road,
Plot No: 48, Ghusury, Howrah-711107.
Contact Person: Mr. Sanjay Kheto
Contact No: 09433062638, 033-26552171

Category: Manufacturer-NSIC New Vendor Code: 1/24/M/S/002 GSTIN: 19AAIFD3720G1ZL

Sub: Supply of Automotive Batteries of various capacities.

Ref: BCCL E-Tender No: BCCL/PUR/816066/MB/17-18/Automotive Battery/11 opened online on last extended date i.e. on 9.6.2017 against our Tender Id No: 2017_BCCL_68842_1.

Dear Sirs.

With reference to the above, we for and on behalf of BCCL hereby place Purchase Order on you for supply of stores as per the following price, terms and Conditions:-

1. SCOPE OF SUPPLY

SI no	Item description	Qty (in no.)	Rate Each (in Rs.)	Total in Rs.
01.	Valve regulated/MF Lead Acid Starter Battery in PP/ABS container fully factory charged at 20 hours discharge rate @ 27°C & CCA (minimum) as per enclosed technical brochure @ (-) 18 °C at 30 seconds as per IS:14257:1995 (updated) of following capacities:-12V, 25Pl,180AH, Model: IN180; Make: Dishant Engineering Works (DEW-X); HSN Code: 85071000; Material Code: 94060600211	250	7594.00	1898500.00
02.	-Do- but, 12 V, 19 PI,135AH, Model: IN135; Make: Dishant Engineering Works (DEW-X); HSN Code: 85071000; Material Code: 94060600231	150	5910.00	886500.00
03.	-Do- but, 12 V, 17 Pl,120AH, Model: IN120; Make: Dishant Engineering Works (DEW-X); HSN Code: 85071000; Material Code: 94060600208	120	5405.00	648600.00
04.	-Do- but, 12 V, 13 Pl, 88AH, Model: IN88; Make: Dishant Engineering Works (DEW-X); HSN Code: 85071000; Material Code: 94060600188	25	4100.00	102500.00

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05.	-Do- but, 12 V, 11 Pl, 75AH, Model: IN70Z; Make: Dishant Engineering Works (DEW-X); HSN Code: 85071000; Material Code: 94060600176	07	3750.00	26250.00		
			Sub-total	3562350.00		
	IGST @ 28%					
	Sub-total					
	CMPDIL Inspection charges @1%					
	GST on inspection charge @18%					
	Total:-					

(Total contractual value: Rs. Forty Six lac thirteen thousand six hundred thirteen rupees and seventy three paise only)

TERMS & CONDITIONS:

- 1. Payment Terms: 100% within 21 days of receipt and acceptance of the materials by the consignee or from the date of receipt of Bills, whichever is later by the consignee.
- 2. Prices: FIRM and FOR destination basis.
- 3. GST:- (a) GST shall be paid extra as legally applicable. Present rate is 28% (IGST).
 - (b) The invoice shall be raised by you giving all the details as per GST Act/ Rules so as to enable BCCL to avail Input Tax Credit.
 - (c) You have to ensure proper uploading in your return so that BCCL may be able to avail Input Tax Credit.
 - (d) You have to ensure that if BCCL does not be able to avail Input Credit due to fault of the supplier then the loss amount to be recovered from the supplier.
 - (e) GST Registration Number of BCCL in case of supply for Jharkhand is 20AAACB7934MFZB and in case of supply for West Bengal is 19AAACB7934M2Z7. Kindly note that the above mentioned IDs are provisional ID and when GST authority issues final registration certificate, the same shall be indicates. Your bills (cenvatable) should bear this number to enable BCCL to claim INPUT TAX CREDIT.
- 4. DELIVERY SCHEDULE: Delivery to be completed within 75 (Seventy Five) days or earlier from the date of receipt of supply order. Delivery schedule shall be reckoned from the 10TH day from the date of order and the date of receipt of materials at our stores shall be treated as the date of delivery. Any increase in the rate of taxes & duties beyond delivery period will be to your account.
- 5. Security Money: Exempted as you are registered with NSIC. Copy of valid NSIC registration copy duly notorized is to be submitted along with your bills otherwise security deposit shall be obtained from you as per NIT.
- 6. Inspection Pre-despatch Inspection shall be carried out by CMPDIL, Ranchi at your Works premises. Inspection Fees @1% on FOR destination price and GST @18% on inspection charges shall be paid initially by you along with your Inspection Call, which shall be subsequently reimbursed by BCCL along with your supply bills against documentary evidence e.g. money receipt etc. Final inspection shall be carried out at the consignee end after receipt of materials (Annexure-II).

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- 7. Performance Bank Guarantee: You shall furnish a Performance Bank Guarantee as per Annexure-I enclosed on schedule/Nationalized Bank in India valid for three months beyond the expiry of Guarantee/Warranty period for 10 % value of the order (order value means FOR destination price including taxes, duties, transportation & insurance charges & other charges if any) shall have to submitted to MM Division, Koyla Bhawan, BCCL Dhanbad-826005 on commencement of supply. PBG may be submitted either for the entire order quantity at a time or each lot wise. This Performance Guarantee shall be as coverage towards the supplier's performance against the contract performance of the Contract /Supply Order. No payment will be made without submission of Performance Bank Guarantee. If delivery period of supply is extended by any reason, the validity of BG would be extended correspondingly.
- 8. Transit Insurance Shall be arranged and covered by you for safe arrival of materials to the consignee end at your cost and risk.

9. PENALTY FOR FAILURE TO SUPPLY IN TIME

The delivery of stores stipulated in Purchase order shall be deemed to be of the essence of the contract and delivery of the stores must be completed by the date specified. No materials should be supplied beyond the specified delivery period, unless specific approval has been obtained from the purchaser.

In the event of failure to deliver the stores within the stipulated date/ period in accordance with the samples and/or specification mentioned is the supply order, and in the event of breach of any terms and conditions mentioned in the supply order. Bharat Coking Coal Limited reserves the right:

- a) To recover from successful tenderer, as agreed liquidated damages, a sum not less than 0.5% (half percentage) of the price of the stores which successful tenderer has not been able to supply (for this purpose part of a unit supplied will not be considered) as aforesaid for each week or part of a week during which the delivery of such stores may be in arrears limited to 10%. Where felt necessary the limit of 10% can be increased to 15% at the discretion of Head of the Materials Management Division.
- b) To purchase elsewhere, after due notice to the successful tenderer on the account and at the risk of the defaulting supplier the stores not supplied or others of a similar description without canceling the supply order in respect of consignment not yet due for supply or
- c) To cancel the supply order or a portion thereof, and if so desired to purchase the store at the risk and cost of the defaulting supplier and also
- d) To extend the period of delivery with or without penalty as may be considered fit and proper. The penalty, if imposed shall not be more than the agreed liquidated damages referred to in clause (a) above.
- e) To encash any Bank guarantee which is available for recovery of the penalty or
- f) To forfeit the security deposit full or in part.
- g) Whenever under the contract a sum of money is recoverable from and payable by the supplier, BCCL shall be entitled to recover such sum by appropriating, in part or whole by deducting any sum or which at any time thereafter may be due to the successful tenderer in this or any other contract with Bharat Coking Coal Ltd. or any subsidiary of Coal India Ltd. Should this sum be not sufficient to cover the full amount recoverable, the successful tenderer shall pay BCCL on demand the remaining amount. The supplier shall not be entitled to any gain under this clause.

10. PRICE FALL CLAUSE.

- i) The prices charged for the stores supplied under the contract by the supplier shall in no event exceed the lowest price at which the supplier offer to sell the stores of identical description to any other organization from date of offer till completion of supply under the contract.
- ii) If at any time during the said period the supplier offers lower sale price of such stores to any other organization at a price lower than the price chargeable under this contract, the supplier shall forthwith notify such reduction or sale to the consignee concerned under intimation to GM (MM), Bharat

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Coking Coal Limited, Commercial Block, Level –III, Koyla Bhavan, Koyla Nagar, Dhanbad and the price payable under the contract for the stores supplied after the date of coming into force of such reduction or sale, shall stand correspondingly reduced. The above stipulated will not, however apply to exports by the supplier.

- 11. Submission of Bills-100% value of bill duly stamped, signed & pre-receipted in quadruplicate as per terms of the order should be submitted for payment to the paying authority through consignee.
 Bill should be submitted along with receipted delivery challan in original, Consignee note (if any), Packing list if any, Guarantee/ Warranty certificate, Notorized copy of Valid NSIC Certificate, Price Certificate, Copy of Inspection Note and money receipt of CMPDIL and other relevant documents, as per order should be submitted to the Consignee for payment through Paying Authority.
 NB: all documents to be submitted shall be authenticated.
- 12. Guarantee /Warranty- Materials supplied should be guaranteed for a period of 12 months from the date of commissioning or 18 months from the date of receipt & acceptance of materials at consignee and against any manufacturing defects/workmanship/ Inferior quality. Any defects observed on this account shall be attended within 07 days from the date of receipt of report and immediately replace the material within 30 days free of cost.
- 13. PRICE CERTIFICATE: You should submit a certificate along with bill as stated below "The rates of the stores under this contract are the lowest at which we are selling to any other customer/Govt. Deptt. / Subsidiaries of CIL/ Other PSUs. If the materials are sold at any lower rate than that mentioned in this contract to any other agency, the same will automatically be applied to this contract from that date"
- 14. Packing Consignment shall be supplied in suitable standard proper packing as per NIT.

15. Force Majeure Clauses -

If the execution of the Contract / Supply Order is delayed beyond the period stipulated in the Contract / Supply Order as a result of hostilities, declaration of embargo or blockade or flood, acts of nature or any other contingency beyond the supplier's control due to act of God, then BCCL may allow such additional time by extending the delivery period as is considered justified by the circumstances of the case and its decision shall be final. In case additional time is granted by BCCL for execution of the Contract/Supply Order, the Contract/Supply Order shall be read and understood as if it had contained from its inception the delivery date as extended.

- a) The successful bidder will advise, in the event of his having to resort to this clause, by a registered letter, duly certified by the local chamber of commerce, or statutory authorities, the beginning and end of the causes of the delay, within 15 days of the occurrence and cession of such force majeure conditions. In the event of delay lasting out of force majeure, BCCL will reserve the right to cancel the contract, and provisions governing termination of contract as stated in the bid documents will apply.
- b) For delay arising out of Force majeure, the bidder will not claim the extension in completion date for a period exceeding the period of delay attributable to the causes of force majeure and neither BCCL nor the bidder shall be liable to pay extra cost provided it is mutually established that the force majeure conditions did actually exist.
- c) If any of the force majeure conditions exist in the place of operation of bidder even in the time of submission of bid, he will categorically specify them in his bid, and state whether they have been taken in to consideration in their quotation.
- Consignee Depot Officer, Ekra Central Stores. P.O: Bansjora, BCCL, Dhanbad, Jharkhand, India.
- 17. Paying Authority- HOD(F)MM, BCCL, Koyla Bhawan, Dhanbad.

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- 18. Place of Dispatch: Howrah, West Bengal
- 19. AFTER SALES & SERVICES: The firm should provide proper after sales service for maintenance of the batteries at site as and when required.
- 20. E-way bill, if required, shall be arranged by you.
- LOGO EMBOSSING: LOGO and serial no. & manufacturing date should be affixed at a convenient place.
- 22. ALL DISPUTES ARE SUBJECT TO DHANBAD COURT AND JHARKHAND HIGH COURT JURISDICTION ONLY.

ALL OTHER TERMS & CONDITIONS AND TECHNICAL SPECIFICATIONS ALONG WITH SCOPE OF SUPPLY WILL STRICTLY BE AS PER OUR NIT.

This contract is concluded with the issuance of this order. We are enclosing 2 copies of the Purchase order, one of which should be returned to us duly stamped and signed. This issues with the approval of the Competent Authority.

> Yours faithfully, For & on behalf of Bharat Coking Coal Ltd.

(Rohit Kumar) Asst. Manager(MM)

(N.S. Saini) (MM) General Manager (MM)

INDENT REFERENCE:

Sr. No	Indent No & IR No and Date	Budget Certification no. & dt.	Indenting Authority
1	MB/08(KOL)/16-17 dtd.06.07.2016; IR No. 816066 dtd.27.07.2016	BC No: BCCL/HQ/PUR.FIN/Store Budget/ Rev Bud/17-18/Other stores UG/31 dtd. 8.12.2017 and e-BC No: 477 dtd. 8.12.17 FC no: BCCL/PUR.FIN/FC/18 dtd. 20.12.17 for Rs. 46,13,614.00 and e-FC no: 370 dtd. 20.12.17	GM(MM)S, BCCL Dhanbad

Copy to

- 1. GM (MM), BCCL, Koyla Bhavan, Dhanbad.
- 2. GM(MM)S ,BCCL,Koyla Bhavan,Dhanbad..
- 3. GM (E&M),BCCL,Koyla Bhavan,Dhanbad.
- 4. HOD(F)MM, BCCL,Koyla Bhavan,Dhanbad.
- 5. Depot Officer, Ekra Central Stores. P.O: Bansjora, BCCL, Dhanbad, Jharkhand, India.
- 6. GM (MM), CCL/NCL/WCL/MCL/ECL/SECL
- 7. MM (Tech Cell), MM Div, Koyla Bhavan. Dhanbad.
- 8. GM (E&M) Inspection, CMPDIL, Gondowana Place, Kanke Road, Ranchi-834008, Jharkhand.
- 9. Master File/Office Copy.

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ANNEXURE- 'I' FORMAT OF PERFORMANCE BANK GUARANTEE

1. Messersa cor	
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(hereinafter called the	said Contract) with Bharat Coking Coal Limited having its
Regd. Office (address to the given	(hereinafter called , the Purchaser) to supply
equipment on the terms and conditions in the said Contract.	normant of the value of the agricument will be made to the
seller in the terms of the said Contract on the seller furnishing to	payment of the value of the equipment will be made to the
 equivalent to 10 % of the value of each equipment and acc 	occorios dispatched by the seller as security for the due and
faithful performance of the terms of the said contract and aga	
suffered by the purchaser by reason of any of the terms or cond	
The Bank having its office at	has at the request of seller agreed to give the
guarantee herein after contained.	
2. We, (Name of the Bank) do hereby	undertake to pay the amounts due and payable under this
guarantee without any demur merely on a demand from the put	rchaser stating that the amount claimed is due by way of loss
or damage caused to or would be caused to or suffered by the p	ourchaser by reason of any breach by the said seller of any of
the terms or conditions contained in the said contract or by re-	ason of the seller's failure to perform the said contract. Any
such demand made on the Bank shall be conclusive as regards t	he amount due and payable by the Bank under this guarantee.
We shall not withhold the payment on the ground that the selle	r has disputed its liability to pay or has disputed the quantum
of the amount or that any arbitration proceeding or legal proc	eeding is pending between purchase and the seller regarding
the claim. However, our liability under this guarantee shall be	restricted to an amount not exceeding
	the state of the s
3. We, (Name of the Bank) further a	gree that the guarantee herein contained shall come into force
from the date hereof and shall remain in full force and effect de	iring the period of the said contract and that it shall continue
to be enforceable till all the dues of the purchase under or by	wirtue of the said contract have been fully and properly carried out by
satisfied or purchase certified that the terms and conditions of the said seller and accordingly discharged the guarantee. Unle	the said contract have been tuny and properly carried out by
writing on or before the (date to be given	
Guarantee) we shall be discharged from all liability under this g	marantoe thereafter
We., (Name of the Bank) further agree with the purchaser.	that the purchaser shall have the fullest liberty without our
consent and without affecting in any manner no obligations he	ereunder to vary any of the terms and conditions of the said
contract or to extend time of performance by the said seller(s)	from time to time or to postpone for any time or from time to
time any of the powers exercisable by the purchaser, against	the said seller and to forbear or enforce any of the terms and
conditions relating to the said contract and we shall not be r	elived from our liability by reason or any such variation or
extension being granted to the said seller or for any forbear	rance act or omission on the part of the purchaser, or any
indulgence by the purchaser to the said seller by any such matter	er or thing whatsoever which under the law relating to surctics
would be for this provision have effect of an relieving us. The I	Bank further agrees that in case this guarantee is required for a
longer period and it is not extended by the bank beyond the pe	riod specified above, the bank shall pay to this purchaser the
said sum of or such lesser sum as may than b	e due the purchaser and as the purchaser may demand.
5. We , (Name of the Bank) lastly undertake no	t to revoke this guarantee during its currency except with the
previous consent of the purchaser, in writing.	
6. The Bank has under its constitution power to give this guara	ntee and MrManager, who has signed it on
behalf of the Bank has authority to do so.	60 70 1 10 6 4 4
7. This Bank Guarantee will not be discharged due to the chang	te in the constitution of the Bank of the Contractor.
[In case the BGs are from outstation branch of Dhanbad then	BG shall be encashable at Dhanbag/Kolkata branch of issuing
bank with address and location of the said branch at Dhanbad/k	Colkata will be as unuer.
Name of the Bank ; Name of the Branch ;	
Location & address	
The BG shall be subject to the jurisdiction of the Civil courts	Dhanbad District only.1
The Bank guarantee issued by the Bank on behalf of the suppli	ier in favour of Bharat Coking Coal Limited, shall be in paper
form as well as issued under " Structural Financial Messagir	ig System". The detail of beneficiary for issue of BG under
SFMS mode platform are furnished below:	
Name of Bank : State Bank of India	
Branch name : Main Branch Dhanbad	
A/C no. : 35160317947	
IFSC Code : SBIN0000066	
OR	
Name of Bank : ICICI Bank	
Branch name : ICICI Bank, Dhanbad	
A/C no. : 019605001057	
IFSC Code : 1C1C0000196	
Dated day of	Signature of the authorized person
Dated	For and on behalf of the Bank

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Emp. Code.

ANNEXURE-'II'

PRE-DESPATCH INSPECTION CLAUSE

Pre-dispatch inspection of each consignment shall be carried out by M/s. Central Mine Planning & Design Institute Ltd (CMPDIL), Ranchi/their Regional Office as per the terms and conditions indicated here under:

Pre-dispatch inspection shall be carried out by M/s. CMPDIL (the above firm) as per their methodology. The third Party Inspection shall include examination of raw material, test certificate verification, continuous monitoring of quality assurance by manufacturer which will include regular and surprise visits. In brief, the scope and condition of inspection by M/s.CMPDIL will be as follows:

Checking and approval of test procedures/quality assurance plans.

Verification of records and documents of your works.

Verification of documents and test certificate of bought out items and cross checks.

You shall provide facilities for carrying out all necessary tests as required in the specification at your works else these will be carried out at an independent test house at your cost.

Final testing and checking of materials as per specifications.

M/s.CMPDIL will have full and free access to the premises of manufacturer during the process of manufacturing and during inspection activities.

Inspection fee @ 1% of total consignment billing (plus statutory levies like GST etc, as applicable on inspection fee) is to be paid to M/s.CMPDIL along with inspection call letter payable by SBI Collect as per enclosed Appendix- II(a) which will be reimbursed subsequently by BCCL together with consignment billing.

Minimum 7 calendar days' notice shall be given by the manufacturer to M/s.CMPDIL for arranging inspection within valid delivery period as per contract.

The ultimate responsibility for supply of correct materials as per requirement of relevant specification lies solely with the manufacturer inspite of clearance/acceptance by inspection authority i.e. M/s. CMPDIL. The manufacturer will be required to replace the material free of cost if found defective/unserviceable/not according to relevant specifications.

The charges for third party inspection and the cost of materials that would be required for destructive tests, if any, shall be reimbursed by BCCL together with the consignment billing. Such cost shall be reimbursed only if it is duly certified by M/s. CMPDIL.

Please send inspection call to M/s. CMPDIL, Ranchi/ their Regional. Office as per appendix-II (b).

Final inspection shall be arranged by the consignee after receipt of the material at our destination.

The purchaser shall, at its discretion, have the right to test the ordered material in a Government Test House or in a test house nominated by the purchaser. In case or failure of the material after testing the cost of tests as well as of the material shall have to be borne by the supplier.

FOR AND ON BEHALF OF BCCL

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Appendix- II (a)

The manufacturer/firm, intending to submit the Pre-Dispatch Inspection (PDI) Fees online through SB collect has to follow the following steps:-

- i. Visit CMPDI site (www.cmpdi.co.in).
- ii. Click on the link of State Bank Collect to pay Inspection Fee
- iii. Click the acceptance of terms & conditions and then click the proceed button.
- iv. Next page will open. Here you select the state as *Jharkhand* and then select the type of institution as *PSU-Public Sector Undertaking*, then press go button.
- v, Next page will open requesting to you select PSU name, here you select CMPDI Ltd. & then

press the submit button.

- vi. Next page will open, requesting to select the payment category. Here you select "INSPECTION FEES".
- vii. Automatically you will be transferred to next page requesting to you to provide details of payment. Here you are required to fill the data as requested in each row including the remarks.
- **viii.** After filling all the required data, press the *submit* button, you will be transferred to next page, which will request to verify the details and confirm the details. Press *confirm* button if entry made are correct otherwise press cancel If you press Confirm then you will be transferred to next page where payment option will appear.
- ix. On this page you will find the various modes of e-payment of different banks i.e. net-banking,

debit card, credit card etc.

- **x.** At this page you are requested to make the payment by selecting the appropriate mode of payments offered by different banks as per your choice.
- xi. After making the payment please take out the prints of e-receipt which should subsequently

be submitted to us as a proof of payment made to CMPDI along with inspection call letter.

- Xii. The inspection call is required to be submitted online on the email id gmenm.cmpdi@coalindia.in, with a copy to paresh.saxena@coalindia.in in in the following manner:
 - a) A Covering letter on your letter head giving the details of inspection.
 - b) Inspection call duly stamped and signed, addressed to GM (E&M) CMPDI in the required format on your letter head.
 - c) Copy of e-money receipt for the PDI Fee deposited online.
 - d) Copy of the respective complete supplied order against which inspection call is raised. All the above four documents are to be submitted in separate PDF files.

Xiii. Simultaneously a copy of e-money receipt for the PDI Fee deposited online must be mailed on the email id: hgfinance@yahoo.com, with a copy to <a href="mailed-englished-

Note: - The facility for submission of PDI Fee on State Bank Collect will be available from 1st to 25th of every month.

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Appendix-II (b)

To

The General Manager (E&M), CMPDI Ltd. Gondwana Place, Kanke Road Ranchi 834031 (Ph 0651-2230876, Fax 0651-2230127)

INSPECTION CALL (To be typed in Company's Letter Head)

Name of Subsidiary Company of CIL	Inspection Call Ref No. & Date:
Manufacturer's Name with Address & Tel/Mobile phone No.:	P.O. No./R.C. No./Amendment/etc.: Date
Contact Person Details: Tel. /Mobile Phone No.: email id:	Status of supply order: Running Order/ New Order: (Please tick the appropriate one.)
Place of Inspection:	Brief Description of Material:
Qty. of Offered Material:	Value of Offered material: Basic Value: Consignment Value: (Including of all Taxes, packing & forwarding charges, Transit insurance, Freight etc.)
Date of readiness of Material: Proposed date of Inspection:	
1)Inspection Fee @1% of Consignment Value : Rs	Details of e-receipt payment generated after paying the inspection Fee on SB collect:
2)GST as applicable on the date of submission of PDI Fee: Total (1+2):	I. e-receipt no.:

Note:

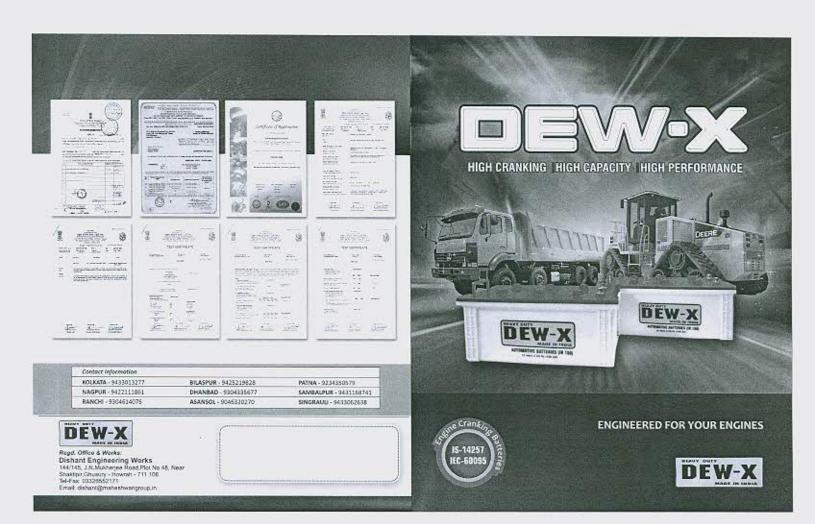
- Inspection fee and service charges is being sent on email id: <u>gmenm.cmpdi@coalindia.in</u>, with a copy to <u>paresh.saxena@coalindia.in</u>
- 2. Copy of Purchase order to be enclosed with inspection call.

Signature with seal

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DEWX Batteries are manufactured by Dishant Engineering Works, a company which is led by entrepreneurs having a decade old experience in institutional sales of batteries. Due to our rich experience, we are well exerted the nature of application as well as the working condition. The batteries offered are thus manufactured to withstand all the challenges related to application/working condition. We have a state of at it in bouse testing laboratories to constantly check and chum out the most reliable product for our external dustromers & patrons.

FEATURES	BENEFITS
HIGH COLD CRANKING CURRENT CAPABILITY	HASSUL FIRE STARTING OF ENGINES EVEN AT COLD TEMPERATURE & NO SELF/TOWING PROBLEMS.
BETTER LIFE CYCLE & ENDURANCE	SUPERIOR BATTERY LIFE & GUARANTEE
HIGHER CAPACITY & DISCHARGE	PERFORMANCE EFFECIENCY
HIGHER RESISTANCE TO VIBRATION	PREVENTS DISCONNECTION OF CELLS DUE TO SHEDDING OF PLATE MATERIALS EVEN WHERE THE VEHICLE IS SUBJECT REQULAR VIDEATION LEADING TO LESSER BREAKDOWN
LOW MAINTENANCE	NO ACIDIC/CORROSIVE FUMES, LESSER SPECIFIC GRAVITY CHECKS, LESSER TOP UPS, NO SEPARATE CHARGING WITH CHARGERS (LESS MONITORING), NO EXTRA CHARGING COST
FACTORY CHARGED & SIMPLE RECHARGING SYSTEM	CELIVERED IN FILLED & CHARGED CONDITION. SUBSEQUENT CHARGING IS LESS COMPUCATEDY STRINGENT MANUFACTURERS INITIAL CHARGING INCREASE PREFORMANCE.

Sr. No.	DEW-X Model	Basic	Dimensions (mm)		Weight	Capacity		CCA at-18°C		
		Conventional Specification	Langth	Width	Height	(kg)	C20	CS	IEC	SAE
1	INSOZ	12 V-9 Plate - 60-65 AH	260	173	225	18/22	60-65	48-52	280	350
2.	IN70Z	12 V-11 Plate -70/75/80 AH	306	173	224	24	75-80	60	420	530
3.	11488	12 V-13 Plate -88 AH	410	176	233	26	88	70.4	450	350
4.	IN100	12 V-15 Plate -100 AH	410	176	233	29	100	80	470	590
5.	IN120	12 V-17 Plate -120 AH	505	182	257	36	120	95	540	700
6.	IN135	12 V-19 Plate -135 AH	508	222	257	40	135	108	600	740
7.	IN150	12 V-21 Plate -150 AH	508	222	257	44	150	120	640	785
8.	IN180	12 V-25 Plate -180 AH	521	278	270	51	180	164	870	1100
9.	IN200	12 V-27 Plate - 200 AH	521	278	270	56	200	160	910	1150

Weights & Signs are Apprountate

IN200

DEW-X. 1N Series' Batteries comply to IS 14257 & IEC 60095 and are tested by National Test House - Govi of India, Kokista for IS 14257/1995 conformation.

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