



Balmer Lawrie & Co. Ltd.

(A Government of India Enterprise)

Engineering & Projects

21, Netaji Subhas Road

Kolkata - 700 001

**Design, Manufacture, Supply, Trial Run & Commissioning
of Double Deep Reach Truck for Temperature Controlled
Warehouse at**

IDCO Industrial Estate, Chhattabar, Dist-Khorda, Odisha

TENDER NO: EP/TCW/BHU/MHE/05

Tender Date: 03.09.2019

Due Date: 23.09.2019 , 16:00 Hrs

UNPRICED PART (PART-I)

TENDERER'S CHECKLIST POINTS

Tenderer shall require filling in the table below appropriately:

SI No.	Submission of Document	Bidder's Confirmation/Submission (Yes / No)
1	Earnest Money Deposit	
2	90 days validity of the offer confirmation	
3	Audited Annual Reports (for past three years) or endorsed certificate for Annual Turnover	
4	Copy of Purchase Order and Commissioning report for similar job as per Pre-qualification Criteria	
5	Power of Attorney of the Signatory	
6	PAN	
7	Valid Authorisation letter from manufacturer (applicable for dealers) & Product Catalogue	
8	GSTIN Registration	
9	Valid MSE or NSIC certificate as per tender if applicable	
10	Declaration Regarding Validity Of Quoted Rates of Spares	
11	Declaration regarding availability of spares	
12	Declaration regarding service support	
13	Tender Document (along with addendum if any) duly signed and stamped on all pages	
14	Price quoted strictly as per Tender price schedule	
15	Payment Terms in compliance to tender requirement	
16	Delivery Period in compliance to tender requirement	
17	LD clause in compliance to tender requirement	
18	Warranties and Guarantee in compliance to tender requirement	
19	All others Technical & Commercial Terms & Conditions shall remain unaltered as per Tender document	

Hard copies of the above confirmatory documents must be sent before due date of submission of online tenders

Bidder's Information

Sl no.	Description	Details to be filled up by Bidder
1	Name1 (max. 35 char.)	
2	Name2 (max. 40 char.)	
3	Street/House No. (max. 50 char.)	
4	Street1 (max. 40 char.)	
5	Street2 (max. 40 char.)	
6	PIN Code (Postal Index No. e.g. "700001") (max. 6 char.)	
7	City/Place (e.g. "Kolkata" or "Dehradun") (max. 40 char.) or as the name of the city	
8	Country ("India" or "England" or as the name of country be)	
9	State (Name the state from where the office of Bidder operates)	
10	First Tel. No. (With STD Code): (e.g. 033-22225280 or 022-66552814) (max. 30 char.)	
11	First Fax No. (with STD Code)	
12	Contact Person	
13	First Mobile No.	
14	E-mail Address) (max. 40 char.)	
15	PAN No. :	
16	GSTIN Registration No. :	
17	GSP Name (GST Suvidha Provider)	
18	Bank Name (max. 60 char.)	
19	Street (max. 35 char.)	
20	City (max. 35 char.)	
21	Branch (max. 40 char.)	
22	IFSC Code	
23	MICR Code	
24	Account No.	
25	Type of Account (Current, Savings, etc.)	

LIST OF CONTENT:

UN-PRICED PART (PART I)

1. NOTICE INVITING TENDER
2. CONDITIONS OF CONTRACT
3. TECHNICAL SPECIFICATION
4. TENDER DRAWING

PRICED PART (PART II)

1. SCHEDULE OF WORK

NOTICE INVITING TENDER

Tender No. EP / TCW / BHU / MHE / 05

1.0 Balmer Lawrie & Co. Ltd. invite **ONLINE BIDS** from experienced, competent and resourceful suppliers with sound technical and financial capabilities for Design, Manufacture, Supply, Trial Run & Commissioning of **Double Deep Reach Trucks** for Temperature Controlled Warehouse being set up at IDCO Industrial Estate, Chhatabar, District – Khorda, Odisha.

2.0 **SCOPE OF WORK**

The scope of work under this tender covers Design, Manufacture, Supply, loading, transportation, covering the materials under transit insurance, unloading at site, storage under covered shed, site shifting as required, Trial Run & Commissioning of **Double Deep Reach Trucks** for Temperature Controlled Warehouse as mentioned in notice inviting tender, condition of contract, unpriced BOQ/Schedule of Work, Technical Specification & drawing.

Bidders shall go through the technical specification carefully and consider all the features, accessories mentioned there in their scope before submitting the quote.

Bidders shall note that in the event of non-readiness of cold chambers/anteroom/docking area during delivery of Reach Truck, the equipment will be unloaded at suitable place shown by Owner nearby site location with proper rain-proof covering (with tarpaulin). Later, upon readiness of cold chambers, the equipment shall be lifted from that designated storage place, transported and entered inside the cold chamber by the successful bidder through an overhead sectional door of Size 2.2 M (W) X 5 M (H). All costs related to mentioned handling, storage, transportation within site etc. shall be borne by the successful bidder.

3.0 **DELIVERY PERIOD**

Time is the essence of the contract. The time schedule for supply of the equipment in working condition according to the contract shall be **Seven (07) Calendar Months** from the date of placement of order or LOI whichever is earlier. Trial and Commissioning shall be done within **Two (2) weeks** from the date of invitation by Owner after supply of equipment.

Work Order for Annual Maintenance Contract (AMC) & Spares will be issued later after successful completion of the project.

4.0 **EARNEST MONEY DEPOSIT**

Unpriced Part of the Bid should be accompanied by a Demand Draft or Bank Guarantee of **Rs 54,000.00 (Rupees Fifty Four Thousand Only)** towards Earnest Money Deposit (EMD) executed by any scheduled bank drawn in favour of M/s Balmer Lawrie & Co. Ltd. payable at Kolkata as per format enclosed. EMD submitted by way of Bank Guarantee should be valid for a minimum period of 120 days after the due date of tender submission.

Earnest Money deposit (EMD) is exempted for agencies registered under NSIC or coming under the definition of Micro and Small Industries and holding valid registration certificates covering the tendered items/services. Declaration of Udyog Aadhar Memorandum (UAM) by the MSE parties on Central Public Procurement Portal (CPPP) shall be mandatory. Copy of

valid NSIC certificate or "Micro and Small" industry certificate must be submitted in this regard.

- 4.1 For the successful bidder, the EMD (interest free) will be refunded only after they submit the necessary Security Deposit against the work order placed on them.
- 4.2 For the unsuccessful bidders, the EMD will be refunded only after the successful bidder has accepted the work order and the acknowledgment of the same has been received by the owner.
- 4.3 EMD is liable to forfeiture in the event of:
 - a) Withdrawal of offers during validity period of the offer
 - b) Non acceptance of orders by the bidder within the stipulated time after placement of order.
 - c) Any unilateral revision made by the bidder during the validity period of the offer.
 - d) Non-performance of the bidder during the tenure of work.
 - e) Bidders submitting false/fabricated/bogus documents in support of their credentials

5.0 **PRE-QUALIFICATION CRITERIA**

5.1 **Average Annual Turnover**

Average annual turnover of the tenderer shall be minimum of **Rs 55 Lakhs** during last 3 (three) financial years ending 31st March, 2019. Audited Annual Reports for Last 3 financial years ending 31st March, 2019 shall be submitted in support of that.

If the bidder is not in a position to submit Audited Annual Reports or financial Statements, CEO/CFO/MD of the bidder shall submit a certificate indicating Turnover of the company for last 3 (Three) financial years ending 31st March, 2019 duly endorsed by Chartered Accountant/Statutory Auditor/Certified Public Accountant (not being an employee or a Director or not having any interest in the bidder's firm/company). Such endorsed certificate shall either be submitted in original or duly notarized in case of photocopy.

5.2 **Past experience & other criteria**

- 5.2.1 Tenderer must be Original Equipment Manufacturer (OEM) for indigenous brand or OEM's authorized dealer/agent in India in respect of imported brand of the Equipment for which they are submitting the bid. Copy of Authorization letter/Dealership certificate shall be submitted in case of dealer/agent quoting against this tender.
- 5.2.2 Tenderer should have maintenance team located in and around the project site (i.e. at Kolkata or Bhubaneswar or Visakhapatnam) to attend any break-down or service call from Balmer Lawrie. A declaration indicating the details (as per attached format) shall be provided in this regard.
- 5.2.3 The bidder / OEM whose product is offered by dealer/agent should have designed, manufactured, supplied and commissioned at least 3 nos. of reach trucks in India during last 7 years for cold storage operations.

5.2.4 The tenderer should have successfully Supplied and Commissioned Double Deep Reach Trucks for Cold Storage application of the following minimum values during past seven (7) years ending last day of month previous to the one in which tenders are invited: -

- a) 3 jobs each of value not less than **Rs 43 Lakhs** or
- b) 2 jobs each of value not less than **Rs 54 Lakhs** or
- c) 1 job of value not less than **Rs 86 Lakhs**

Copy of work orders and satisfactory Commissioning reports/completion certificates from the owner or from their consultant should be enclosed as supportive documents. In the event the consultant issued commission on owners' behalf for a particular job, copy of order issued by the owner to the consultant shall also require to be furnished.

5.3 **PAN, GST Registration and Product Catalogue**

Tenderers are required to submit attested photocopies of PAN, GST Registration and Product Catalogue along with Un-priced part of their offer, failing which their offer may be liable to be rejected.

5.4 **Power of Attorney**

The Power of Attorney or authorisation letter or any other document consisting of adequate proof of the ability of the signatory to bind the bidder, in original, when the Power of Attorney or authorisation or any other document is issued relating to the specific tender of Balmer Lawrie & Co. Ltd only. However, a notarized true copy of the 'Power of Attorney' shall also be accepted in lieu of the original, if the Power of Attorney is a general "Power of Attorney". But photocopy of such notarized true copy shall not be accepted.

6.0 **TENDER DOCUMENTS**

Tender Documents comprises two parts viz. Part-I (Un-priced) and Part-II (Priced). The Un-priced Part consists of Notice Inviting Tender, Conditions of Contract, Technical Specification and Drawing. The Priced Part consists of Priced Schedule. Bidders are requested to download the tender document and read all the terms and conditions mentioned in the tender document and seek clarification if any, from **Sk Abu Jafor, Manager, Mob 7893422855, e-mail:jafor.a@balmerlawrie.com**. Any clause defining offline bid submission in the tender document shall not be considered.

7.0 **TENDER SUBMISSION**

The intending tenderers shall be deemed to have visited the site and familiarise themselves thoroughly with the prevailing site conditions before submission of the tender. Non familiarity with the site conditions will not be considered reason either for extra claim or for not carrying out the work in strict conformity with the drawing, specification and time schedule.

The tenderer is required to register on the e-procurement site <https://balmerlawrie.eproc.in> and submit their bids online.

For registration and online bid submission tenderer may contact the following officials at the HELP DESK of M/s C1 India on browsing to the website <https://balmerlawrie.eproc.in> during business hours (10:00 a.m. to 06:30 p.m.) from Monday to Friday (Excluding holidays of the Company):

Dedicated Helpdesk for Balmer Lawrie			
<u>Contact Person</u>	<u>E-Mail ID</u>	<u>Tel. No.</u>	<u>Days</u>
1. Mr. Tirtha Das (Kolkata)	tirtha.das@c1india.com	+91-9163254290	MON - FRI
2. Mr. CH. Mani Sankar (Chennai)	chikkavarapu.manisankar@c1india.com	+91-6374241783	MON - SAT
3. Ms. Ujwala Shimpi (Mumbai)	ujwala.shimpi@c1india.com	+91-22-66865608	MON - FRI
4. Helpdesk Support (Kolkata)	blsupport@c1india.com	+91-8017272644	MON - SAT
Escalation Level 1			
Mr. Tuhin Ghosh	tuhin.ghosh@c1india.com	+91-8981165071	
Escalation Level 2			
Mr. Sandeep Bhandari	sandeep.bhandari@c1india.com	+91-8826814007	
Escalation Level 3			
Mr. Achal Garg	achal.garg@c1india.com		
In case, you are unable to get in touch with any of the Technical Support Associates, kindly drop a mail at blsupport@c1india.com mentioning your Name and Mobile No. One of C1 India's associates will get back shortly.			

The tenderer shall authenticate the bid with his Digital Certificate for submitting the bid electronically on e-procurement platform and the bids not authenticated by digital certificate of the tenderer will not be accepted on the e-procurement platform.

All the tenderers who do not have digital certificates need to obtain Digital Certificate (**with both Signing and Encryption Components**). They may contact help desk of M/s C1 India.

The tenderer shall furnish the original Demand Draft /BG for EMD to the tender inviting authority so as to reach on or before the due date and time of the Tender either personally or through courier or by post and the receipt of the same within the stipulated time shall be the responsibility of tenderer. The Company shall not take any responsibility for any delay or non-receipt. If any of the documents furnished by the tenderer is found to be false/fabricated/bogus, the tenderer is liable for blacklisting, forfeiture of the EMD, cancellation of work and criminal prosecution. The tenderer is requested to get a confirmed acknowledgement from the Tender Inviting Authority as a proof of Hardcopies submission to avoid any discrepancy.

The bidders found defaulting in submission of hard copies of original Demand Draft / BG for EMD and other documents to the Tender Inviting Authority on or before the stipulated time in the Tender will not be permitted to participate in the Tender.

The bidder is requested to read all the terms and conditions mentioned in the tender Document and seek clarification if any from if in doubt.

The bidder should keep track of any Addendum / Corrigendum / Amendment issued by the Tender Inviting Authority on time-to-time basis in Company's website (www.Balmerlawrie.com) and e-procurement site (<https://balmerlawrie.eproc.in>). No separate newspaper advertisement shall be published for such Addendum / Corrigendum / Amendment etc. The Company calling for tenders shall not be responsible for any claims/problems arising out of this.

The tenderer should complete all the processes and steps required for bid submission. The successful bid submission can be ascertained once acknowledgement is given by the system through bid submission number after completing all the process and steps. M/s C1 India is not responsible for incomplete bid submission by users. Tenderers may also note that the incomplete bids will not be saved by the system and are not available for the Tender Inviting Authority for processing.

Neither the Company (Balmer Lawrie & Co. Ltd.) nor the service provider (M/s C1 India) is responsible for any failure or non-submission of bids due to failure of internet or other connectivity problems or reasons thereof.

The hardcopies of the Bid Documents as explained above and also defined in clause no. 2.0 of Condition of Contract under sealed envelope should reach the office of Head (Technical), Balmer Lawrie & Co Ltd, Engineering & Projects Department, 21 Netaji Subhas Road, Kolkata 700001, on or before the due date of submission of tender. The Bidders who are submitting the Bids in person are requested to drop the same in our tender box located at the entrance of 2nd floor at the above address.

8.0 **SUPPLY OF MATERIAL**

All materials required for the work shall be supplied by the Tenderer.

9.0 **TAXES & DUTIES**

All materials required for the work shall be supplied by the Tenderer.

10.0 **TERMS OF PAYMENT**

A) SUPPLY OF REACH TRUCKS ALONG WITH ACCESSORIES

10.1 **30%** of Basic Order value excluding taxes & duties on acceptance of Purchase Order and receipt of Initial Security Deposit from the party. Advanced Bank Guarantee of equivalent value needs to be submitted to claim such payment.

10.2 **50%** of Basic Order value and 100% of all taxes & duties etc. against receipt of Equipment & other items as per the schedule of work at site in good condition.

- 10.3 **10%** of Basic Order value against assembly, successful trial run & commissioning of the Equipment.
- 10.4 **10%** of Basic Supply Value shall be retained as Retention money for the defect liability period which can be paid after completion of successful commissioning of equipment against submission of Bank Guarantee of equivalent amount. Validity of BG shall be till completion of defect liability /warranty period.
- 10.5 **B) SUPPLY OF SPARES**
Payment for spares will made after receipt of spares at site.

C) AMC

- 10.6 AMC charge will be paid on monthly invoices raised after completing the inspection/maintenance calls and submitting the inspection report duly verified by the Operation-in-Charge.

Security Deposit, Liquidated Damage & Performance Guarantee clauses are not applicable for Supply of Spare & AMC.

- 11.0 **NON-CONFORMANCE**
Tenders not conforming to the above mentioned requirements are liable to be rejected.
- 12.0 **VALIDITY OF OFFER**
Tendered shall keep their offer valid for a period of 90 days from the date of opening of Unpriced bid. However, the rates quoted by the bidders for spares should remain valid for at least 3 years from the date of commissioning.
- 13.0 **FIRM PRICE**
The price should be firm and irrevocable and not subject to any change till the completion of Scope of Work.
- 14.0 **TRIAL RUN, TESTING ,COMMISSIONING & TRAINING**
The Trial run, testing and commissioning of the equipment shall be carried out by competent engineers/technicians of the Tenderer at the worksite without any extra cost. During trial run/ commissioning, Tenderer's engineer / technician shall impart necessary training to Owner's personnel in driving and servicing the equipment to the level of clear understanding / adoptions. No separate charge shall be payable by the Owner for the purpose.
- 15.0 **BASIS OF EVALUATION**
Bidders will be selected through evaluation of their Unpriced Bids based on fulfilment of pre-qualification criteria i.e. submission of all required PQ documents and other required documents, EMD/MSE Certificate as per the instructions contained in the tender document. Price Bids will be opened only for the bidders whose Unpriced Bids (Part-I) are found to be acceptable. The amount against each item is also to be filled in. L1 Bidder will be determined

based on total basic amount comprising of all items i.e. A) Supply & Commissioning of Reach Trucks along with other items as per Schedule of Work + B) Spares + C) AMC.

16.0 **RATES AND OTHER ENTRIES**

- (a) The tenderer should quote for all items in the Schedule of Rates. If there is any discrepancy between unit rate and total amount, the unit rate will prevail.
- (b) The rates should be quoted in the same units as mentioned in the tender schedule of quantities.
- (c) All entries in the tender documents should be in ink / type. Corrections if any should be attested by full signature of the tenderer.
- (d) Every page of the tender document including annexure / enclosures shall be stamped and signed by the tenderer or his authorized representative thereby indicating that each and every page has been read and the points noted.

17.0 **RIGHT TO ACCEPT OR REJECT TENDER**

- 17.1 M/s Balmer Lawrie & Co Ltd reserves the right to accept or reject any or every tender without assigning any reason whatsoever / or to negotiate with the tenderer (s) in the manner it considers suitable. In the event of receipt of lowest price from more than one (1) bidders, fresh price bids shall be invited from the lowest bidders only to determine final lowest bidder for placement of order.
- 17.2 Bids of any tenderer may be rejected if a conflict of interest between the bidder and Company (Balmer Lawrie) is detected at any stage.
- 17.3 All the bids will be evaluated based on Pre-qualification and other criteria as mentioned in this NIT. Tenders of those bidders who are not meeting the pre-qualification criteria will not be considered for commercial evaluation.
- 17.4 Tender if submitted through e-mail or fax shall be summarily rejected.
- 17.5 Hard copy of Price Bid should not be submitted in the envelope containing Un-priced documents failing which the bid will be summarily rejected.
- 17.6 **Clarifications /exceptions / deviations to the tender terms & conditions and specifications:** Balmer Lawrie & Co. Ltd. expects Tenderers to confirm compliance to tender terms & conditions and specifications, failing which the Tenderers are liable to be rejected. Hence all Tenderers in their own interest are advised to submit their bids in all respects confirming to all terms & conditions of the bid document.

Bids shall be evaluated based on the information / documents available in the bid. Hence Tenderers are advised to ensure that they submit appropriate and relevant supporting documentation alongwith their proposal in the first instance itself. Bids not complying the requirements of bid documents will be rejected without any further opportunity.

For any Technical clarifications / queries Tenderers are requested to contact from Sk Abu Jafor, Manager, Mob 7893422855, e-mail:jafor.a@balmerlawrie.com. (from 10AM to 6PM, Monday - Friday).

for **Balmer Lawrie & Co. Ltd.**

(A K Basak)
Head (Technical)

CONDITIONS OF CONTRACT

1.0 DEFINITIONS

The following expressions hereunder and elsewhere in the contract documents used shall have the following meanings respectively assigned to them namely,

- 1.1 The "Owner/Client" shall mean M/s **Balmer Lawrie & Co. Ltd**; a company incorporated in India and having its Registered Office at 21, Netaji Subhas Road, Kolkata - 700 001, and shall include its successors and assigns.
- 1.2 The "Project" shall mean "**Design, Manufacture, Supply and Commissioning of Double Deep Reach Trucks" for Temperature Controlled Warehouse being set up at Chhatabar, Dist-Khurda, Odisha**".
- 1.3 The 'Engineer-In-Charge'/'Engineer' shall mean the Engineer /Officer authorized by the 'Owner' for the purpose of the contract for overall Supervision and Co-ordination of site activity and certification of billing.

2.0 DETAILS OF HARD COPIES TO BE SUBMITTED ALONG WITH THE TENDER

The tender, as submitted, shall consist of the following:

- (i) Hard copy of Un-priced Tender Document duly filled in, stamped and signed by the Tenderer as prescribed in different clauses of Tender documents. **No hard copy of priced bid shall be submitted.** Priced bid shall only be submitted online. **The price bid file in pdf format shall be downloaded from the website, bidder to fill in their item-wise rates & amounts on hard copy, stamp, sign, scan and upload the same.**
- (ii) Earnest money amounting to and in the manner specified along with the Un-priced bid.
- (iii) The Power of Attorney or authorisation, or any other document consisting of adequate proof of the ability of the signatory to bind the bidder, in original, when the power of attorney is a special "Power of Attorney" relating to the specific tender of Balmer Lawrie & Co Ltd only. A notarized true copy of the "Power of Attorney" shall also be accepted in lieu of the original, if the power of attorney is a general "Power of Attorney". However, photocopy of such notarized true copy shall not be accepted.
- (iv) Similar supplies done in past Seven years by the tenderer with copy of purchase orders and completion/commissioning certificate from the client/ consultant appointed by the client.
- (v) Audited annual reports for last three financial years ending March 2019.
- (vi) Authorisation Letter. Certificate from OEM in case of dealers, PAN, GST Reg. Certificate and Product Catalogue

- (vii) Any other documents required in terms of this tender.

3.0 SECURITY DEPOSIT

- (i) On acceptance of the Bid, Bidder shall within fifteen (15) days, deposit with Owner an Initial Security Deposit of 5% of the Basic Contract value (i.e. order value excluding taxes and duties) and the same shall be in any of the following form:
 - a) Bank draft drawn on a Kolkata Branch of any Scheduled Bank in favour of Balmer Lawrie & Co Ltd.
 - b) Bank Guarantee executed by any Scheduled Bank as per proforma enclosed and shall be valid at least sixty days after the completion of work.
- (ii) If the Bidder fails to provide the Security Deposit within the period specified, such failure will constitute a breach of the Contract and Owner shall be entitled to award the Work elsewhere at his risk and cost. The EMD of the bidder to whom Contract was awarded, shall be forfeited.
- (iii) No interest shall be payable against Security Deposit.

4.0 LIQUIDATED DAMAGE

- i) If the Supplier is unable to complete the delivery within the period specified in NIT, it may request owner for extension of the time with unconditionally agreeing for payment of LD. Upon receipt of such a request, owner may at its discretion extend the period of delivery and shall recover from the Supplier's running account bill, as an ascertained and agreed Liquidated Damages, a sum equivalent to 0.5% of basic contract value (without taxes and duties) for each week of delay or part thereof. The LD shall be limited to 5% of the basic contract value (without taxes and duties).
- ii) The parties agree that the sum specified above is not a penalty but a genuine pre-estimate of the loss/ damage which will be suffered by the owner on account of delay/ breach on the part of the SUPPLIER and the said amount will be payable to the Owner without proof of actual loss or damage caused by such delay/breach by the Owner.
- (iii) Notwithstanding what is stated in Clause above, the Owner shall have the right to employ any other agency to get the remaining equipment at the risk and cost of the Supplier, in the event of his failing to complete the Supply within the stipulated time or in the even progress of Supplier's work is behind schedule, as judged by the Engineer-in-Charge.
- (iv) Then the Engineer-in-Charge upon receiving necessary approval from competent Authority may in writing make a fair and reasonable extension of delivery time for completion of the Supplies as per provision provided further that the Supplier shall constantly use his best endeavour to the satisfaction of the Engineer-in-Charge to

proceed with the Supplies. Nothing herein shall prejudice the rights of the Supplier under clause herein above.

- (v) The Supplier may seek time extension for delay or anticipated delay for reasons not attributable to them and in such case time extension may be given without imposition of LD.

5.0 FORCE MAJEURE

Any delay in or failure of the performance of either party hereto shall not constitute default hereunder or give rise to any claims for damages, if any, to the extent such delays failure of performance is caused by occurrences such as Acts of God or the public enemy expropriation or confiscation of facilities by Government Authorities, compliance with any order or request of any Governmental Authorities, was fires, floods, riots or illegal strikes.

6.0 REVISION / CHANGES / QUANTITY VARIATION

- (i) Owner may make in writing any revisions or changes in the purchase order, including additions or deletions from the quantities ordered in the specifications or drawings. The Supplier shall carry out such revision / changes and be bound by the same terms and conditions to the extent applicable, though the said revisions/ changes were not incorporated in the initial order.
- (ii) Owner reserves the right to increase or decrease the tendered quantity to any extent or replace specification, drawing, design of any or every item or delete them out at any stage of the work. The Supplier's claim for compensation or damages on account of this shall not be entertained. Such deviation shall be adjusted at the rates contained in the order/ contract or by issuing variation order(s) at the prevailing market rates, if the rates are not available in the order/ contract.

7.0 SUB-LETTING OF WORK

The Supplier shall not sublet or assign this order/ contract or any part thereof without the written permission of the Owner. In the event of the Supplier's sub-letting or assigning this order/ contract or any part thereof without such permission the Owner shall be entitled to cancel the order/ contract and to purchase the equipment / material elsewhere on the Supplier's account and risk and the Supplier shall be liable for any loss or damage which the Owner may sustain in consequence of or arising out of such purchase.

8.0 PACKING AND MARKING

All equipment/ materials shall be suitably packed in weather proof sea worthy, wooden packing for rail or road or other appropriate transport in India. The packing shall be strong and efficient enough to ensure safe preservation up to the final point of destination.

Equipment / materials shall be protected by suitable coat of paint and all bright parts protected from rust by application of rust preventive as may be necessary. All machinery surfaces shall be suitable protected.

A distinct color splash in say red-black around each package / crate / bundle shall be given for identification. In case of bundles the shipping marks shall be embossed on metal or similar tag and wired securely on each end.

For bulk uniform materials when packed in several cases, progressive serial numbers shall be indicated on each case.

All nozzle holes and openings as also all delicate surfaces shall be carefully protected against damage and bad weather. Flange face of nozzle shall be protected by blanks. All manufactured surfaces shall be painted with rust proof paint.

All threaded gaskets shall be greased and provided with plastic cap. All small pieces shall be packed in cases.

The Supplier shall be held liable for all damages or breakage to the goods due to the defective or insufficient packing as well as for corrosion due to insufficient greasing / protection.

On three sides of the packages, the following marks shall appear clearly visible in indelible paint and on Supplier's care and expenses.

FROM:

**TO CONSIGNEE : Kind Attn : Mr Purnendu Das, Manager
Temperature Controlled Warehouse
Balmer Lawrie & Co. Ltd.
Chhatabar, Dist-Khorda, Odisha, India**

ORDER NO. :

REV. NO. :

ITEM :

ITEM NOMENCLATURE

NET WEIGHT : Kgs

GROSS WEIGHT: Kgs

CASE NO. : Of TOTAL CASES

DIMENSIONS:

Note: Marking shall be bold with minimum letter height of 5 Cms

For every order and every shipment, packages must be marked with serial progressive numbering. All packages will bear warning signs on the outside denoting the center of gravity and sling marks. Packages that require special handling and transport should have their

centers of gravity and points at which they may be gripped clearly indicated and marked 'Attention Special Load' 'Handle.

9.0 NOTIFICATION OF DELIVERY OR DESPATCH

Notification of delivery / dispatch on the Purchaser's standard dispatch advice in regard to each and every consignment shall be made to the consignee and to the Purchaser immediately upon dispatch or delivery. The Supplier shall further supply to the Purchaser a priced invoice in quadruplicate and packing account to the consignee of all equipment / material delivered / dispatched. All packages, containers, bundles and loose materials forming part of each and every consignment shall be described fully in the packing account and full details of contents of packages and quantity of materials shall be given to enable the consignee to check the stores on arrival at destination

The Supplier shall not sublet or assign this order/ contract or any part thereof without the written permission of the Owner. In the event of the Supplier's sub-letting or assigning this order/ contract or any part thereof without such permission the Owner shall be entitled to cancel the order/ contract and to purchase the equipment / material elsewhere on the Supplier's account and risk and the Supplier shall be liable for any loss or damage which the Owner may sustain in consequence of or arising out of such purchase.

11.0 LAW GOVERNING THE ORDER/ CONTRACT

This order/ contract shall be governed by the law of India from time to time in force.

12.0 COMMISSIONING / AFTER SALES SERVICE DURING GUARANTEE PERIOD

The Supplier shall be responsible for the successful commissioning of the Equipment. They shall also depute their technical personnel for attending to any defects during Guarantee / Warranty period.

During the period of guarantee the Supplier's representative will visit the plant as required for sorting out any operational problems without any charges.

13.0 PERFORMANCE GUARANTEE & WARRANTY

- (i) Performance Guarantee:
 - a) The supplier shall guarantee that the material of construction and workmanship of work done and any fittings designed / manufactured / supplied by him are as specified in the tender schedule and wherever there is nothing specifically mentioned shall correspond to the best available grade and quality as required for the application.
 - b) The supplier shall also guarantee that the work done and any fittings designed, manufactured, supplied, erected shall be as per prevailing relevant standard, codes and statutory practices / stipulations.

- c) The supplier shall guarantee the work done and any fittings designed, manufactured, supplied, erected and tested by him against defective materials, poor workmanship, improper design, operation inadequacies & problems and failure from normal usage, for a period of 12 (twelve) calendar months after final acceptance of the work by the Owner.

- (ii) Warranty:

The Supplier will repair and/or replace all defective parts, components / fittings, accessories etc. which shall be notified to him in writing within the Defect Liability Period provided that such defective parts, components, fittings, accessories etc. are promptly rectified and replaced by him free of cost. The supplier will provide similar warranty on the parts, components, fittings, accessories etc. repaired and/or replaced.

14.0 ARBITRATION

Any dispute or difference arising under this Contract shall be referred for adjudication at Kolkata to a sole arbitrator to be appointed by the Chairman & Managing Director, Balmer Lawrie & Co. Ltd and the provisions of Arbitration and Conciliation (Amendment) Act, 2015 including any statutory modifications or enactment thereof shall apply to the Arbitration proceedings. The fees of the arbitrator, if any, shall be paid equally by both the parties. The award shall be a speaking award stating reason therefor and is final & binding on the parties. The proceeding shall be conducted in English language and courts at Kolkata will have exclusive jurisdiction to settle any dispute arising out of this contract.

15.0 INSPECTION & TESTING

- (i) The material, design and workmanship shall satisfy the relevant Indian & international Standards, the job specifications contained herein and codes referred to. Where the job specifications stipulate requirements in addition to those contained in the standard codes and specifications, these additional requirements shall also be satisfied. In the absence of any standards/specifications / code(s) of practice for any part of the work covered in this tender, the instructions/directions of Engineer-in-Charge will be binding on the Supplier.
- (ii) The owner reserve the right to inspect the Equipment at Tenderer's works by them or through a third party nominated by the Owner. Tenderer will provide all assistance to Owner's inspector in carrying out such inspection at Tenderer's works free of any charges.

16.0 INSURANCE

The supplier should consider all the costs associated with the Insurance for transit of Reach Trucks from the Factory till the time of installation and commissioning and handing over to BL in all respect.

17.0 LOCATION OF SITE

Project site is located at plot nos. 5 & 13(P) of combined area 1.5acres at Chhatabar, District–Khorda, Odisha inside the premises of IDCO Industrial Estate. It is approximately 1.5KM from Khorda- Chandraka road.

18.0 EXTRA ITEMS OF WORK

During the course of execution of the work, should the Supplier come across items of work which are not covered under the Schedule of Rate or not included therein, the Supplier shall draw the attention of the Owner / Engineer-in-Charge to the same and such items of work shall be treated as extra only with the prior approval of Engineer-in-Charge in writing. Supplier shall submit a quotation along with the rate analysis for approval of EIC for such accepted extra items before he commences work or purchases the materials in connection with such items.

For extra items, rates shall be derived from similar item rates included in the schedule of work. Where there is no such similar item available in the schedule, rate shall be analysed as follows:

Rate for extra item = Cost of material (a) + cost of labour inclusive of all necessary tools, tackles, equipment, machinery and consumable (b) required to carry out the work + 15% of (a+b) towards profit and overhead + taxes, duties etc. as applicable.

BANK GUARANTEE VERIFICATION CHECK LIST

<u>CHECK LIST</u>	<u>YES</u>	<u>NO</u>
I Does bank guarantee compare verbatim with standard Balmer Lawrie & Co Ltd proforma for BG	_____	_____
II. a. Has the executing officer of the BG indicated his name, designation and power of attorney No./ Signing Power No. etc. on BG	_____	_____
b. Is each page of BG duly signed/initialed by the executant and last page is signed with full particulars as required in the Balmer Lawrie's standard proforma of BG and under the seal of the Bank.	_____	_____
c. Does the last page of the BG carry the signature of two witnesses along side the signature of the executing Bank Manager	_____	_____
III. a. Does the non judicial stamp paper for BG purchase in the name of BG issuing Bank	_____	_____
b. Is the BG on non-judicial Stamp paper of value Rs. 100/- (Rupees One Hundred only)	_____	_____
c. Is the date of sale of non-judicial stamp paper shown on the BG and the stamp paper is issued not more than six months prior to date of execution of BG	_____	_____
IV. a. Are the factual details such as bid specifications No., LOI No., Contract price etc. correct	_____	_____
b. Whether over-writing/ cutting, if any on the BG authenticated under signature and seal of executant	_____	_____
V. a. Is the amount of BG in line with contract provisions / agreement /tender	_____	_____
b. Is the validity of BG in line with contract provisions / agreement /tender	_____	_____
VI. Covering letter from bank enclosed with the BG	_____	_____
VII. BG shall be from a Nationalised/ Scheduled Bank only	_____	_____

PROFORMA OF BANK GUARANTEE FOR EARNEST MONEY DEPOSIT

(ON NON-JUDICIAL PAPER OF APPROPRIATE VALUE)

To
 Balmer Lawrie & Co. Ltd.
 21, Netaji Subhas Road
 Kolkata – 700 001

Whereas (Name of the bidder) (hereinafter called "the Bidder") has submitted its bid for the (purpose) (hereinafter called "the Bid") against Tender reference No. dated M/S. BALMER LAWRIE & CO. LTD., 21 Netaji Subhas Road, Kolkata – 700 001.

The conditions of Tender provide that the Bidder shall pay a sum of Rs..... (Rupees only) (hereinafter called "the said amount") as full Earnest Money Deposit in the forms therein mentioned. The forms of payment of Earnest Money Deposit include guarantee to be executed by a Scheduled Bank.

The said (name and address of the Bidder) have approached us and at their request and in consideration of the premises we, (Name of the Bank) having our office at(address of the Bank) have agreed to give such guarantee as herein after mentioned.

Know All Men by these presents, we,(name of the Bank) of(address of the Bank) having our office, inter alia, at (hereinafter called "the Bank") are bound unto BALMER LAWRIE & CO. LTD.....(address) (hereinafter called "the Purchaser") in the sum of Rs. (Rupees only) for which payment will truly be made to the Purchaser, the Bank binds itself, its successors and assigns by these presents this day of

THE CONDITIONS of this obligation are :

- a) If the Bidder withdraws its Bid during the period of bid validity specified by the Bidder on the bid form; or
 - b) If the Bidder, having been notified of the acceptance of its bid by the Purchaser during the period of bid validity;
- 6 fails or refuses to execute the Contract Form if required; or
- 7 fails or refuses to furnish the Performance Security, in accordance with the instructions to Bidders.

We undertake to pay the Purchaser up to the said amount upon receipt of its first written demand, without the Purchaser having to substantiate their demand, provided that in their demand the Purchaser shall mention that the amount claimed by them is due owing to the occurrence of one or both of the two conditions.

This guarantee will remain in force upto (date of expiry) including the days after the period of the bid validity, and any demand in respect thereof should reach the Bank not later than the above date.

Notwithstanding anything contained herein :

- i) Our liability under the Bank Guarantee shall not exceed Rs. (Rupees only)
- ii) This Bank Guarantee shall be valid upto
- iii) We are liable to pay the guaranteed amount or pay part thereof under this Bank Guarantee only if you serve upon us a written claim or demand on or before (last date of validity)

We, (name of the Bank) undertake not to revoke this guarantee during its currency except with your previous consent in writing.

We have power to issue this guarantee in your favour under our Memorandum and Articles of Association and the undersigned has full power to do and execute this Guarantee under the Power of Attorney dated day of granted to him by the Bank.

Your faithfully,

BANK GUARANTEE (PERFORMANCE)

Letter of Guarantee No.

Dated : the day of

THE GUARANTEE is executed at Kolkata on the day of by
.....(set out full name and address of the Bank) (hereinafter referred to as "the Bank" which
expression shall unless expressly executed or repugnant to the context or meaning thereof mean and
include its successors and assigns).

WHEREAS Balmer Lawrie & Co. Ltd. (local address), an existing company
within the meaning of the Companies Act, 1956 and having its Registered Office at 21, Netaji Subhas
Road, Kolkata – 700 001 (hereinafter referred to as "the Company") issued a Tender being No.
dated (hereinafter referred to as "the said Tender") for (set out purpose of the job) and
pursuant thereto Messrs/ Mr. (set out full name and address of the
Supplier) (hereinafter referred to as "the Supplier" which term or expression wherever the context
so requires shall mean and include the partner or partners of the
Supplier for the time being/his/its heirs, executors, administrators, successors and assigns) (delete
which are not applicable) has accepted the said Tender and field its quotation.

AND WHEREAS the quotation of the Supplier had been accepted by the Company and in pursuance
thereof an Order being No..... dated (hereinafter referred to as "the said Order")
has been placed by the Company on the Supplier for (set out purpose of the job).

AND WHEREAS under the terms of the said Order the Supplier is required to furnish the Company at
their/his/its own costs and expenses a Bank Guarantee for Rs.....(Rupees
..... only) as performance guarantee for the fulfilment of the terms and conditions
of the said Tender and to do execute and perform the obligations of the Supplier under the
Agreement dated the day of (hereinafter referred to as "the Agreement ")
entered into by and between the Company of the one part and the Supplier of the other part, the
terms of the said Tender and the terms contained in the said Order which expression shall include all
amendments and/or modifications/or variation thereto.

AND WHEREAS the Supplier had agreed to provide to the Company a Bank Guarantee as security for
the due performance of their/his/its obligations truly and faithfully as hereinbefore mentioned.

Contd....2/-

[2]

NOW THIS GUARANTEE WITNESSETH as follows :

1. In consideration of the aforesaid premises at the request of the Supplier, we (set out the full name of the Bank) the Bankers of the Supplier shall perform fully and faithfully their/his/its contractual obligations under the Agreement dated the day of entered into by and between the Company of the one part and the Supplier of the other part, the terms and conditions of the said Tender and the said Order.
2. We, (set out full name of the Bank) do hereby undertake to pay to the Company without any deduction whatsoever a sum not exceeding Rs..... (Rupees only) without any protest, demur or proof or condition on receipt of a written demand from the Company stating that the amount claimed is due by way of loss and damage caused to or would be caused to or suffered by the Company due to bad workmanship or by reason of breach of any of the terms and conditions of the Agreement, the said Tender and the said Order hereinbefore mentioned.
3. The Guarantee is issued as security against due performance of the obligations of the Supplier or under the Agreement aforesaid and the said Tender and the said Order hereinbefore mentioned and subject to the conditions that our liabilities under this Guarantee is limited to a maximum sum of Rs..... (Rupees only) or the amount of loss or damage suffered or to be suffered by the Company in its opinion at any period of time, whichever is lower.
4. We, (set out full name of the Bank) further agree that the undertaking herein contained shall remain in full force for a period of months from the date of the satisfactory execution of the Contract.
5. This Guarantee shall not be affected by any amendment or change in the Agreement or change in the constitution of the Bank and/or the Company and/or the Supplier.
6. We (set out full name of the Bank) undertake not to revoke this Agreement during its currency except with the previous consent of the Company in writing.
7. All claim under this Guarantee must be presented to us within the time stipulated after which date the Company's claim/right under this Guarantee shall be forfeited and we,(set out full name of the Bank) shall be released and discharged from all liabilities hereunder.

Contd....3/-

[3]

- 8. This instrument shall be returned upon its expiry or settlement of claim(s) if any, thereunder.
- 9. Notwithstanding anything contained hereinbefore our total liabilities under this Guarantee shall not exceed a sum of Rs..... (Rupees only) and unless a demand or claim in writing under this Guarantee reaches us on or before the date of (last date of claim) and if no claim is received by us by that date all rights and claims of the Company under this Guarantee shall be forfeited and we,(set out full name of the Bank) shall be released and discharged of all our liabilities under this Guarantee thereafter.
- 10. We have power to issue this guarantee in your favour under our Memorandum and Articles of Association and the undersigned has full power to execute this Guarantee under Power of Attorney dated the day of granted to him by the Bank.

Place :

Date :

**PROFORMA OF THE GUARANTEE
(SECURITY DEPOSIT)**

Balmer Lawrie & Co. Ltd.
21, Netaji Subhas Road
Kolkata- 700 001

Dear Sir,

That Messrs/Mr.(set out full name and address and constitution of the Supplier) (hereinafter referred to as "the Supplier") filed their/his/its quotation against your Tender being Tender No. dated (hereinafter referred as "the said Tender") for the work (set out the purpose of the job) and in pursuance thereto an Order being No. dated (hereinafter to as "the Order") was issued by you to the Supplier.

The conditions of the said Tender, inter alia, requires that the Supplier shall pay a sum of Rs..... only) as full security deposit (hereinafter referred to as "the security deposit") in the form therein mentioned. The form of payment of security deposit includes a guarantee to be executed by a Scheduled Bank.

The said Messrs/Mr. (set out full name of the Supplier) have/has approached us and at their/his/its request and in consideration of the premises We (set out full name of the Bank) having our office, inter alia at (state the address of the Bank) have agreed to give such guarantee in the manner following :

- 3 We, (set out full name of the Bank), hereby undertake with you if default is made by Messrs/Mr. (set out full name of the Supplier) in performing any of the terms and conditions of the Tender and/or in payment of the security deposit or any other or in payment of money payable to you. We, (set out full name of the Bank) shall merely on demand from you without demur or protest shall pay you the said amount of Rs..... (Rupees only) or such portion thereof not exceeding the said sum as you may demand from time to time.

2. We, (set out full name of the Bank), further agree with you that you hereunder to adopt any mode for realisation of your dues from the Supplier and/or to vary any of the Terms and Conditions of your Contract with the said Messrs/Mr. (set out full name of the Supplier), or to extend time of performance by Supplier from time to time or to postpone for any time or from time to time any of the powers exercisable by you against Supplier and to forbear or enforce any of the terms and conditions relating to the Contract and we, (set out full name of the Bank) shall not be relieved from our liability by reason of any such variation, or any indulgence to be given by you to the Supplier or by any such matter or thing whatsoever which under the law relating to sureties would but for this provision have effect of so releasing us.

Contd.....2/-

[2]

3. Your right to recover the said sum of Rs..... (Rupees only) from us in the manner aforesaid will not be affected or suspended by reason of the fact that any dispute or disputes is/are pending before any Officer, tribunal, court or any other authority or authorities.
4. The guarantee herein contained shall not be determined or affected by liquidation or winding up, dissolution or change of constitution or insolvency of the said Messrs/Mr. (set out the full name of the Supplier), but shall in all respect, and for all purposes be binding and operative until payment of all the money due to you in respect of such liabilities is paid,
5. Our liability under this guarantee is restricted to Rs. (Rupees only).
6. Our guarantee shall remain in force and effect until (set out the date of expiry) and unless a claim or demand in writing is made against us under this guarantee before the expiry of six months from the aforesaid date i.e. (set out last date of Claim period), the said Guarantee all your rights under this guarantee shall be forfeited and we, (set out full name of the Bank) shall be relieved and discharged from all liabilities thereunder.
7. We , (set out full name of the Bank) undertake not to revoke this Guarantee during its currency except with your previous consent in writing.
8. We, (set out full name of the Bank) have power to issue this Guarantee in your favour under our Memorandum and Articles of Association and the undersigned has full power to execute/sign this Guarantee under the Power of the Attorney dated the day of Two Thousand and Nineteen granted by the Bank.

Yours faithfully,

Dated : (Place)

.....(Date)

.....
 (Signature of Officer on
 behalf of)
 (Set out name of the Bank)

DECLARATION

(To be printed in letterhead of bidders and submitted along with Unpriced Bid)

Head (Technical)
Balmer Lawrie & Co. Ltd.
21 N S Road,
Kolkata-1

Tender No : EP/TCW/BHU/MHE/05

Name of Work : Design, Manufacture, Supply, Trial Run & Commissioning of Double Deep Reach Trucks for Temperature Controlled Warehouse at IDCO Industrial Estate, Chhattabar, Dist-Khorda, Odisha.

DECLARATION REGARDING VALIDITY OF QUOTED RATES OF SPARES

I/We hereby confirm that the rates quoted by us for Spares as per Schedule of Work/Price Schedule of the tender are valid for 3 (Three) years from the date of commissioning of the supplied Reach Trucks.

STAMP & SIGNATURE OF TENDERER

Name :

Designation :

Company Name :

Contact No. :

E-mail Id :

DECLARATION

(To be printed in letterhead of bidders and submitted along with Unpriced Bid)

Head (Technical)
Balmer Lawrie & Co. Ltd.
21 N S Road,
Kolkata-1

Tender No : EP/TCW/BHU/MHE/05

Name of Work : Design, Manufacture, Supply, Trial Run & Commissioning of Double Deep Reach Trucks for Temperature Controlled Warehouse at IDCO Industrial Estate, Chhattabar, Dist-Khorda, Odisha.

DECLARATION REGARDING AVAILABILITY OF SPARES

I/We hereby confirm that the Spares of the model of Reach Trucks quoted by us will be available for more than 7 (Seven) years from the date of commissioning of the supplied Reach Trucks.

STAMP & SIGNATURE OF TENDERER

Name :

Designation :

Company Name :

Contact No. :

E-mail Id :

DECLARATION

(To be printed in letterhead of bidders and submitted along with Unpriced Bid)

Head (Technical)**Balmer Lawrie & Co. Ltd.****21 N S Road,****Kolkata-1****Tender No : EP/TCW/BHU/MHE/05**

Name of Work : Design, Manufacture, Supply, Trial Run & Commissioning of Double Deep Reach Trucks for Temperature Controlled Warehouse at IDCO Industrial Estate, Chhattabar, Dist-Khorda, Odisha.

DECLARATION REGARDING SERVICE SUPPRORT (MAINTENANCE TEAM)

I/We hereby like to inform that we have dedicated maintenance team comprising of followings persons located at Kolkata/Bhubaneswar/Visakhapatnam (Strike out which is not applicable).

Sl. No.	Name	Designation	Phone No	Email
1				
2				
3				
4				

We hereby declare that we will attend service calls placed by Balmer Lawrie within 48 hours from the lodging of call/complaint.

Stamp & Signature of Tenderer**Name :****Designation :****Company Name :****Contact No. :**

TECHNICAL SPECIFICATION

A) Design, Manufacture, Supply, Trial Run & Commissioning

OPERATING ENVIRONMENT - Requirement is of Heavy Duty Double Deep Reach Trucks with Pantographic Boom and Lift Frame for handling loaded pallets of size 1.0M x 1.2M, 1.0M x 1.0M etc with pallet loading height of 1.75M (including pallet height of 150 mm). The Reach Truck should be capable of operating in the following climatic conditions

For Frozen Chambers

Temperature	(-) 25 Deg. Cen. to (-) 18 Deg. Cen.
Relative Humidity	No Control in Humidity in Frozen Chambers and it may go upto 90% also.
Dust Particle in Air	Medium Dust Particles

For Ante Room/Docking area

Temperature	(+)6 Deg. Cen. to (+) 10 Deg. Cen.
Relative Humidity	90%
Dust Particle in Air	Medium Dust Particles

The Reach Truck equipment in general and cooling system of engine, air filtration system of engine, seals of hydraulic system and electrical system in particular should be suitably designed to conform to the above operational conditions and also at ambient temperature of 40 Deg C.

Sl. no.	Particulars	Descriptions	Bidder's confirmation (Yes / No)
1	Type of Equipment	Double Deep Reach Truck	
2	Model No.	To be specified by the bidder	
3	Basic Capacity	1.45 T to 2.0 T	
4	De-rated capacity of Reach Truck	Equipment shall be able to lift 1.2T load @600mm load centre upto max. full height i.e. suitable for loading loaded pallet at highest loading level (2 nd deep) at 10.3M height	
5	Reach Mechanism	Double Pantographic Type Fork Extension	

Sl. no.	Particulars	Descriptions	Bidder's confirmation (Yes / No)
6	Lift Height	Min 10.6 M	
7	Application	Temp. range -18 Deg C to -25 Deg C Anteroom & Docking- +6 to +10 Deg C Ambient Dry Chamber-+40 Deg C	
8	Load Centre	To be designed as per racking layout	
9	Closed Mast Height	Not more than 4.6 M	
10	Extended Height	Not more than 12.1 M	
11	Free Lift	3.1 M to 3.6 M	
12	Camera & LCD	Suitable camera with LCD Display to be mounted	
13	Motive Power	Electric AC Traction System	
14	Mast Tilt	3 degree Forward/4 degree Backward	
15	Mast Type	Triplex Design	
16	Operator Type	Should be Sit Down Type with adjustable armrest and foldable seat option that will allow operator to work with the option of Stand, Lean or Seat based on Job demand or as per manufacturer's standard	
17	Tyre Type	Polyurethane	
18	Fork Entry	From 1200mm Side of 1.2M X 1M Pallet	
19	Working Aisle Width	3.3-3.4M	
20	Type of Brakes	Preferably disc brakes	
21	Machine should have in-built features of the followings:		
21.1	Multi task control handle		
21.2	Console light, Hour Meter, Travel Distance and Battery Discharge Indicator		
21.3	Colour coded wiring		
21.4	key switch		
21.5	Emergency power disconnect		

Sl. no.	Particulars	Descriptions	Bidder's confirmation (Yes / No)
21.6	Automatic/Smart Rack Height Selection and tilt position		
21.7	Operator overhead guards, Lights, Load back rest		
21.8	Audible travel alarm(Both direction)		
21.9	Self-diagnosis facility		
21.10	Anti-Slip Control System		
21.11	Integrated Side Shifter Required		
21.12	Wheel turning Indicator		
21.13	Corner Speed Reduction Control		
21.14	Total running Kms/Hours		
21.15	Joy Stick Control		
21.16	Mesh Screen, Mast Guard, Freezer Conditioning for Cold Storage Application		
21.17	Capacity Data Monitor		
22	Mutli Profile Mode	Multi Operational profiles will be incorporated in the reach truck to meet the different operator skills and different skill parameters.	
23	Battery	a) Voltage Level : 36V b) Capacity : 900 Ah c) Make : Exide or approved Equivalent only)	
24	Battery Charger	a) It shall be capable for charging the Traction batteries required to run the Reach trucks. b) Input Supply: 3 Phase, 415 Volt +/- 15%, 50 Hz +/- 10% AC	

		<ul style="list-style-type: none"> c) Output: 36 Volt, 120 Amps d) Type: Microprocessor electronic battery charger (self-compensating type) e) The charger shall have the feature of equilazing mode (for fresh battery) and full charging mode. f) LED indication shall be provided for input phase, charging on, 80% charge, charge over, Equi. On, Ref Mode, Override, D Fault. Display of load current shall be provided. g) The charger shall have 3 phase industrial plug top. 	
25	Battery Transfer Trolley	<ul style="list-style-type: none"> a) Purpose: To be used for unloading traction battery from Reach Truck and transporting to battery room for Charging. b) Length : Minimum 1030 mm c) Width : Minimum 570 mm d) Height from ground: 175mm (till top of bearing bed) e) Roller sizes: Minimum dia 45 mm f) Weight carrying capacity: 1 ton g) Wheels Dimension : 150 dia h) Wheels : Nylon i) Wheel Qty : 4nos j) Adjustable jack both sides for height adjustment. <p>The above mentioned specification is indicative only the transfer trolley shall be compatible with the battery.</p>	
26	The bidder should provide the following additional information		
26.1	· Travel Speed		
26.2	· Lift Speed		
26.3	· Lowering Speed		
26.4	· Reach Speed		
26.5	· Traction Motor		

26.6	· Lift Motor		
26.7	· Battery Voltage		
26.8	· Battery Rating		
26.9	· Running time of fully charged Battery		
26.10	· Turning radius		
27	Tools & Tackles	One set of standard tools & tackles required for maintenance shall be supplied along with reach trucks without any extra cost.	

Note:

Racking Layout is enclosed with this Tender. The bidder shall check compatibility of the above mentioned specification with the clearances, size of openings/doors provided within the Temperature Controlled Warehouse.

B) MINIMUM SPARES REQUIRED FOR OPERATION OF DOUBLE DEEP REACH TRUCK

- 1) Bidders shall indicate the list of minimum spares required for operation along with its Part No. in Unpriced Bid but not limited to the following items:
 - a) Load Wheels,
 - b) Support Wheels,
 - c) Drive Wheel,
 - d) Hose Pipes,
 - e) Camera Unit
 - f) Camera Monitor,
 - g) Wiring Harness/Cable KIT
 - h) Hydraulic Seal kit set (side, Lift, Tilt, reach)
 - i) Contactor Set

Bidders shall include any other spares required besides the above mentioned list. **Bidder shall quote for original spare items same as supplied alongwith the reach trucks. No other local make of spares will be accepted.**

- 2) Bidders shall quote for these spares in Price Bid.
- 3) The above spares will be purchased as and when required, however the rates should be valid for atleast 3 years from the date of commissioning. A declaration shall be provided in this regard as per the attached format along with Unpriced Bid.
- 4) Bidders shall ensure that the spares shall be available for at least 7 years from the date of commissioning. A declaration shall be provided in this regard as per the attached format along with Unpriced Bid.
- 5) Orders for spares will be issued as and when required after commissioning of the reach trucks and 100% Payment will be released after receipt of that particular spare.

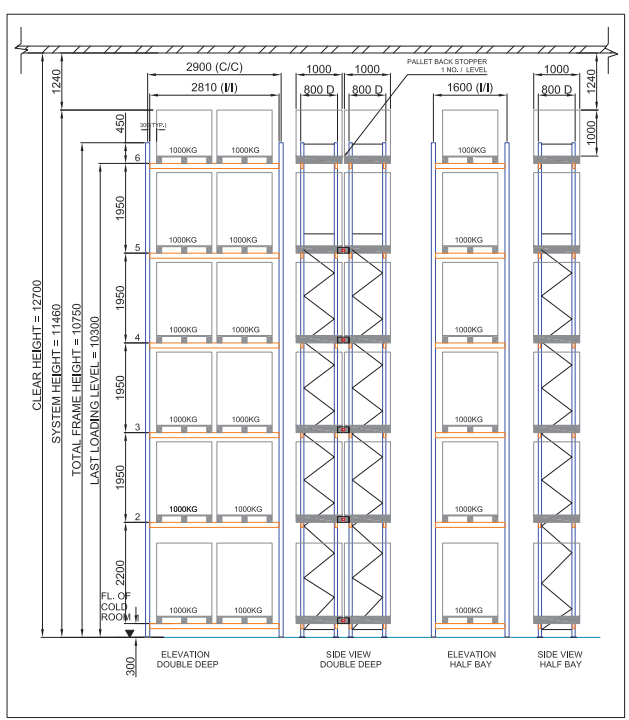
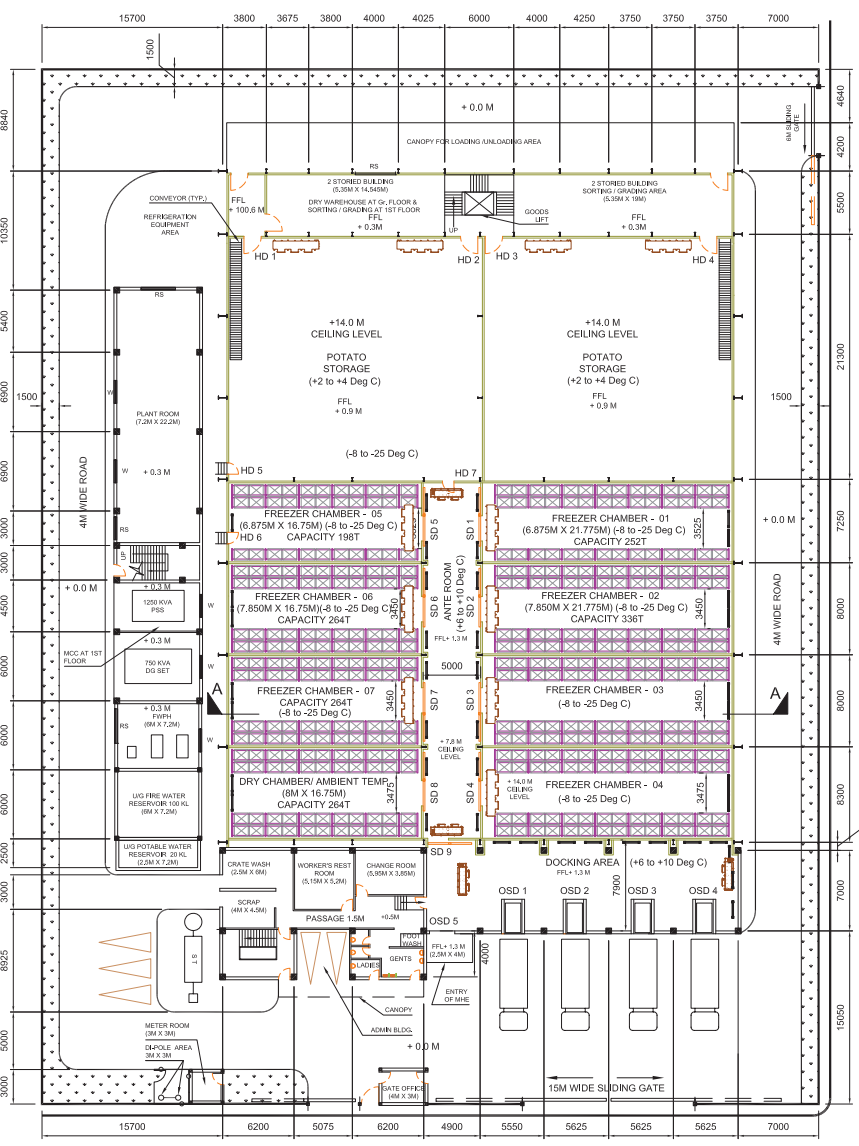
C) ANNUAL MAINTENANCE CONTRACT (AMC)

- 1) Annual Maintenance Contract will be effected after expiry of 1-year warranty/guarantee period. Rectification & maintenance of Reach Trucks (excluding cost of spares and consumables) including manpower, tools tackles etc. required for maintenance shall be quoted as per the Schedule of Work.
- 2) AMC charge will be paid on monthly invoices (i.e. proportionate amount quoted for a year) raised after completing the inspection/maintenance calls and submitting the inspection report duly verified by the Operation-in-Charge. The charges of consumables shall be paid separately.
- 3) The contract firm has to carry out 4 (four) Quarterly Preventive Maintenance Schedules and attend unlimited breakdown calls through specially trained staff.
- 4) The break down calls shall be attended at the earliest or maximum within 2 working day (excluding the day of call booking) to continue uninterrupted operations.

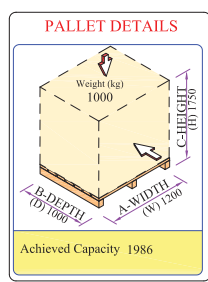
TENDER DRAWING

List of Drawings

Sl.No.	Title	Drawing No.	Rev	Date
1	RACKING LAYOUT OF TCW BHUBANESWAR WITH MHE DETAILS	DRG.NO. EP/TCW/BHUBANESWAR/01	0	21-08-2019



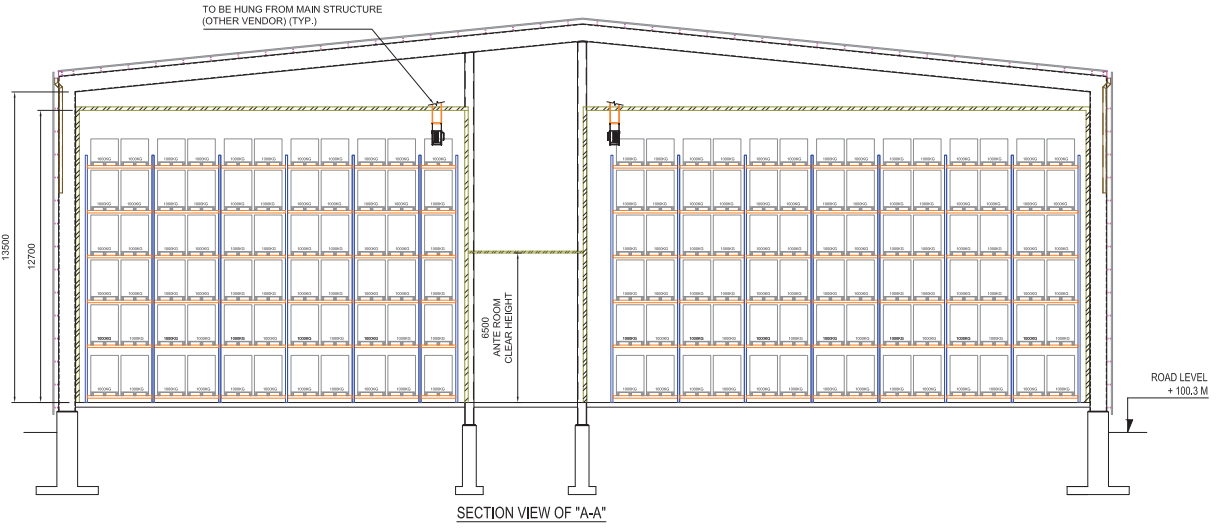
TYPICAL SECTIONAL ELEVATION OF RACKING



- ACCESSORIES**
1. Row Guards- at end of Chamber, Ante room, Docking area.
 2. Upright Guards-in front of every uprights in picking aisle.
 3. Pallet Stopper -in every loading level.

CAPACITY CALCULATION
 PALLET CAP.(G+5) = 1986 T
 DRY WAREHOUSE = 134 SQM

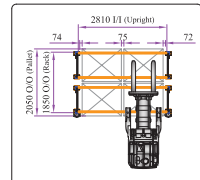
LAYOUT PLAN



MHE DETAILS FOR COLD CHAMBER

SCHEDULE OF OPENING				
DOORS	SIZE (W x H)	THK(MM)	DESCRIPTION	QTY
SD (1-8)	2200 x 4800	120	SLIDING DOORS	08
SD (9)	2200 x 4800	120	SLIDING DOORS	01
OSD (1-4)	2400 x 3000	40	SECTIONAL DOOR	4
OSD (5)	2200 x 5000	40	SECTIONAL DOOR	1
HD (1-4)	1500 x 2600	120	HINGE DOOR	4
HD (5-7)	1000 x 2100	120	HINGE DOOR	3

- SPECIFICATION**
1. DOUBLE DEEP PANTOGRAPHIC TYPE REACH TRUCK
 2. CAPACITY - 1.4 - 2MT
 3. QUANTITY-2 NO
 4. TO LIFT 1000KG LOAD @600MM LOAD CENTRE AT 2ND DEEP AT 10.7 M HEIGHT
 5. LAST LOADING LEVEL : 10.3 M
 6. CLOSE MAST HEIGHT : MAX 4.6 M
 7. MAX LIFT HEIGHT : MIN 10.7 M
 8. AVAILABLE AISLE SPACE : 3.3-3.4 M



TENDER DRAWING

Balmer Lawrie & Co. Ltd.
ENGINEERING & PROJECTS

SCALE : PROJECT : TCW, BHUBANESWAR

DRAWN : KD 21.08.19 OWNER : BALMER LAWRIE & CO. LTD; SBU-LOGISTICS

CHECKED : GCS 21.08.19 TITLE : RACKING LAYOUT OF TCW BHUBANESWAR WITH MHE DETAILS

APPD : GCS 21.08.19

NO.	DATE	REVISION	BY	CHKD.	APPD.

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DWG NO. EP/TCW/BHUBANESWAR/01
SHT 1 OF 1
REV-00



Balmer Lawrie & Co. Ltd.

(A Government of India Enterprise)

Engineering & Projects

21, Netaji Subhas Road

Kolkata - 700 001

**Design, Manufacture, Supply, Trial Run & Commissioning
of Double Deep Reach Trucks for Temperature Controlled
Warehouse**

at

IDCO Industrial Estate, Chhattabar, Dist-Khorda, Odisha

TENDER NO: EP/TCW/BHU/MHE/05

Tender Date: 03.09.2019

PRICED PART (PART-II)

NOTES:

- 1.0 Details of the items under this Schedule shall be read in conjunction with the corresponding Specifications, Drawings and other Tender Documents.
- 2.0 The work shall be carried out as per approved drawings, Specifications and the description of the items in this Schedule and/or Engineer's instructions. Drawings enclosed with these documents are only for providing some preliminary of the work involved.
- 3.0 Items of work provided in this Schedule but not covered in the Specifications shall be executed strictly as per instructions of the Engineer-In-Charge.
- 4.0 Unless specifically mentioned otherwise in the Contract, the Tenderer shall quote for the finished items and shall provide for the complete cost towards power, fuel, tools, tackles, equipment, Constructional Plant, Temporary Work, labour, materials, levies, taxes, transport, layout, re-pairs, rectification, maintenance till handing over, supervisions, colonies, shops, establishments, services, temporary roads, revenue expenses, contingencies, overheads, profits and all incidental items not specifically mentioned but reasonably implied and necessary to complete the work according to the contract.
- 5.0 The Quantities of the various items mentioned in the Schedule of Items are approximate and may vary or may be deleted altogether
- 6.0 Rates shall be quoted both in figures and in words in clear legible writing. No over writing is allowed. All scoring and cancellations should be countersigned by the Tenderer. In case of illegibility, the rates written in word will be considered final. All entries shall be in English language.
- 7.0 Engineer's decision shall be final and binding on the Supplier regarding clarification of items in this Schedule with respect to the other sections of the Contract.
- 8.0 For extra items, rates shall be derived from similar item rates included in the schedule of work. Where there is no such similar item available in the schedule, rate shall be analyzed as follows:
Rate for extra item = Cost of material including transportation for delivery upto site (a) + cost of labour inclusive of all necessary tools, tackles, equipment, machinery and consumable (b) required to carry out the work + 15% of (a+b) towards profit and overhead + taxes, duties etc. as applicable.

PRICED PART (PART-II)
TENDER NOTICE NO: EP / TCW/ BHU / MHE / 05

SCHEDULE OF WORK					
Design, Manufacture, Supply, Trial Run & Commissioning of Double Deep Reach Truck at IDCO Industrial Estate, Chhattabar, Dist-Khorda, Odisha					
Item no.	Item Description	Qty	Unit	Rate (Rs)	Amount (Rs)
A) SUPPLY					
1.0	Design, Manufacture, Supply, loading, transportation, covering the materials under transit insurance, unloading at site, storage under covered shed, site shifting as required, Trial Run & Commissioning of Double Deep Reach Trucks with all required accessories as per the technical specifications furnished in tender document	2	Set		
2.0	Supply, Trial Run & Commissioning of Battery of 36V & 900 Ah (2 nos for MHE & 1 no. Spare) suitable for the equipment (Make : Exide or approved Equivalent only)	3	Nos.		
3.0	Supply, Trial Run & Commissioning of Single Rate Battery Charger suitable for the Battery with all accessories including plug top	2	Nos.		
4.0	Supply of suitable Battery Charger Trolley set for changing the Battery from MHE	3	Nos.		
5.0	Total (Basic price)				
6.0	GST as applicable on item no 1 , 3 & 4 (bidder to indicate %)				
7.0	GST as applicable on Battery item no 2 (Bidder to indicate %)				
8.0	Total [Basic + GST(6+7)] [A]				

**DO NOT QUOTE
HERE**

B. Minimum Spares

Item no.	Item Description	Qty.	Unit	Rate (Rs)	Amount (Rs)
	Bidders shall quote rate for minimum spares required for operation but not limited to the following items:				
1	Load Wheel	4	Nos.		
2	Support Wheel	2	Nos.		
3	Drive Wheel	1	Nos.		
4	Hose Pipe	8	Nos.		
5	Camera Unit	1	Nos.		
6	Camera Monitor	1	Nos.		
7	Wiring Harness/Cable KIT	1	Set		
8	Hydraulic Seal kit set (side, Lift, Tilt, reach),	1	Set		
9	Contactor Set	1	Set		
10	<i>Add if any other spares required</i>				
11					
12					
13	Sub Total of Spares				
14	GST as applicable (bidder to indicate %)				
15	Total for Minimum Spares(Basic+ GST) [B]				

**DO NOT QUOTE
HERE**

**DO NOT QUOTE
HERE**

C) ANNUAL MAINTENANCE CONTRACT (AMC)

Item no.	Item Description	Qty.	Unit	Rate (Rs)	Amount (Rs)
	Annual Maintenance Contract (after expiry of 1-year guarantee period): Rectification & maintenance of 2 (Two) nos double deep reach trucks as mentioned above (excluding cost of spares and consumables) including manpower, tools tackles etc. required for maintenance. The charges to be paid on monthly invoices raised after completing the inspection/maintenance calls and submitting the inspection report duly verified by the Plant-in-Charge. The charges of consumables/spares shall be paid separately.				
1	1st year (total for 2 reach trucks)	1.0	LS		
2	2nd year (total for 2 reach trucks)	1.0	LS		
3	Sub Total				
4	GST as applicable (bidder to indicate %)				
5	Total for AMC (Basic+ GST) [C]				
	GRAND TOTAL [A] + [B] + [C]				

**DO NOT QUOTE
HERE**

**DO NOT QUOTE
HERE**

Grand Total with GST in Words: Rupees

.....**Only**

Note:

- 1) Please fill up, sign, stamp, scan and upload the above mentioned Price Bid in bid common form in e-procurement portal of Balmer Lawrie.
- 2) The quoted rate shall include all costs as mentioned in scope of work including loading, unloading, transit insurance, transportation, safe storage at site, site shifting etc.

Name of the Bidder :
Signature :
Seal of the Company :
Date :