



WESTERN COALFIELDS LIMITED
(A SUBSIDIARY OF Coal India Limited)

MATERIALS MANAGEMENT WING, COAL ESTATE, CIVIL LINES, NAGPUR - 440 001.
PHONE : PBX : 0712-2611381, 2510691 Extn : 5606, 5861, Fax : 0712-2510284

Supply Order No. 12000110119204

DT: 28.12.2019

SUPPLY ORDER

To,
M/s BEML Limited
Vth Floor, Unity Building,
J C Road, Bangalore - 560002

Vendor Code : 416002
Vendor Category : Manufacturer
FAX : 0712-2249997

Dear Sir,

- Sub : Formal Order for supply of 60T capacity Dumpers with 1+3 Years Guaranteed Spares.
Ref : 1. WCL Tender Enquiry, no: WCL-hq-Pur-yvr-ra-e080-2019-2019 opened on 21.10.2019,
Tender id 2019_WCL_151223_1, Price bid / reverse Auction held on 29.11.2019
2. Your offer / Bid ID number: 452401 and subsequent submission of shortfall /
confirmatory documents
3. Your letter no BEML/MN/209/WCL/BH60M/829 dt 05.12.2019
4. Your letter no MN/BH60M/WCL/2019-20/864 dt 05.12.2019

This has reference to above. We are pleased to place Formal Order on you for the supply of 60T capacity Dumpers (Replacement requirement / NCD) at the rates, following terms and conditions given and General terms and conditions of supply enclosed rates, following terms and conditions given:-

Description	Ordered Qty (nos)	Unit FOR Destination Price Rs.	Extended value Rs.
BEML BH60M DUMP TRUCK powered by CUMMINS INDIA diesel engine model QSK-19-C, self propelled wheeled mechanical rigid Rear. Dumper as per scope of supply and detailed technical specifications enclosed as Annex "A" to "E". Replacement requirement (NCD); Material Code: 1164600006	16	2,02,87,975.00	32,46,07,600.00
GST on equipment @ 28%			9,08,90,128.00
Sub-Total value of Equipment and GST on equipment			41,54,97,728.00
Spares & Consumables * for initial 12 months for each machine (as per Annexure C) for 16 dumpers FREE OF COST			0.00
GST on above spares and consumables (for initial 12 months of operation) for 16 Dumpers FREE OF COST			0.00
Spares & Consumables for 2nd year of operation for each machine (as per Annexure C) for 16 dumpers @ Rs.10,469.00/ equipment			1,67,504.00
GST on above spares and consumables (for 2nd year of operations) for 16 Dumpers @ Rs.1884.42/ equipment, as per Annexure "C"			30,150.72
Spares & Consumables for 3rd year of operation for each machine (as per Annexure C) for 16 dumpers @ Rs.11,42,068.00 / equipment			1,82,73,088.00
GST on above spares and consumables (for 3rd year of operation) for 16 Dumpers @ Rs.2,47,712.44 / equipment, as per Annexure "C"			39,63,399.04
Spares & Consumables for 4th year of operation for each machine (as per Annexure C) for 16 dumpers @ Rs.17,43,084.00 / equipment			2,78,89,344.00
GST on above spares and consumables (for 4th year of operation) for 16 Dumpers @ Rs.4,22,585.12 / equipment, as per Annexure "C"			67,61,361.92
Total cost of equipment, spares for 4 years and GST on equipment and spares for 4 years			47,25,82,575.68

Sub- Total Value: Rs.47,25,82,575.68 (Rupees Forty seven Crores twenty five lakhs eighty two Thousand five Hundred seventy five and paisa sixty eight Only).

NOTE: WCL reserves the right to increase the ordered quantity of 16 nos to 17 nos.

The present applicable rate of GST on individual spares is indicated in Annexure -C enclosed.

* Note: To be supplied along with the equipment

Signature

Signature

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The detailed technical specifications, scope of supply of technical requirement as per Annexure A enclosed.

Terms and Conditions:

1. **Price:** The Prices are FIRM on FOR Destination basis inclusive of packing & forwarding charges, Freight and transit insurance upto destination. Safe arrival of the consignment at destination shall be your responsibility. Supply of Equipment will be made from BEML Ltd Mysore / KGF and supply of spares will be made from BEML Ltd, Chandrapur.
2. **GST:** GST shall be paid at actual against documentary evidence as applicable at the time of Dispatch within the stipulated delivery period. The current rate of GST applicable on equipment is 28%. Input Tax Credit benefit shall be availed by the consignee, for which you should submit GST Complaint Invoice. You have to comply with the terms and conditions of GST Act/ Rules such as issuance of Tax Invoices, ensure payment of GST and enabling mechanism to facilitate Input Tax credit by WCL. You should upload the Tax Invoices/ Debit Note/ Credit Note in GST Portal, make payment of GST and file returns in time, as prescribed under GST Act and Rule to facilitate WCL to avail Input Tax Credit (ITC) as per eligibility under GST. In case WCL is unable to avail ITC or any liability arises to WCL due to failure on the part of you to comply the above provisions, the entire amount including Interest (If any) borne by WCL shall be recovered from you. The present rate of GST applicable on individual items of spares is as per Annex C, enclosed.
3. **Delivery:** The delivery shall be completed immediately or within 4 (four) months to be reckoned from the 7th day of order date.
4. **Guarantee / Warranty / Special Guarantee:** (Also refer B.6 and B.7 of Annexure "A")
 - a. You must ensure that there is no major breakdown due to manufacturing/ design defect during the warranty period. In case such breakdown occurs, the purchase will reserve the right to extend the warranty period suitably.
 - b. **Special Guarantee :** The complete Equipment consisting of all Assemblies/ sub assemblies/ components e.g. Engine, Transmission, Differential, Final Drive, Air conditioning Systems, AFDSS, Centralized Lubrication system, Suspension system, Hyd System, Chassis/ structure, Break system, Engine Hour Meter & Auto Electrical etc. shall be covered for suitable replacement. Repairs (on merits of the case), free from all costs to the purchaser, during total 48 (forty eight) months from accepted date of commissioning.

You will be required to stock spares parts to take care of entire performance period. Spares should be available immediately for replacement against the breakdown.

5. **Performance Guarantee:** - You shall guarantee that the availability of the Equipment shall be not less than 85% (Eighty Five percent) for a period of initial 12 months and 80% (Eighty percent) subsequent 36 months from the accepted date of commissioning (to be calculated annually). PBG (as indicated at relevant clause) must be valid for a period of 54 months of from the date of receipt and acceptance of materials (of the last consignment against the subject order) to cover the guarantee period of 48 months and the same shall be released on receipt of satisfactory performance throughout the guarantee period. The Bank Guarantee shall be released after successful completion of the guarantee/warranty period after confirmation from GM(EXCV)HOD, WCL(HQ)s or extended as deemed fit. Any short fall of performance availability, deduction shall be made as per technical specification. The PBG must be submitted within 15 days from the date of receipt and acceptance of the equipment. No Payment shall be made without submission of PBG.
6. **Performance Bank Guarantee:** You have to submit performance bank guarantee for 10% of the order value (landed cost) of equipment plus 1st, 2nd, 3rd and 4th year spares and consumables i.e. for Rs.4,72,58,258.00 (Rupees Four Crores seventy two lakhs fifty eight thousand two hundred and fifty eight Only) (BG for each machine can be submitted separately) valid for a period of 54 months of from the date of receipt and acceptance of EQUIPMENT to cover the Performance guarantee period and the same shall be released on receipt of satisfactory performance throughout the guarantee period. The PBG extension if any shall be done on or before expiry of original date of expiry of bank guarantee. The Bank Guarantee shall be released after successful completion of the guarantee/warranty and Performance Guarantee period after confirmation from GM(EXCV)HOD, WCL (HQ)s.

The Bank Guarantee issued by the issuing bank on behalf of the supplier in the favour of Western Coalfields Ltd. Shall be in paper form as well as issued under "**Structured financial messaging system**". The details of beneficiary for issue of BG under SFMS platform is

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Supply Order no 12000110113204 dt 28.12.2019 for supply of 60T Dumpers; M/s BEML Ltd

1 no	Mungoli		Area, PO : Ghugus Colliery, Distt:-Chandrapur (M.S)-442 505
4 nos	Umrer	Umrer	The Depot Officer, Regional Stores, Western Coalfields Limited, Umrer Area, PO : Umrer Project, Dist:-Nagpur(M.S); 441204
3 nos	Gondegaon	Nagpur	The Depot Officer, Regional Stores, Western Coalfields Limited, PO: Silewara colliery, Dist. Nagpur (M.S.):441109

11. **Paying Authority:** General Manager (Finance), Western Coalfields Limited, Coal Estate, Civil Lines, Nagpur - 440 001 for the equipment and 1st year spares (to be supplied alongwith the equipment) and Area Finance Managers of respective areas for the Spares and consumables for 2nd to 4th year of operation.

12. **EFT Details (as confirmed in your offer):-**

Name of the Bank	State Bank of India
Branch & Location	Kingsway, Nagpur
Account Number	11172255258
Nature of Account	Current Account
IFS CODE of the Branch	SBIN000432

13. **Mode of dispatch:** All the stores securely packed are to be dispatched by road transport to the consignee on Freight paid basis.

14. **Liquidated Damages clause and Risk Purchase clause:-** In the event of failure to deliver or dispatch the stores within the stipulated date / period in accordance with the samples and/or specification mentioned in the supply order, and in event of breach of any terms and conditions mentioned in the supply order, Coal India Limited shall have the right,

a. To recover from the successful bidder as agreed liquidated damages, a sum not less than 0.5%(half percent) of the price of any stores which the successful bidder has not been able to supply as aforesaid for each week or part of a week during which the delivery of such stores may be in arrears limited to 10% can be increased to 15% at the discretion of Head of MM division.

b. To purchase elsewhere, after due notice to the successful bidder 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 the consignment not yet due for supply, or

c. To cancel the supply order or a portion thereof, and if so desired to purchase the stores 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 forfeit the security deposit full or in part.

f. Whenever under this contract a sum of money is recoverable from any payable by the supplier, Coal India Limited and its subsidiary companies shall be entitled to recover such sum by appropriating, in part or in whole by deducting any sum from any other contract should this sum be not sufficient to cover the full amount recoverable. The successful bidder shall pay Coal India Limited and its subsidiary companies on demand the remaining balance. The supplier shall not be entitled to any gain on any such purchase.

15. **SUBMISSION OF BILLS:**

a. **For claiming 80% payment for equipment & 100% payment of 1st year Spares,** following documents are to be submitted along with original bills as per terms of the supply order to the consignee.

(i) Pre-receipted and stamped GST compliant Invoice as per GST rules and Act indicating HSN code

(ii) Packing list in original list giving details of bill of materials, if applicable. (Invoice should be strictly as per GST rule 2017), if applicable.

(iii) Consignment note / RR/ LR in original.

(iv) Warranty / Guarantee certificate, if applicable.

(v) Manufacturer's test certificate, if applicable.

(vi) DGMS / BIS / Pre dispatch inspection certificates / any other document, if required as per the contract.

(vii) Price Certificate and Price Fall Certificate

(viii) Any other document indicated elsewhere in the order & specifications

b. **For Claiming 20% payment of Equipment and the following documents are to be submitted**

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furnished below:

Name of beneficiary and details	
Name	Western Coalfields Ltd.
Area	Head Quarter
Bank A/c No: / Cust ID	Current Account No: 005905018053; Customer Id : 556096497 ICICI Bank Ltd., Vishnu Vaibhav, 222, Palm Road, Civil Lines, Nagpur
IFSC code	ICIC0000059
Bank Manager Name & Ph. No.	Hrushikesh Sakalkale Ph. No. +91-9923202096

BG advising message - 760COV / 767 COV via SFMS

Field number	Particulars
7035	ICICI000059
7037	WCL556096497

The original bank guarantee issued by issuing bank shall be sent by the issuing bank to " Genral Manager (MM) I/c, Materials Management Wing, Western Coalfields Limited, HQ, Coal Estate, Civil Lines, Nagpur - 440001, Maharashtra" by **Registered Post/AD**.

Any extension / amendments to the BG shall be done following the same procedure as above.

7. Inspection:

a. Pre-despatch Inspection : Pre dispatch inspection shall be carried out by CM(Excv), CIL, Bangalore / representative of GM(Excv) I/C, WCL Hqrs or any other agency appointed by WCL and Final inspection of the consignment shall be carried out at the destination stores, which will be arranged by the consignee on receipt of stores. The equipment must be delivered at Consignee's project within 15 days or earlier from the date of inspection and clearance by CIL's / WCL's representative.

b. Final Inspection: Final inspection shall be carried out at the consignee stores

8. Payment Terms:

A. Equipment and initial spares and consumables for 12 months to be supplied along with equipment: Payment for 80% of the Invoice value (landed value of the equipment including taxes and duties and excluding installation and commissioning charges (if any)) shall be made within 21 days from the date of receipt and acceptance of the materials at the Consignee stores and against acceptance of the Performance Bank Guarantee or submission of bills whichever is later. Payment for Balance 20% payment shall be made after successful completion of erection, testing, commissioning and final acceptance of the equipment (along with the accessories) upon presentation of certificates from Area GM/SO(Excv) of concerned area to the effect that the equipment has been erected and commissioned to their en tire satisfaction and free training imported to the end users & performance testing at the allocated location .

B. Spares and consumables for 2nd to 4th year of operation: Payment for 100% of the invoice value shall be made within 21 days of receipt and acceptance of materials or submission of bills whichever is later.

9. Security Deposit: Exempted being PSU.

10. Consignee & Allocation:- **GSTIN no 27AAACW1578L1ZW** (for areas in Maharashtra State)

Qty	Project allocation	Area	POSTAL ADDRESS OF THE CONSIGNEE
1 no	Gauri (I&II) expn OCM	Ballarpur	The Depot Officer, Regional Stores, Western Coalfields Limited, Ballarpur Area, PO : Sasti, Distt:-Chandrapur (M.S) Pin: - 442 701
2 no	Bhatadi OCM	Chandrapur	The Depot Officer, Regional Stores, Western Coalfields Limited, Chandrapur Area, PO : Durgapur, Distt:-Chandrapur (M.S)-442 403
4 nos	Neeljai	Wani	The Depot Officer, Regional Stores, Western Coalfields Limited, Wani
1 no	Penganga		

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- (i) Pre-receipted and stamped bill for 20% payment.
- (ii) Commissioning Certificate from the respective Area General Manager / Staff Officer (Excv) of area
- (iii) Any other document indicated elsewhere in the order

16. **Force Majeure Clause:** If the execution of the contract/supply order is delayed beyond the period stipulated in the contract/supply order as a result of outbreak of hostilities, declaration of an embargo or blockade, or fire, flood, acts of nature or any other contingency beyond the supplier's control due to act of God then Coal India Limited or its subsidiary companies may allow such additional time by extending the delivery period, as it considers to be justified by the circumstances of the case and its decision shall be final. If and when additional time is granted by the Coal India Limited and its subsidiary companies, the contract/supply order shall be read and understood as if it had contained from its inception the delivery date as extended.

You will advise, in the event of 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 fifteen days of the occurrence and cessation of such Force Majeure conditions.

For delay arising out of Force majeure, supplier will not claim extension in completion date for a period exceeding the period of delay attributed to the cause to the causes of Force Majeure and neither WCL nor the supplier shall be liable to pay extra costs provided it is mutually established that Force Majeure conditions did actually exist.

17. **Price Certificate:** You have to submit the following certificate along with the bills:

"Certified that we have not offered the same products at a price lower than that offered in the present bid in respect of any other ministry/ department of the Govt. of India or a PSU. In case we offer the lower prices for same items under similar terms within the validity of this offer to ministry/department of the Govt. of India or a PSU, we undertake to notify such reduction to the buyer and the same will also be applicable against this offer."

18. **Risk Purchase Clause:** In the event you fail to deliver or dispatch within the stipulated date/period of the supply order or in the event of breach of any of the terms and conditions mentioned in the supply order, Coal India Ltd. or its Subsidiary Companies have the right to purchase the stores from elsewhere after due notice to you at your risk and cost. In the event of your failure as detailed above, the cost as per risk purchase exercise may be recovered from the bills against any other supplies pending in the same Subsidiary Co. and also in any other Subsidiary Companies/CIL.

Risk purchase action may be initiated under any of the following conditions:

- i. When the supplier fails to deliver the materials even after the delivery period is extended on several occasions, on request from the supplier.
- ii. When the supplier fails to respond to purchaser's request for supply of the materials and fails to provide any reason which is considered to be genuine, for the delay in supply.
- iii. When in the judgment of the purchaser the supplier is unable to execute the order due to various reasons.
- iv. When the materials are urgently required and the supplier fails to deliver the materials within the extended/original delivery schedule.
- v. When the supplier breaches any of the terms and conditions of the supply order and as a result fails to execute the order satisfactorily.

19. **Manufacturing certificate:** As the order is being placed on the basis of consideration that you are a manufacturer of the ordered material, you will have to provide a certificate to the following effect on the body of each bill.

"Certified that the items supplied and included in this bill/ invoice are our own make and have been actually manufactured in our works situated at _____ (address of the factory)

20. **Integrity Pact :** Integrity Pact as per format (Annexure E of the NIT) signed and furnished by you along with the offer shall remain valid and applicable for this contract.

The name of the IEM for this tender are:

Dr. (Ms) Nivedita Haran, 23, IFS Vilas, P-6, Builders Area, Greater Noida 201310
Shri A.K. Mohapatra, Qrs no B-5/9, Unit - 9, Bhoi Nagar, Bhubaneswar 751022

21. **Arbitration Clause :** In the event of any dispute or difference relating to the interpretation and application of the provisions of the contracts, such disputes or difference shall be referred by either party for arbitration to the sole arbitrator in the department of Public Enterprises to be nominated by the Secretary to the Government of India in charge of the department of the Public Enterprises. The

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arbitration and conciliation act 1996 shall not be applicable to arbitration under this clause. The award of the arbitrator shall be binding upon the parties to the dispute, provided, however, any party aggrieved by such award may make a further reference for setting aside or revision of the award to the law secretary, Dept. of Legal Affairs, Ministry of Law & Justice, Govt. of India. Upon such reference the dispute shall be decided by the law Secretary or the Special Secretary/ Additional Secretary, when so authorized by the Law Secretary, whose decision shall bind the parties finally and conclusively. The parties to the dispute will share equally the cost of arbitration as intimated by the arbitrator.

22. Price Fall clause: As undertaken by you in your offer that you have not supplied / are not supplying similar product systems or sub systems at a price lower than that ordered price in respect of any other ministry/department of the Govt. of India or a PSU and if it is found at any stage that similar product / Systems/ Sub -systems was supply by you to any other Ministry / Department of the Government of India or a PSU at a lower Price, then that very price with due allowance for elapsed time, will be applicable to the present case and the difference in the cost would be refunded by you to WCL, if the contract has already been concluded, you will furnish the certificate to this effect to the Consignee / Paying Authority along with bills:

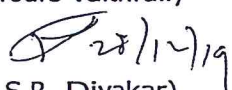
Failure in submission of aforesaid certificate by the contract holder, may result in with holding of the payment of their bills against supply.

23. Jurisdiction of Court: Nagpur only.

Unless otherwise specified above, the purchase order shall also be governed by the terms and conditions given in the General terms and conditions enclosed.

This order is issued with this acceptance. Kindly acknowledge the receipt of this order.


28/12/19
(Dr. Y. Venkata Ramana)
Chief Manager (MM)

Yours faithfully

(K.S.R. Divakar)
Chief Manager (MM)

Enclosures: -

Annexure-A: Scope of supply and Technical specifications

Annexure B: List of Standard, Special Tools and Electronic Diagnostic Tools

Annexure-C: List of SPARES AND CONSUMABLES required for 1st, 2nd, 3rd and 4th year of operation

Annexure-D: Major Bought out items list

Annexure-E: Oil and Lubricant chart

Annexure-F: Erection chart

Annexure-G: General Terms & Conditions


Annexure-H: PBG format

Annexure-I: Maintenance Schedule

Copy to :

1. GM (Excv) HOD, WCL(HQ), Nagpur
2. AGM / SO(Excv)/SO(MM)/AFM/Depot Officer, WCL, Ballarpur/ Chandrapur / Wani / Nagpur / Umrer
3. GM (CP)/ GM (Fin.) I/c -1 / GM (Fin) I/c-II/ GM (P&P) , WCL Hq., Nagpur
4. RD, CMPDIL, RI IV, Nagpur
5. GM (MM), CIL, SECL, MCL, CCL, BCCL, ECL, NCL
6. TS to DT(P&P), WCL, Nagpur
7. Sr. Manager(MM/Admn.), WCL(HQ) – The Landed value of the order is Rs.47,25,82,575.68
8. IEM, Dr. (Ms) Nivedita Haran, 23, IFS Vilas, P-6, Builders Area, Greater Noida 201310
9. IEM, Shri A.K.Mohapatra, Qrs no B-5/9, Unit – 9, Bhoi Nagar, Bhubaneswar 751022
11. GM (Excv), EED, Coal India Ltd., "Coal Bhawan", Premises no 04 MAR, Plot No AF III Action Area 1A, New Town, Rajarhat, Kolkatta 700156, West Bengal
11. Chief Manager (Excv) EED, CIL, Regional Sales Officer, Geeta Mansion, 4th floor, KG Road, Bangalore

This is issued with the approval of Board of Directors in their 318th meeting held on 24.12.2019, whose relevant excerpts from the minutes are circulated by Company Secretary vide WCL/BD/SECTT/BM-318/2019/1190 dt 27.12.2019







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Supply Order no 12000110119204 dt 28.12.2019 for supply of 60T Dumpers; M/s BEML Ltd

Indent details: Indent No. 1480 dated 18.12.2019.

Budget Reference: **Capital budget:** FA/WCL/CAP/BC/HEMM/12/10/34 dated 28.12.2019 for Rs.9330.675 lakhs

Revenue budget:

Year	BC reference	BC Date	Value Rs.-
2021-22	BC/WCL/Rev/GM(Excv)/2021-22/HEMM Spares /9/15/25	28.12.2019	2,34,18,922.00
2022-23	BC/WCL/Rev/GM(Excv)/2022-23/HEMM Spares /9/15/25	28.12.2019	2,36,26,268.00
2023-24	BC/WCL/Rev/GM(Excv)/2023-24/HEMM Spares /9/15/25	28.12.2019	3,68,16,376.00

W. K. Kumar
W. K. Kumar
28/12/19
Chief Manager(MM) P-III

[Signature] 28/12/19
Chief Manager(MM) P- I

Detailed Technical Specifications for 60T Dumper

1. **SCHEDULE OF REQUIREMENT: Dumpers- 60T capacity**, including necessary Spares & Consumables for 48 months from accepted date of commissioning, as per the technical specifications indicated below:

Technical specification of the Equipment:

Introduction: The Technical Specifications are presented in three parts as follows:

A. Scope of Supply

B. General Requirements

- i. Geography and Climatic Conditions
- ii. Goods (Equipment and Machinery)
- iii. Standards
- iv. Supplier's Responsibility
- v. Spare Parts Provisions
- vi. Composite Warranty / Guarantee
- vii. Performance Guarantee
- viii. Quality Assurance

C. Equipment Specifications

2. **Conformity with Specifications**

The Equipment to be supplied shall conform with the requirements defined in these parts. Where stated requirements conflict, the order in which the specifications shall prevail is as follows:

Part A followed by

Part B followed by

Part C

A. Scope of Supply:

A.1 Equipment Package

You are required to provide a complete package of Equipment for the supply of Dumper 60 Ton capacity, Accessories, Spare Parts, Consumables for 4 Years (48 months) operation and Training, Installation, Testing & Commissioning at coal mining projects of WCL, Nagpur.

The purchaser will make available to you, at no cost, at project/site within the site(s) boundaries as may reasonably be required by you for the purposes of erecting the Equipment and for storage of Goods and Supplier's plant, tools etc. pending acceptance.

A.2 Supplementary Items

All sort of Spares for Operational, Maintenance and standby/ contingency, Filters (including standard Engine filters), O-rings/ Gaskets etc, pertaining to all the systems of Equipment and Consumables including Battery, Auto Electricals, excluding TYRES (herein after collectively referred to as "**Spare Parts and Consumables**" unless the context specifies otherwise).

The Consumables for operation shall not include Diesel/ Fuel, Oils, Lubricants (POL) and TYRES.

(I) Following items shall be supplied, along with each Equipment:-

- a. Spare Parts and Consumables, required for initial 12 Months.
 - b. First fill of all Oils, Grease and Lubricants needed for test and commissioning of each equipment.
 - c. A comprehensive tool kit, which shall include necessary special tools required for erection, commissioning and for the maintenance & repair of the Equipment.
- Special Tools for maintenance shall include Accumulator charging kit (if Accumulator is provided), Suspension/ Nitrogen charging kit & Cartridge filter opening tool etc.

(II) Spare Parts & Consumables for 3 years (36 months) operation, out of total 4 years (48 months), in accordance with your recommendations shall be delivered periodically (in minimum three lots, Annually in consultation with the user project), throughout the balance period of 3 years (thirty six Months), of the total Guaranteed period of 4 years (forty eight months) from the accepted date of commissioning.

A.3 Information and Drawings

You shall provide following manuals / documents with EACH Equipment, before commissioning:-

- a. One set of suitably illustrated Operating, Repair and Maintenance Instructions for all the equipment, written in the English language, substantially bound in book form, as well as soft copy (in Pen drive / CD) with Each Equipment.
- b. One set of suitably illustrated, detailed Spares Parts Manuals covering all plant, Equipment and accessories substantially bound in book form; as well as soft copy (in pen drive/ CD), with Each Equipment. ONE Set of Manuals (Hard & soft copies) shall be supplied to the office of GM(Exc)HOD, Excavation deptt WCL(HQ) Nagpur, at the time of supply.

You shall also submit the data identified in the specifications for each item of Equipment. In addition to the Equipment drawings, you shall supply detailed drawings illustrating erection/ assembly site, foundation for such items as drive motors, switch installations etc (where appropriate) and accommodation requirements (if any).

A.4 Erection/Assembly, Commissioning and Performance Testing

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WCL

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