

BalmerLawrie& Co. Ltd. Container Freight Station, **[Navi Mumbai]**

**e-Tender No : BL/CFS/MUM/730 DT. 23/02/2021**



**BALMER LAWRIE & CO. LTD.**

CONTAINER FREIGHT STATION

*[PLOT NO.1, SECTOR-7, DRONAGIRI NODE, NAVI MUMBAI-400707*

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**TENDER NO: BL/CFS/MUM/730 dt 23/02/2021**

**CIN - L15492WB1924GOI004835**

**TECHNICAL / COMMERCIAL BID**

Tender Document for

**[Supply, Installation, Testing & Commissioning of L.T Electrical Equipments  
at Container Freight Station ,Dronagiri, Navi Mumbai ]**

**DUE DATE & TIME: [15/\_03\_/2021 at 17:00 Hrs ]**

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### NOTICE INVITING E-TENDER

On line bids in two bid system are invited from the **reputed and experienced Vendors** who fulfill the eligibility criteria mentioned elsewhere in the tender document under the Heading General Terms & Conditions. for undertaking the subject contract **Supply, Installation, Testing & Commissioning of L T Electrical Equipments at our Container Freight Station,,Dronagiri,Navi Mumbai at Container Freight Station ,Dronagiri,Navi Mumbai**

Tenderers are advised to download Notice Inviting Tender along with other tender documents from the tendering portal <https://balmerlawrie.eproc.in>. The tender has to be submitted online.

The scanned copies of other required documents in support of bidders' credentials are to be uploaded along with the tender documents through the appropriate link.

S · N o	Description	Details	
1	Name of Work	<b>Supply, Installation, Testing &amp; Commissioning of L T Electrical Equipments at Container Freight Station,,Dronagiri,Navi Mumbai</b>	
2	Tender No	BL/CFS/MUM/730 DT.23/02/2021	
3	Validity Of Offer	120 days from the date of opening of the Technical bid	
4	Work Completion Period	90 days from the date of placement of work Order.	
5	Tender Fee	NIL	
6	Bid Security Declaration	<b>Bid security declaration ( This is lieu of EMD till 31.12.2021 in view of the pandemic and slowdown in economy to be submitted duly signed by bidder</b>	
7	Downloading / Submission of Tender :		Downl
	a. Starts on	23/02/2021 at 3.00 pm	
	b. Closes on	15/03/2021 at 5.00 pm	
8	Opening of Tenders	15/03/2021 at 5.30 pm	

### **GeM Declaration**

**Supply, Installation, Testing & Commissioning of L T Electrical Equipments** are not available in GeM.

*Balmer Lawrie & Co Ltd has no objection in providing this information for making available such products/services on GeM .*

## 1. LIST OF DOCUMENTS TO BE UPLOADED

The scanned copies of following documents should also be uploaded at appropriate link in our e tendering system as part of the technical/commercial bid submission.

- a. Power of Attorney authorizing the person who has signed the tender to act and sign on behalf of the company.
- b. Certificate of registration/incorporation in the case of Pvt Ltd/Public Ltd companies/certified copy of partnership deed in the case of LPP/Partnership firm/ any document under the relevant rules/laws if the firm is a proprietorship firm.
- c. Income Tax PAN number
- d. GST Registration number
- e. Chartered accountant's certificate or Audited / Certified Balance sheet and Profit and Loss account of tenderer's company for last three years.

## 2. VERIFICATION OF DOCUMENTS

- a. Tenderers or their authorized representative will be required to come to our office **POSITIVELY** as intimated along with all original documents, scanned copies of which have been submitted with the e-tender towards ascertaining their qualification.
- b. Failure on part of the tenderer to report on specified date and time for proper verification may result in rejection of the tender submitted by them without further communication.
- c. Tenderer should be in a position to produce all the original documents and/or any other information on dates as intimated or as and when required by Balmer Lawrie.
- d. Incomplete Tenders are liable for rejection without any further communication to the tenderer and decision of Balmer Lawrie in this respect will be final.
- e. Any party submitting the false or forged documents may be Black Listed, work order could be cancelled, criminal prosecution or any other action as deemed fit may be initiated.
- f. Balmer Lawrie reserves the right to reject any or all tenders without assigning any reasons whatsoever

## **SPECIAL INSTRUCTIONS TO THE BIDDER FOR PARTICIPATING IN E-TENDER**

Tenderers are advised to download Notice Inviting Tender along with other tender documents from the e-tendering portal <https://balmerlawrie.eproc.in> Interested parties have submit an **Bid security declaration ( This is lieu of EMD till 31.12.2021 in view of the pandemic and slowdown in economy signed by bidder.)**

**MSME Vendor should declare UAM number on CPPP (Central Public Procurement Portal) failing which such bidder will not be able to enjoy benefits as per PP Policy for MSMEs order 2012. EMD amount will also be accepted in the form of Bank Guarantee in the prescribed format of the company**

The physical original instruments/drafts /documents should reach our above address prior to due date and time. In case the Bidders intend to submit any additional supporting documents, the same can be submitted in physical form at our above address. Documents of only those bidders shall be entertained who are bidding on-line. **UNDER NO CIRCUMSTANCES PRICE BID SHALL BE SUBMITTED IN PHYSICAL FORM.**

Balmer Lawrie & Co. Ltd. has developed a secured and user friendly system which enables Vendors/ Bidders to Search, View, Download tenders directly and also, enables them to participate & submit Online Bids on the e-tendering site <https://balmerlawrie.eproc.in> in a secure and transparent manner which maintains confidentiality and security throughout the tender evaluation process.

### **1. Procedure to submit On-line Bids**

For this purpose, Vendors/Bidders are advised to read the instructions available in the homepage of the portal <https://balmerlawrie.eproc.in> where detailed procedure for submission of bids is available under the option / link "*Bidding Manual*".

#### **1.1 Registration with e-procurement platform**

For registration and online bid submission bidders may contact HELP DESK of C1India Pvt., Ltd. details of which is available at our web-site mentioned above or they can register themselves online by logging in to the website through <https://balmerlawrie.eproc.in>

Bidders may contact the following resource persons for any assistance required in this regard.

BI Help desk Details.

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### **1.2 Digital Certificate authentication**

The bidder 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 bidder will not be accepted on the e-procurement platform.

All the bidders who do not have digital certificates need to obtain the same. They may contact help desk of C1 India Pvt. Ltd.

### **02. Special Note**

- Bids can only be submitted before the last date and time of submission as per the date and time mentioned in the e-tender. Resubmission (if required) of bid should be completed within the stipulated date and time. The system time (IST) that will be displayed on e-tendering web page shall be the time and no other time shall be taken into cognizance.
- Bidders are advised in their own interest to ensure that bids are uploaded and submitted successfully in e-tendering system well before the closing date and time of bid.
- Balmer Lawrie does not take any responsibility in case bidder fails to upload the documents within specified time of tender submission.
- Balmer Lawrie will not be responsible for any delay under any circumstances for non-receipt of Tenders/ submission of filled in tender documents by due date & time.
- Bidders are requested to provide correct "e-Mail address" and "Mobile No." for receiving updates related to e-tender from time to time.
- The bidder has to keep track of any changes by viewing the Addendum/Corrigendum issued by the Tender Inviting Authority on time-to-time basis in the e-Procurement platform. The Company calling for tenders shall not be responsible for any claims/problems arising out of this.

### **03. Filling of Tender Documents**

- The tenderers are requested to carefully study all the tender documents and tender conditions before quoting their rates.
- The tender must be strictly in accordance with the terms and conditions and specifications laid out in the tender.
- Any terms and conditions given by the tenderer in their offers will not be binding on Balmer Lawrie.
- The sole proprietor or authorised representative shall sign all documents that need to be uploaded. When the person signing the documents is not the sole proprietor / authorised representative of the company, the Power of Attorney authorizing such person to act and sign on behalf of the company must be scanned and uploaded and produced later on for verification by Balmer Lawrie.

**Note : Bidder has to download the price bid attached herewith in excel format ,fill the relevant details & upload the same in PDF format after sign and stamp.**

## TECHNICAL SPECIFICATIONS

### 1. GENERAL

#### A. STANDARDS & REGULATIONS:

- i. The design, manufacture and installation of all electrical equipment shall conform but not limited to applicable codes, rules, regulations and standards published by the following bodies.

ISI : Indian Standard Institution.

IER : Indian Electricity Rules.

IEC : International Electro technical code.

- ii. All equipment shall be installed in accordance with the requirements of Indian Electricity Rules, Maharashtra State Electricity Rules.
- iii. Care shall be taken so that materials and equipment will be standard catalog products of manufacturers regularly engaged in the manufacture of such products and will be of the latest standard design conforming to specification requirements. Design shall also be based on similar types of electrical equipment supplied from one manufacturer, utilising interchangeable parts wherever practicable.

#### B. INSPECTION AND TESTING:

The Employer / Engineer-in-charge or his Representative shall inspect the materials to be supplied under this contract and workmanship as when and where it seems to him most expedient and to this end the Employer /Engineer or his representative shall have access at all times to the work and to all places where materials are stored or being transported. Major components of the project e.g. Electrical Panels , will be inspected by the Balmer Lawrie & Co. Ltd.'s officer or Third party appointed by Balmer Lawrie for Inspection ,at the Manufacturer's works. The Contractor shall provide the Employer / Engineer or his representative with any labour and facilities required to carry out such inspection.

- i. The Contractor shall notify the Engineer-in-charge the dates on which item of standard manufacture will be available for inspection and / or ready for dispatch. The Contractor shall allow reasonable time for the Engineer to make arrangements for inspection or give permission for dispatch as the case may be.
- ii. Besides the tests called for under the clause herein, the Engineer in charge shall have authority to order independent tests on any material to be carried out as he deem fit at the Contractor's expense.
- iii. Notwithstanding the fact that equipment has passed the inspection carried out during the stage of manufacturer, the Contractor is not relieved from his obligations to conform to the quality, workmanship, guarantee of performance etc. as per the relevant terms of the Contract.
- iv. Any defective material, equipment or workmanship which may come to the notice of the Engineer in charge or his Representative after installation shall be liable for rejection and the Contractor shall have to replace such materials, equipment, etc. or rectify the defects at his own Cost.
- v. The Engineer-in-charge or his Representative will conduct from time to time such tests as may be required to any part of the equipment to determine if it is installed in accordance with facilities to this end and shall furnish skilled and / or unskilled help as required. All tests shall be witnessed by the Engineer-in-charge or his Representative and three (03) copies of the verified test results be given to the Engineer-in-charge on completion of a tests. After installation, all circuits and equipment shall be tested by the Contractor for grounds, short circuits and proper operation.

### C. ELECTRICAL TESTS AT SITE

Before any electrical system is put to use, the Contractor shall carry out the following tests at site in the presence of and to the satisfaction of the Engineer-in-charge.

- i. Insulation Resistance test on Cables, and panels.
- ii. Test for earth continuity and earthing resistance of electrodes.

A log of all such tests shall be kept and shall be got certified by the Engineer-in-charge before energizing of any equipment. The Contractor shall arrange for a responsible representative and competent Engineer to be present throughout the tests. All materials and equipment which fail in the tests shall be replaced at once by the Contractor without any extra Cost, and the test shall be repeated on the new equipment. All instruments and tools required for tests shall be provided by the Contractor at free of Cost.

### D. MATERIALS AND SUBSTITUTION

- i. All items not specifically mentioned herein, but which are obviously necessary to make a complete working installation within the scope of the work, shall be provided, including any necessary field Engineering and / or detailed drawings required.
- ii. It shall be the Contractor's responsibility to schedule, co-ordinate his work in order to avoid undue interference congestion and delays in construction.
- iii. All equipment and materials shall be of the best quality and most suitable for the conditions of climate and area classification. These shall be such that they shall withstand without damage, any conditions arising from short-circuit and switching operations and sudden variations of load and voltage as may be met with under normal working conditions.
- iv. Tenderer shall take note of the approved equipment manufacturer. The supply shall confirm to the same.

## 2. TECHNICAL SPECIFICATIONS:

### 2.1 CABLES

- a. All cables shall be supplied, inspected, laid, tested & commissioned in accordance with drawings, specifications, relevant standards, in line with cable manufacturer's instructions & specifications. All the cables shall be of Polycab /Havells /Finolex /KEI make only.
- b. The LT cable shall be of XLPE insulated, Aluminum conductor, Stranded, Sector shaped, Cores Insulation wrapped up with extruded PVC inner sheath, extruded ST2 PVC outer sheath blue in color , GI steel Armoured cable of 1.1 KV grade of with relevant ISI Standard (IS-7098-Part-1) etc. as per tender BOQ specifications.
- c. Cables supplied as per BOQ , 1.1 KV Grade, PVC insulated, FRLS, PVC sheathed stranded Copper Conductor Armoured cable.
- d. All cables shall be inspected upon receipt at site and checked for any damage during transport. The Contractor shall furnish **Manufacture's Test Certificate** along with delivery challan at the time of material delivery at sites.
- e. The Contractor shall take care to see that all cables received at site are apportioned to various locations in such a manner as where joints are unavoidable. The locations of such joints shall be approved by Engineer In- Charge.
- f. Cable joints shall be carried out by 3 M Electrical / Raychem make heat shrinkable jointing kits of appropriate size, suitable for PVC/XLPE insulated armoured cables of specified voltage rating.



## 2..2 LOAD BALANCING:

Balancing of circuits of three-phase installation shall be planned before the commencement of cabling and shall be strictly adhered to. Cable schedule shall be prepared in advance.

## 2..3 COLOUR CODE OF CONDUCTORS:

Colour code shall be maintained for the entire wiring installation: red, yellow and blue for three phases, black for neutral & green for Earthing

## 2..4 CABLE LAYING:

- a. Cable Trench of suitable depth and width shall be excavated in hard murum / asphalt road, / hard rock as the case maybe. In case of LT cable, trench shall be 70 cm deep and of suitable width so that laying of DWC pipe and cable shall be possible. DWC pipe shall be laid in the trench and cable shall be laid through DWC pipe. After completing the cable laying work, the trench shall be backfilled and surface shall be made as original to maximum possible.
- b. Inside Warehouse, the cable trays as mentioned in the Price Schedule shall be installed for laying of cable. The cables shall be fixed on cable trays with clamps / cable ties of proper sizes. Necessary scaffolding shall be erected for safe installation of the cable trays and laying of cable.
- c. Cable shall be laid by skilled & experienced workmen using adequate rollers to minimize stretching of cables. As indicated in the cable route drawing, Lugs for termination of cables for all the masts, cable glands wherever required shall be supplied and installed by contractor as per site requirement.
- d. Tests shall be conducted for insulation between phases and between phase & earth for each length of cable before and after laying

## 2..5 INDOOR PANELS:

- a. in door, floor mounted/pedestal type, cubical, compartmentalized self-supported front and rear openable, hinged type with locking arrangement suitable ventilations on both sides with wire mesh, IP-23 protection with dust and vermin proof etc. fabricated at of 2 mm / 1.6mm CRCA sheet & Gland Plate will be 3mm. Top Cable Entrée , duly powder coated with 7 tank chemical process, mounted/fixed on and including base frame 75mm height from FFL, fabricated out of 75mm X 40mmX 4mm thick MS Channel duly period with black enamel synthetic paint over a red oxide primer control wiring copper stranded PVC insulated FRLS cables not less than 1.5 sqmm, suitable size/capacity of copper strips 100A & Above for switch gear connection form main bus bar, earth bus strip of 32x6 mm size for entire length of panel including and accommodating the followings:.  
Make of Panels 1)Marine Electricals (I) Pvt. Ltd, Goa 2)D.B. Ectricals Pvt. Ltd.3)Abak Electrofab Engineering Pvt Ltd

## b. OUTDOOR PANELS

Floor mounted/pedestal type cubical self-supported front and rear operable, double door hinged type with locking arrangement, Display window with clear glass for metering Section and , slopping top canopy suitable ventilations on both sides with wire mesh, IP-65 protection with dust and verm proof fabricated out of 3 mm CRCA sheet, Bottom Cable Entrée duly powder coated with 7 tank chemical process, mounted/ fixed on and including ,MS angles iron tand/frame 50cm height from FFL fabricated out

of 50x50x5 mm thick ms angle duly painted with black enamel synthetic paint over a red oxide primer control wiring copper stranded PVC insulated FRLS cables not less than 1.5 sqmm, suitable size/capacity of copper strips Copper strips 100A & Above for switch gear connection from main bus bar, earth bus strip of 32x6 mm size for entire length of panel and accommodating the followings:- Make of Panels 1)Marine Electricals (I) Pvt. Ltd, Goa 2)D.B. Ectricals Pvt. Ltd.3)Abak Electrofab Engineering Pvt Ltd

**C: MCB DBS**

Distribution Boards complete with MCBs/Isolators/ Bus bars and interconnections. All wire connection with copper lug with numbering ferol . No fabricated DBs shall be allowed. Only DBs of specified makes as per list of materials shall be used all MCB 10 kA. (All DB will have MCB numbering, DB chart, DB number), DB should be fixed with Anchor fastener to wall . Proper earthing should be provided to DB body.Make - Legrand/Schneide

D:- **CABLE TRAY** Hot Deep Galvanized Perforated type cable Trays 2 mm thick (tolerance +/- 5%) , G I Coating 48 /60 Microns . Fixed to the ceiling/ wall with suitable size of GI clamp, appropriate dia threaded rod & 35mmx2mm thick GI slotted 'C' / Z channel Patti

**E:- M S FEBRICATION**

Fabrication in various sizes, M S Angle, Channel, Flat , etc . Fabrication as per site requirement. Support fixing with a 10mm anchor fastener, Nut -Bolt Washer suitable for Bricks / Concrete. The rate shall include the cost for painting with 2 Coats of enameled / metal applied after rust treatment of one coat of zinc chromate primer. The colour of the paint shall be as approved by BLC .for Cable tray Panel , MCB DBs Supports

**2.6 WORK NOT SPECIFIED**

The workmanship of works not herein fully specified shall be carried out as per relevant IS specifications and in absence thereof shall be as per the best standard practice and as approved by the Engineer-In-Charge.

Schedule of Quantities also termed Bill of Quantities for individual items of work are drawn up in line with the relevant specification of LED Luminaries. Specifications of LED Luminaries shall be as under:

**2.7.** Point wiring through 20/25 mm PVC FRLS Conduit / Casing Caping (only Admin Staircase) with all required accessories with 2 Nos of 1.5 sqmm & 1 no of 1.5 sqmm for earth PVC insulated Copper FRLS wires with Modular type switches, Ceiling rose / Holder fix in point , complete with all accessories as detailed in the specifications.The switch boxes & Vertical Conduit recessed i/c Wall cutting & refinish same.

- a) Primary light points (Switch control)
- b) Secondary light points Secondary light points

**2.8 MISCELLANIES ITEMS**

Dismantling & Relaying of Low Voltage cable Like Data, CCTV , Net, Etc. This cabling allredi laying in conduit but now same wire without disconnecting , relaying in existing laying Cable tray / PVC Trunking approximate Quantity 3000 to 3200 mtr. This work coordinates with Balmer Lawrie IT Engineer

## 2.9 DISMENTAL & CREDIT TO BALMER LAWRIE

Dismantle Old /Defective /Unwanted material taken to contractor & given credit to M/S Balmer Lawrie & Co.. after dismantle Balmer Lawrie issue permission / Gate pass for material transportation **(Contractor to quote credit rate -consider dismantle Charges & Scrap value consider )**

Sub Panel Admin Building	1no
Sub Panel Work Shop	1no
High Mast Panel	4no
Hazardous Warehouse DB	1no
LCL Warehouse DB	2no
All size Cable	Lot
Wire , Switches , Sockets, Conduits ,light fixture ,Earthing Material, any unused electrical / Hardware material .	Lot

## SCOPE OF WORK

### SCOPE OF WORK:

1. The scope of work and tentative PRICE SCHEDULE QUANTITY shall be read with the Drawings, Condition of Contract, Technical Specifications and the Tenderer shall be deemed to have examined the Drawings, Condition of Contract, Technical Specifications and to have acquainted himself with the work to be done and the way in which they are to be carried out.
2. The detailed description of Work and materials, given in the Technical Specifications are not necessarily repeated in the Price Schedule.
3. The Technical Specifications are intended to cover the supply of material and the execution of all works to complete the entire project works.
4. The quantities given in the price schedule, are indicative only and given to provide a common basis for tendering. However the payment will be made as per actual executed quantities only and as measured by the Engineer in-charge and valued at the rates & prices indicated in the work order.
5. Contractor's Engineer / Supervisor responsible for execution of Works shall have valid Supervisory Electrical license issued by PWD.
6. Contractor shall execute his works with adequate coordination with other contractors working in the area during civil construction & commissioning.
7. 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 (a) + cost of labour (b) inclusive of all necessary tools, tackles, equipment, machinery and consumable required to carry out the work + 15% of (a+ b) towards profit and overhead.

- a. **Quantity variation: The quantities of the various items mentioned in the rate schedule are approximate and may vary up to plus or minus 10% within overall work order value.**

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## GENERAL TERMS AND CONDITIONS

### 01. Eligibility Criteria For Techno-Commercial Bid

- a) Submission of bid security declaration as per format attached.
- b) The tenderer/bidder should have successfully completed similar electrical work of following values during last seven year as on 31.03.2020 .
  - i ) 3 jobs each of value not less than 36.00 lakhs
  - ii) 2 jobs each of value not less than 45 lakhs
  - iii) 1 job of value not less than 72 lakhs

Copy of work orders and completion certificates from reputed clients should be enclosed as supportive documents. The completion certificate should include following

Details :-

1. Work order reference along with completion certificate clearly specifying the job.
2. Total amount of work in ₹ completed against work order.
3. Date of completion/ Duration.
4. Name of agency executed.

The completion date of the work orders with executing similar works shall be deciding factor to conclude whether the job has been executed in the qualifying period or not. The value of final executed work shall only be considered while evaluating the individual work order value.

5.TDS certificate generated from TRACES and Bank account statement(s) showing the payment received in respect of work orders submitted against Pre-Qualification criteria is to be submitted by the bidders, if it is demanded by Balmer Lawrie. The said documents must be for the work executed between the periods indicated there only.

6.Bidders are required to ensure that the value of completed job indicated by them is exclusive of Service Tax/Goods and Services tax. Accordingly, the completion certificate submitted by the bidder shall separately indicate the service tax/Goods and Services tax amount included in the value of completed job OR a separate certificate from the respective client, mentioning the service tax/Goods and Services tax amount, if any, included in the value of completed job under consideration should be submitted by the bidder.

In case Service Tax/Goods and Services tax amount/ component is not specified in the submitted completion certificate, then the amount equivalent to rate of applicable service tax/Goods and Services tax for the subject tender shall be deducted from the value of completed job mentioned in the completion certificate to arrive at the value of the completed job without service tax.

- c. Bidder should have minimum Average Financial Turnover of Rs. 65.00 lakhs per year during the (2016-2017, 2017-2018, and 2018-2019) financial years (Copies of audited financial statements should be submitted )
- d. Bidder shall have valid electrical contractor's license. Copy of the same is to be submitted
- e) Bidder should not have been blacklisted by any PSU /Govt. Department (a self-certification is required)
- f). Bidder should submit Integrity Pact in prescribed format attached herewith in tender document

## 2. Submission of Online Bids

The bids should be submitted in 2[two] separate parts titled as

- A) Technical / Commercial Bid [Unpriced] and
- B) Price Bid, only the rates are to be submitted as per given format.

The entire bid is to have digital signature of the person having Power of Attorney/Power of Authority to sign on behalf of the Bidder.

## 3. Tender Opening

[A] Unpriced [Technical-Commercial] Bid Opening

Technical / Commercial Bids will be opened online as per the Tender Calendar.

[B] Price Bid Opening

**Price bid will be opened for those bidders who qualify in Technical/ Commercial Bids, the opening of the price bid will be online only**

## 4. Acceptance of offers

- Balmer Lawrie reserves the right to accept any tender in whole or in part or reject any tender or all tenders or place order for any quantity, less than or more than the tendered quantity, without assigning any reason thereof.
- Bids of any tenderer may be rejected if a conflict of interest is detected between the bidders and Balmer Lawrie at any stage.
- Balmer Lawrie would like to place order for all the items of work as mentioned in the Price bid to a single contractor. The overall L1 status will be determined by looking at the total value quoted by the bidder based on the estimate quantity against a line item as given in the tender document multiplied by the rate quoted by the bidder.
- Balmer Lawrie also reserves its right to allow Public Enterprises (Central / State) price / purchase / contract / service preference as admissible under the existing Government policy. The decision of Balmer Lawrie in this connection will be final.
- Incomplete tenders, conditional tenders, tenders received late or tender not conforming to the terms and conditions mentioned in the Tender documents will be rejected.
- Bids from the tenderer of same business will not be considered to avoid the conflict of interest.

## 5. Negotiations

- Balmer Lawrie reserves the right to negotiate with the Tenderer. Tenderer will have to attend the concerned office of Balmer Lawrie for negotiations/clarifications required from them, in respect of their quotations, without any commitment on the part of Balmer Lawrie.
- In case of negotiation, the Tenderer should send the confirmation of outcome of such negotiation in writing so as to reach the concerned office of Balmer Lawrie within 3 days from the date of negotiation/ the time stipulated whichever is earlier. If the Tenderer fails to comply with this requirement Balmer Lawrie reserves its right to ignore their quotation at its discretion and proceed to finalise the tender.

## 6.Price Variation

- The price should be firm and irrevocable and not subject to any change whatsoever even due to increase in cost of materials, components and labour cost till the validity of the contract period.
- The quoted rates shall be valid for acceptance for a period of minimum 120 days from the date of opening the Technical Bid.

## 7.Site Visit

The Tenderer, at the Tenderer's own cost/responsibility is advised to visit and examine the Site of Work and its surroundings and obtain all information that may be necessary for preparing the Tender for entering into a contract, for construction of the work

## 8.Notification of Award

Prior to the expiration of the period of Bid validity, BL will place purchase order or letter of intent on the successful bidder(s).

## 9.Power

Power for general lighting required for the work shall be provided by the company.

## 10. Completion Period

The entire work shall be completed within **90 days** from the date of issue of LOI/WO. The work will be required to be carried out in phased manner as per site requirement and instruction that will be issued from time to time.

## 11.Payment Terms

Payment of **25 %** of work order value of **material value + GST** shall be released after receipt of materials at our site.

Payment of **75%** of the work order value shall be released within fifteen days from the date of completion of job in all respects and after submission of bill duly certified by our engineer-in-charge accompanied by satisfactory completion certificate issued by our engineer-in-charge.

**12. TDS Compliance :Central Government vide Notification No.50/2018 dated 13th September 2018, has made TDS provision applicable under GST Law on all payments affected by Public Sector Undertaking (PSU)**

**w.e.f 1st October 2018.**

**BALMER LAWRIE being a PSU these provisions will be applicable for all the payments made by BALMERLAWRIE on or after 1st October 2018. TDS shall be deducted @ 2% of taxable value excluding GST.**

**TDS deducted from your payments will be deposited with GST authorities by 10th of the following month and TDS certificates will be issued subsequently.**

**Kindly note that this TDS under GST Act shall be deducted on both material as well as services.**

*Further this TDS under GST Act is in addition to the TDS as applicable under Income Tax Act, 1961.*

**13. Security Deposit :** The successful bidder shall be required to submit within 10 days of issue of LOI/PO whichever is earlier, security deposit of 3 % of the contract value by Demand draft / BG as per our format. No interest will be payable on security deposit. Failure to submit security deposit shall entitle Balmer Lawrie to reserve the right to cancel the order without recourse to the bidder and forfeit the EMD. The SD shall be refunded after one year after completion of the job in all respects. . In the event of breach of contract, the SD is liable for forfeiture.

#### **14. Liquidated Damage**

- (i) If the contractor is unable to complete the jobs specified in the scope of work within the period specified in the NIT, He may request the owner for extension of time with unconditionally agreeing for payment of LD. Upon receipt of such a request, owner may at its discretion extend the period of completion and shall recover from the contractor, as an ascertained and agreed Liquidated Damages, a sum of 0.5% of contract value for each week of delay or part thereof subject to a maximum of 10% of contract value.

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 contractor and the said amount will be payable without proof of actual loss or damage carried by such delay / breach.

- (ii) Notwithstanding what is stated in Clause above, the Owner shall have the right to employ any other agency to complete the remaining work at the risk and cost of the Contractor, in the event of his failing to complete the work within the stipulated time.

#### **15. Performance Guarantee & Warranty**

The Contractor will repair and/or replace all defective parts, components / fittings, accessories etc. which are notified to him in writing within the Defect Liability Period of one year. Such defective parts, components, fittings, accessories etc. should be promptly rectified and replaced by him free of cost. The contractor will provide similar warranty on the parts, components, fittings, accessories etc. repaired and/or rejected. The defect liability period will be for one year after completion of job.

#### **16. PF/Other Statutory obligations**

The Contractor would be required to ensure adherence to all statutory obligations related to their employees who would be working inside Balmer Lawrie premises. On award of the contract, the bidder shall ensure compliance with all relevant statutory provisions under the relevant labour laws which are as given below:

- a) The Contract Labour (Regulation & Abolition) Act 1970
- b) The Employees Provident Funds and Miscellaneous Provisions Act 1952
- c) The Minimum Wages Act 1948
- d) The Workmen Compensation Act 1923

and other applicable labour enactment and as amended from time to time in respect of the personnel deployed by bidder at the Company's premises. No claims from the workmen of the contractor will be entertained by the company at any point of time.

The personnel deployed in the Company's premises by the Contractor shall be fully qualified in all respects to carry out the activities for which he/she has been deployed.



## 17.Sub-letting of Work

No part of the contract or any share or interest therein shall in any manner or degree be transferred, assigned or sublet by the contractor directly or indirectly to any person, firm or corporation without the consent in writing from Balmer Lawrie. In the event of contractor contravening the conditions, Balmer Lawrie shall be entitled to get the work done from any other firm at the 'Risk & Cost' of the contractor.

## 18..Indemnity

The contractor shall indemnify the Company from all liabilities and responsibilities of all personnel to be employed by the contractor at Company's premises including their necessary licence/permission etc. from competent authorities. The Company shall have no liability whatsoever concerning the persons deployed by the Contractor for the purpose. The Contractor shall keep the Company indemnified against all losses or damages of liability arising out of or imposed in due course of employment of its personnel by them during the entire run of the contract. In case the personnel deployed by the Contractor resort to any litigation in any court for any reason or raise an Industrial Dispute, the Contractor shall be solely responsible towards the verdict of the court, at its own cost. The Contractor is liable for expenses, losses and damages, if any, due to his employees, any claim or suit or any such proceedings against BL and BL is entitled to deduct the sum from the pending or future bills of the Contractor. **Indemnity Bond (Annexure-3) to be given by the successful bidder at the time of awarding of contract.**

## 19.Force Majeure Conditions:

Delivery schedule is subject to force majeure conditions as under: If at any time during the continuance of this contract, the performance in whole or part by either party of any obligation under this contract shall be prevented or delayed by reasons of any war, hostility, acts of public enemy, civil commotion sabotage, fires, floods, explosions, epidemics, quarantine restrictions, strikes, lock outs or acts of God (hereinafter referred as "events") provided notice of the happening of any such events is given by either party to the other within twenty one days from the date of occurrence thereof, neither party shall by reasons of such event, be entitled to terminate this contract nor shall either party have any claim for damages against the other in respect of such non performance or delay in performance. Deliveries under the contract shall be resumed as soon as practicable.

## 20.Arbitration

Any dispute or difference arising under this Contract shall be referred under jurisdiction of **Kolkata** to a sole arbitrator to be appointed mutually by the Parties and the provisions of Arbitration & Conciliation Act, 1996 including any statutory modifications or enactment thereof shall apply to the Arbitration proceedings. The fees of the arbitrator, if any, shall be shared 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.

***In event of any dispute or difference relating to the interpretation and application of the provision of commercial contract(s) between Central Public Sector Enterprises (CPSEs) / Port Trusts inter se and also between CPSEs and Government Departments/Organizations (excluding disputes concerning Railways, Income Tax, Customs & Excise Departments), such disputes or difference shall be taken up by either party for resolution through AMRCD as mentioned in DPE OM no 4(1)/2013-DPE(GM)/FTS-1835 dated 22.05.2018***

## **21. Purchase Preference Policy for MSE Vendors**

If it is seen that a Micro and Small Enterprises (MSE) has participated and the price quoted by them is within a price band of +15% of the L1 price (which is from a supplier who is not MSME), then such MSE vendor shall be allowed to supply a pre-determined portion of the tendered quantity subject to their matching the L1 price. In case, more than one number of MSE vendors are within the range of L1+15%, all of them shall be given the option of matching the L1 price. In such a situation, the pre-determined quantity shall be equally divided amongst all such MSME vendors who have matched the L1 price. In case the total tender value is not split able, 100% of the value will be given to MSE (within 15% band with non MSE vendor) vendor subject to matching with L1 price of non MSE vendor.

**Note : This is no split tender .**

## **22. Compliance of GST**

The vendor should compulsorily follow all the provisions of GST and in the event any default for fulfilling any provisions of the GST Act, Balmer Lawrie & Co. Ltd. would exercise the right for non- payment/withholding payment, / black listing the vendor

## **23. Safety and penalty :**

The Contractor will be penalized for any safety violation. The decision of the Safety Committee headed by Safety Incharge will be final. For any safety violation viz. not using PPE as required by the nature of the job per violation Rs. 1000 will be charged.

Contractors shall ensure that their work area is kept clean tidy and free from debris/oil particles/ wooden pieces/ pallets/ ply woods/ angels etc.

The work areas must be cleaned on a daily basis. Any disposal of waste shall be done by the Contractor.

## **Confined Space**

Before commencing Work in a confined space the Contractor must obtain from BL a Permit to Work, the Permit to Work will define the requirements to be followed.

As minimum Contractors must ensure the following:

- i. Confined spaces are kept identified and marked by a sign near the entrance(s).
- ii. Adequate ventilation is provided
- iii. Adequate emergency provisions are in place
- iv. Appropriate air monitoring is performed to ensure oxygen is above 20%.
- v. Persons are provided with Confined Space training.
- vi. All necessary equipment and support personnel required to enter a Confined Space is provided.

## **Tools, Equipment and Machinery**

The Contractor must ensure that all tools & equipment provided for use during the Work is:

- suitable for its intended use;
- safe for use, maintained in a safe condition and where necessary inspected to ensure this remains the case (any inspection must be carried out by a competent person and records shall be available);
- Used only by people who have received adequate information, instruction and training to use the tool or equipment.
- Provided with Earth leakage circuit breaker (ELCBs) at all times when using electric power cords. Use of electrical tape for temporary repairs is prohibited.

### **Working at Height**

Any Work undertaken where there is a risk of fall and injury is considered to be working at height. For any Contractor Personnel working at height, Contractors shall provide fall prevention whenever possible and fall protection only when fall prevention is not practicable. Before commencing Work in a height the Contractor must obtain from BL a Permit to Work, the Permit to Work will define the requirements to be followed. Supervisor must be present at all point of time, to ensure no deviation occur during the course of work.

#### Fall Prevention System

Fall prevention systems (e.g. fixed guardrails, scaffolds, elevated work platforms) must provide protection for areas with open sides, including exposed floor openings.

#### Fall Protection Systems

Where fall protection systems are used then the Contractor must ensure the following is applied:

- i. Only approved full body harness and two shock-absorbing lanyards are used,
- ii. Prior establishment of a rescue plan for the immediate rescue of an employee in the event they experience a fall while using the system,
- iii. Anchorage points must be at waist level or higher; and capable of supporting at least the attached weight,
- iv. Lifeline systems must be approved by BL before use.
- v. Use of ISI marked industrial helmet at all point of time.

### **Scaffolding**

All scaffolds shall subject to a documented inspection by a competent person and clearly marked prior to use. The footings or anchorage for scaffolds shall be sound, rigid and capable of carrying the maximum intended load without settling or displacement. All scaffolding materials should be of MS tubular type.

Guardrails and toe-boards shall be installed on all open sides and ends of scaffold platforms. Scaffolds shall be provided with an access ladder or equivalent safe access. Contractor Personnel shall not climb or work from scaffold handrails, mid-rails or brace members.

### **Stairways and Ladders**

Ladders should only be used for light duty, short-term work or access in line with the below and the Site Requirements.

- a. Fabricated ladders are prohibited.
- b. Ladders will be secured to keep them from shifting, slipping, being knocked or blown over.
- c. Ladders will never be tied to facility services piping, conduits, or ventilation ducting.
- d. Ladders will be lowered and securely stored at the end of each workday.

- e. Ladders shall be maintained free of oil, grease and other slipping hazards
- f. Ladders will be visually inspected by a competent person and approved for use before being put into service. Each user shall inspect ladders visually before using.
- g. Ladders with structural defects shall be tagged "Do Not Use," immediately taken out of service, and removed from the Site by the end of the day.

### **Roof Work/Access**

Roof work and access to roofs must not be undertaken without prior authorization from BL.

### **Overhead Work**

A secure exclusion zone shall be maintained by Contractor below overhead work to prevent access. It is forbidden to work beneath a suspended load.

### **Lifting Operations**

#### **Cranes and Hoisting Equipment**

Contractors shall operate and maintain cranes and hoisting equipment in accordance with manufacturers' specifications and legal requirements.

Only Contractor Personnel trained in the use of cranes and hoists are permitted to use them.

#### **Lifting Equipment and Accessories**

All lifting equipment / accessories e.g., slings, chains, webbing, chain blocks, winches, jacks etc shall be indicated with their safe working load have an identification number visible on the unit and be inspected and tested in accordance with legal requirements.

Damaged equipment / accessories and equipment shall be tagged "out of use" and immediately removed from Site.

#### **Lockout Tag out ("LOTO")**

Prior to performing work on machines or equipment, the Contractor shall ensure that it is familiar with LOTO and Permit to Work procedures and that all of its affected Contractor Personnel receive the necessary training.

### **Barricades**

Floor openings, stairwells, platforms and walkways, and trenching where a person can fall any distance shall be adequately barricaded and where necessary, well lit. Where there is a risk of injury from a fall then rigid barriers must be used.

Barricades must also be used to prevent personnel entering an area where risk of injury is high e.g., during overhead work activity or electrical testing etc. Such barricading must provide clear visual warning..

### **Compressed Gas Cylinders**

Gas cylinder shall be securely stored and transported, and identified and used in line with the local requirements. Hose lines shall be inspected and tested for leaks in line with local requirements. Flash Back arrestor to be used to prevent any explosion due to back fire.

### **Electrical Safety**

Prior to undertaking any work on live electrical equipment the Contractor must obtain a Permit to Work from BL. Where ever possible live work should be avoided. Any control measures highlighted shall be implemented prior to work commencing.

The below measures will be taken:

- a) Work practices must protect against direct or indirect body contact by means of tools or materials and be suitable for work conditions and the exposed voltage level.
- b) Energized panels will be closed after normal working hours and whenever they are unattended. Temporary wiring will be de-energized when not in use.
- c) Only qualified electrical Contractor Personnel may enter substations and/or transformer and only after being specifically authorized by BL.

### **Hot Works**

A Permit to Work must be obtained from BL prior to any hot works (welding, grinding, open framework). Suitable fire extinguishing equipment shall be immediately available. Objects to be welded, cut or heated shall be moved to a designated safe location, or, if they cannot be readily moved, all movable fire hazards in the vicinity shall be taken to a safe place. Personnel working around or below the hot works shall be protected from falling or flying objects.

Prior to the use of temporary propane or resistance heating devices approval must be obtained from BL.

### **Trenching, Excavating, Drilling and Concreting**

A Permit to Work must be obtained from BL and all underground lines, equipment and electrical cables shall be identified and located prior to beginning the work. The Contractor shall assign a competent Contractor Personnel to all trenching and excavation work.

Safe means of access and egress shall be located in trench excavations. Daily inspections shall be conducted by a competent Contractor Personnel for evidence of a situation that could result in possible cave-ins, indications of failure of protective systems or other hazardous conditions.

Physical barriers shall be placed around or over trenches and excavations. Flashing light barriers shall be provided at night.

### **Environmental Requirements**

#### **Waste Management**

The Contractor is responsible to remove any waste generated by the work being done on the Site. The Contractor must dispose of the waste in line with the relevant local legislative requirements. The waste disposal route shall be documented and made available for BL to review at any time and may be subject to BL's prior approval.

Wastes (includes rinse from washing of equipment, PPE, tools, etc) are not to be poured into sinks, drains, toilets, or storm sewers, or onto the ground. Solid or liquid wastes that are hazardous or regulated in any way are not to be disposed of in general site waste receptacles.

#### **Spills**

The Contractor is responsible for the provision of adequate spill kits/protection and the clean up and disposal costs arising from such spills.

#### **Emissions**

The Contractor shall identify and quantify any emission sources associated with the Works. The control measures associated with these emission shall be subject to the approval of BL. Emissions include but are not limited to noise, dust, fumes, vapours.

BalmerLawrie& Co. Ltd. Container Freight Station, **[Navi Mumbai]**

**e-Tender No : BL/CFS/MUM/730 DT. 23/02/2021**

## **DECLARATION**

**Having examined the tender documents, we have understood the terms & conditions indicated in the e-Tender No : BL/CFS/MUM/730 DT. 23/02/2021 and hereby confirm our acceptance of the same.**

Place :

Signature of Tenderer

Date :

Name & Address

Telephone Nos.

Office:

Fax Nos. :

**PARTICULARS OF THE TENDERER'S ORGANISATION**

<b>S. No</b>	<b>Description</b>	<b>Tenderers Details</b>
<b>1</b>	Name of the Tenderer	
<b>2</b>	Address of the Registered Office	
<b>3</b>	Address of the branch / office quoting against theTender	
<b>4</b>	Year of commencement of business	
<b>5</b>	Whether Sole Trader/ Partnership / Private Limited Co., or Public Limited Co./ LPP	
<b>6</b>	Registration No. (Under companies Act )	
<b>7</b>	Whether copy of Incorporation /Registration certificate from ROC(Registrar of company) uploaded	
<b>8</b>	Income Tax PAN no.	
<b>9</b>	Whether copy of PAN enclosed	
<b>10</b>	Whether copy of latest Income Tax Return uploaded	
<b>11</b>	GST Registration No.	
<b>12</b>	Whether copy of GST Registration certificate Uploaded	
<b>13</b>	Name of the Banker	
<b>14</b>	Whether registration under MSMED act	
<b>15</b>	In case registered under MSMED provide registration number and copy of registration certificate.	
<b>16</b>	MSMED bidder must state whether they belong to SC/ST category	

## PRICE BID SHEDUEL:

SR NO	DESCRIPTION	UNIT	QTY	SUPPLY RATE (Rs.)	AMOUNT (Rs.)	INSTALLATION & COMMISSIONING Rate(Rs.)	AMOUNT (Rs.)
1	<p>Supply Installation , Testing ,Commissioning ,Transportation, Loading - Unloading &amp; Design of</p> <p><b>SUB PANEL -1 ( ADMIN BUILDING )</b> in door, floor mounted/pedestal type, cubical, compartmentalized self supported front and rear openable, hinged type with locking arrangement suitable ventilations on both sides with wire mesh, IP-23 protection with dust and vermin proof etc. fabricated at of 2 mm / 1.6mm CRCA sheet &amp; Gland Plate will be 3mm. Top Cable Entrée , duly powder coated with 7 tank chemical process, mounted/fixed on and including base frame 75mm height from FFL, fabricated out of 75mm X 40mmX 4mm thick MS Channel duly period with black enamel synthetic paint over a red oxide primer control wiring copper stranded PVC insulated FRLS cables not less than 1.5 sqmm, suitable size/ capacity of copper strips 100A &amp; Above for switch gear connection form main bus bar, earth bus strip of 32x6 mm size for entire length of panel including and accommodating the followings:            Marine Electricals (I) Pvt. Ltd, Goa                      2)D.B. Electricals Pvt. Ltd.                      3)Abak Electrofab Engineering pvt. Ltd. Or Equivalent</p>	SET	1		- DO NOT PUT RATE HERE		
	<b>INCOMER :-</b>				-		
a	160A/4Pole/25ka MCCB Thermal magnetic release, Adjustable over load (0.8 to 1) and Short circuit, Rotary handle, with "ON ,TRIP ,OFF" Indication & control MCB (Make:-L & T/Schneider/ABB Or Equivalent) (one) 1 no				-		



b	LED type phase indicator with controlling 2A MCB for RYB ( Make-L&T Or Equivalent) One (1) set				-		
c	Multi-function (5000 Series L&T or Equivalent) with RS-485 Port (Data log 8MB) digital panel meter suitable to display Amps, volts frequency, KWH, KW, KVA etc including CTs OF Suitable ratio - ( Meter Make-Conzerv / Schneide/L&T Or Equivalent) ( CTs Make-AE Resin cast) 1(one) set				-		
d	Electro copper 4pole busbars PVC color sleeved 200 Amps capacity @ 1.6A/sq.mm. density, Mounted on hygroscopic insulator duly colour control, RYB,Black sleeves 1(lot)				-		
	<b>OUTGOING:-</b>				-		
a	63A/4Pole/25ka MCCB Thermal magnetic release, Adjustable over load (0.8 to 1) and Short circuit, Rotary handle, with "ON ,TRIP ,OFF" Indication & control MCB (Make:-L & T/Schneider/ABB Or Equivalent) -5(five) nos				-		
b	40A/4Pole/10ka MCB (Make:- Legrand/Schneider Or Equivalent) 1(one)				-		
c	32A/4Pole/10ka MCB (Make:- Legrand/Schneider Or Equivalent) 1(one)				-		
d	63A/2Pole/10ka MCB (Make:- Legrand/Schneider Or Equivalent) 1(one)				-		
e	32A/2Pole/10ka MCB (Make:- Legrand/Schneider Or Equivalent) 3(three) nos				-		
2	Supply Installation , Testing ,Commissioning ,Transportation, Loading - Unloading & Design of	SET	1		-		

	<p><b>SUB PANEL- 2 (LOCATION WORKSHOP)</b> in door, floor mounted/pedestal type, cubical, compartmentalized self supported front and rear openable, hinged type with locking arrangement suitable ventilations on both sides with wire mesh, IP-23 protection with dust and vermin proof etc. fabricated at of 2 mm / 1.6mm CRCA sheet &amp; Gland Plate will be 3mm. Top Cable Entrée, duly powder coated with 7 tank chemical process, mounted/fixed on and including base frame 75mm height from FFL, fabricated out of 75mm X 40mmX 4mm thick MS Channel duly period with black enamel synthetic paint over a red oxide primer control wiring copper stranded PVC insulated FRLS cables not less than 1.5 sqmm, suitable size/ capacity of copper strips 100A &amp; Above for switch gear connection form main bus bar, earth bus strip of 32x6 mm size for entire length of panel including and accommodating the followings:1)Marine Electricals (I) Pvt. Ltd, Goa 2)D.B. Electricals Pvt. Ltd. 3)Abak Electrofab Engineering pvt Ltd. Or Equivalent</p>						
	<b>INCOMER :-</b>				-		
a	160A/4Pole/25ka MCCB Thermal magnetic release, Adjustable over load (0.8 to 1) and Short circuit, Rotary handle ,with "ON ,TRIP ,OFF" Indication & control MCB (Make:-L & T/Schneider/ABB Or Equivalent) 1(one) no				-		
b	LED type phase indicator with controlling 2A MCB for RYB ( Make-L&T Or Equivalent) 1(one) set				-		
c	Multi-function (5000 Series L&T or Equivalent) with RS-485 Port (Data log 8MB) digital panel meter suitable to display Amps, volts frequency, KWH, KW, KVA etc including CTs OF Suitable ratio - ( Meter Make-Conzerv / Schneider /L&T Or Equivalent) ( CTs Make-AE Resin cast) 1 (one) set				-		
d	Electro copper 4pole busbars PVC color sleeved 200 Amps capacity @ 1.6A/sq.mm. density, Mounted on hygroscopic insulator duly 1 (lot)				-		

	colour control, RYB,Black sleeves-						
	<b>OUTGOING:-</b>				-		
a	63A/4Pole/25ka MCCB Thermal magnetic release, Adjustable over load (0.8 to 1) and Short circuit, Rotary handel, with "ON ,OFF" Indication & contol MCB (Make:-L & T/Schneide/ABB Or Equivalent) 2(two) nos				-		
b	32A/4Pole/10ka MCB (Make:- Legrand/Schneider Or Equivalent) 5 ( five) nos				-		
c	25A/4Pole/10ka MCB (Make:- Legrand/Schneider Or Equivalent) 1(one) no				-		
d	32A/2Pole/10ka MCB (Make:- Legrand/Schneider Or Equivalent) 7(seven) nos				-		
3	<p>Supply Installation , Testing ,Commissioning ,Transportation, Loading - Unloading &amp; Design of</p> <p><b>REFER PANEL -1 OUTDOOR</b> Floor mounted/pedestal type cubical self supported front and rear openable, double door hinged type with locking arrangement, Display window with clear glass for metering Section and , slopping top canopy suitable ventilations on both sides with wire mesh, IP-65 protection with dust and verm proof fabricated out of 3 mm CRCA sheet, Bottom Cable Entrée duly powder coated with 7 tank chemical process, mounted/ fixed on and including ,MS angles iron tand/frame 50cm height from FFL fabricated out of 50x50x5 mm thik ms angle duly painted with black enamel synthetic paint over a red oxide primer control wiring copper stranded PVC insulated FRLS cables not less than 1.5 sqmm, suitable size/capacity of copper strips Copper strips 100A &amp; Above for switch gear connection from main bus bar, earth bus strip of 32x6 mm size for entire length of panel and accommodating the followings:-1)Marine Electricals (I) Pvt. Ltd, Goa 2)D.B. Electricals Pvt. Ltd. 3)Abak Electrofab Engineering pvt ltd Or Equivalent</p>	SET	1		-		

	<b>INCOMER :-</b>				-		
a	400A/4Pole/25ka MCCB Thermal magnetic release, Adjustable over load (0.8 to 1) and Short circuit, Rotary handel, with "ON ,TRIP ,OFF" Indication & contol MCB (Make:-L & T/Schneide/ABB Or Equivalent) 1 (one) no				-		
b	LED type phase indicator with controlling 2A MCB for RYB ( Make-L&T Or Equivalent) 1 (one) set				-		
c	Multi-function (5000 Series L&T or Equivalent) with RS-485 Port (Data log 8MB) digital panel meter suitable to display Amps, volts frequency, KWH, KW, KVA etc including CTs OF Suitable ratio - ( Meter Make-Conzerv / Schneide/L&T Or Equivalent) ( CTs Make-AE Resin cast) 1 (one) set				-		
d	Electro copper 4pole busbars PVC color sleeved 500 Amps capacity @ 1.6 A /sq.mm. density, Mounted on hygroscopic insulator duly colour control, RYB,Black sleeves 1(one) lot				-		
	<b>OUTGOING:-</b>				-		
a	25A /4P /100MA RCBO (Make:- Legrand/Schneide Or Equivalent) 26(twenty six) nos				-		
4	Supply Installation , Testing ,Commissioning ,Transportation, Loading - Unloading & Design of	SET	1		-		

	<p><b>REFER PANEL -2 OUTDOOR</b> Floor mounted/pedestal type cubical self supported front and rear openable, double door hinged type with locking arrangement, Display window with clear glass for metering Section and , slopping top canopy suitable ventilations on both sides with wire mesh, IP-65 protection with dust and verm proof fabricated out of 3 mm CRCA sheet, Bottom Cable Entrée duly powder coated with 7 tank chemical process, mounted/ fixed on and including ,MS angles iron tand/frame 50cm height from FFL fabricated out of 50x50x5 mm thik ms angle duly painted with black enamel synthetic paint over a red oxide primer control wiring copper stranded PVC insulated FRLS cables not less than 1.5 sqmm, suitable size/capacity of copper strips Copper strips 100A &amp; Above for switch gear connection from main bus bar, earth bus strip of 32x6 mm size for entire length of panel and accommodating the followings:-1)Marine Electricals (I) Pvt. Ltd, Goa 2)D.B. Electricals Pvt. Ltd. 3)Abak Electrofab Engineering pvt ltd. Or Equivalent</p>						
	<b>INCOMER :-</b>				-		
a	200A/4Pole/25ka MCCB Thermal magnetic release, Adjustable over load (0.8 to 1) and Short circuit, Rotary handel, with "ON ,TRIP ,OFF"" Indication & contol MCB (Make:-L & T/Schneide/ABB Or Equivalent) 1(one)				-		
b	LED type phase indicator with controlling 2A MCB for RYB ( Make- L&T Or Equivalent) 1 (one) set				-		
c	Multi-function (5000 Series L&T or Equivalent) with RS-485 Port (Data log 8MB) digital panel meter suitable to display Amps, volts frequency, KWH, KW, KVA etc including CTs OF Suitable ratio - ( Meter Make-Conzerv / Schneide/L&T Or Equivalent) ( CTs Make-AE Resin cast) 1(one) set				-		

d	Electro copper 4pole busbars PVC color sleeved 250 Amps capacity @ 1.6A/sq.mm. density, Mounted on hygroscopic insulator duly colour control, RYB,Black sleeves 1(one)				-		
	<b>OUTGOING:-</b>				-		
a	25A /4P /100MA RCBO (Make:- Legrand/Schneide) 11(eleven)				-		
5	Supply and Installation Standard High Mast Control Panel Outdoor Feeder Pillar with 40mm x40mm x6mm MS Angle frame 500mm Height. 1)Marine Electricals (I) Pvt. Ltd, Goa 2)D.B. Eectricals Pvt. Ltd. 3)Abak Electrofab Engineering Or Equivalent	SET	4		-		
a	63A FP 18KA MCCB Thermal Magnetic Release - (Make-L & T/Schneide/ABB Or Equivalent) 1 (one) no				-		
b	40A TP Contactor 230V AC with ADD-ON Block - (Make- L & T/Schneide/ABB Or Equivalent) 1(one) no				-		
c	24Hrs Timer 230V AC (Make- L & T/Schneide Or Equivalent) 1(one)				-		
d	ON/OFF Indication Lamp 230V AC - (Make- L & T/Schneide Or Equivalent) 1(one)				-		
e	Start/Stop Push Button (Make- L & T/Schneide Or Equivalent) 2(two)				-		
f	Auto/Manual Selector Switch ( Make- Kaycee Or Equivalent) 1(no)				-		
g	2A SP 10KA MCB -1no (Make- Schneide/ Legrand Or Equivalent) 1(no)				-		
6	Supply and Installation Standard Pump Control Panel Outdoor Type Wall mounting	SET	1		-		
a	25A/4Pole/10ka MCB contol MCB (Make:- Legrand/Schneide Or Equivalent) 1(one)				-		
b	LED type phase indicator with controlling 2A MCB for RYB ( Make-L&T) 1 (set)				-		
c	5 HP DOL Starter , Start-Stop push button IP-66 1(one) set				-		
7	Supply Installation , Testing ,Commissioning ,Transportation, Loading - Unloading & Design of	SET	1		-		

	<p><b>SUB PANEL-5 OUTDOOR (LOCATION HAZARDOUS WAREHOUS)</b> Wall Mounted type cubical front openable, double door hinged type with locking arrangement, Display window with clear glass for metering Section and , slopping top canopy suitable ventilations on both sides with wire mesh, IP-65 protection with dust and verm proof fabricated out of 2 mm CRCA sheet, Bottom Cable Entrée dully powder coated with 7 tank chemical process, Control wiring copper stranded PVC insulated FRLS cables not less than 1.5 sqmm, suitable size/capacity of copper strips Copper strips 100A &amp; Above for switch gear connection from main bus bar, earth bus strip of 25x5 mm size for entire length of panel and accommodating the followings:-1)Marine Electricals (I) Pvt. Ltd, Goa 2)D.B. Ectricals Pvt. Ltd. 3)Abak Electrofab Engineering Or Equivalent</p>						
a	100A/4Pole/25ka MCCB Thermal magnetic release, Adjustable over load (0.8 to 1) and Short circuit, Rotery handel, with "ON ,TRIP ,OFF" Indication & contol MCB (Make:-L & T/Schneide/ABB Or Equivalent) 1 (one) no				-		
b	LED type phase indicator with controlling 2A MCB for RYB ( Make-L&T) 1 (set)				-		
c	Volt meter digital panel meter suitable to display volts, - ( Meter Make-AE/ Conzerv / Schneide/L&T Or Equivalent) 1(one) set				-		
d	Electro copper 4pole busbars PVC color sleeved 125 Amps capacity @ 1.6A/sq.mm. density, Mounted on hygrosopic insulator dully colour control, RYB, Black sleeves 1(one)				-		
e	25A/4Pole/10ka MCB contol MCB (Make:- Legrand/Schneide) 5(five) nos				-		

8	<b>PDB-1 ( STAIRCASE -2 )</b> Supply, Installation, Testing , Commissioning ,Transportation, Loading –Unloading of Distribution Boards complete with MCBs/Isolators/ Bus bars and interconnections.All wire connection with copper lug with numbaring ferol . No fabricated DBs shall be allowed. Only DBs of specified makes as per list of materials shall be used all MCB 10 kA. (All DB will have MCB numbering, DB chart, DB number), DB should be fixed with Anchor fastner to wall . Proper earthing should be provided to DB body.	NOS	1		-		
a	4 way VTPN DB IP -43 Double Door MCB Incomer 1(one) no				-		
b	Incomer 63A/ 4P/100MA RCBO 1(one)				-		
c	Outgoing 6A TO 32A/TP MCBs 2(two) no				-		
d	6A to 32 A SP MCBs 6 (six) nos				-		
9	<b>PDB-2 ( STAIRCASE -2ND FLOOR )</b> Supply, Installation, Testing , Commissioning ,Transportation, Loading –Unloading of Distribution Boards complete with MCBs/Isolators/ Bus bars and interconnections.All wire connection with copper lug with numbaring ferol . No fabricated DBs shall be allowed. Only DBs of specified makes as per list of materials shall be used all MCB 10 kA. (All DB will have MCB numbering, DB chart, DB number), DB should be fixed with Anchor fastner to wall . Proper earthing should be provided to DB body Legrand/Schneide	NOS	1		-		
a	8 way VTPN DB IP -43 Double Door MCCB Incomer 1(one) no				-		
b	Incomer 63A/ 4P/16 KA MCCB with Thermal Magnetic Protection Unit 1(one) no				-		
c	Outgoing 6A TO 32A/TP MCBs 2(two) nos				-		



d	6A to 32 A SP MCBs 18(eighteen) nos				-		
10	<b>LDB-1 ( STAIRCASE-1 / GATE )</b> Legrand/SchneideSupply, Installation, Testing , Commissioning ,Transportation, Loading – Unloading of Distribution Boards complete with MCBs/Isolators/ Bus bars and interconnections.All wire connection with copper lug with numbaring ferol . No fabricated DBs shall be allowed. Only DBs of specified makes as per list of materials shall be used all MCB 10 kA. (All DB will have MCB numbering, DB chart, DB number), DB should be fixed with Anchor fastner to wall . Proper earthing should be provided to DB body	NOS	1		-		
a	8 Way SPN DB IP -43 Double Door 1 (one) no				-		
b	Incomer 32A/ 2P/100MA RCBO 1(one) no				-		
c	Outgoing 6A TO 32A/SP MCBs 6 (six) nos				-		
11	<b>LDB-1 ( WORK SHOP )</b> Legrand/SchneideSupply, Installation, Testing , Commissioning ,Transportation, Loading –Unloading of Distribution Boards complete with MCBs/Isolators/ Bus bars and interconnections.All wire connection with copper lug with numbaring ferol . No fabricated DBs shall be allowed. Only DBs of specified makes as per list of materials shall be used all MCB 10 kA. (All DB will have MCB numbering, DB chart, DB number), DB should be fixed with Anchor fastner to wall . Proper earthing should be provided to DB body	NOS	1		-		
a	8 Way ETPN PPI DB IP -43 Double Door 1(one) no				-		
b	Incomer 32A/ 4P MCB 1(one) no				-		
c	Sub Incomer 20A/ 2P/100MA RCBO 3(three) nos				-		
d	Outgoing 6A TO 32A/SP MCBs 18 ( eighteen) nos				-		

12	<b>LDB-1 ( SUB STATION )</b> Supply, Installation, Testing , Commissioning ,Transportation, Loading –Unloading of Distribution Boards complete with MCBs/Isolators/ Bus bars and interconnections.All wire connection with copper lug with numbaring ferol . No fabricated DBs shall be allowed. Only DBs of specified makes as per list of materials shall be used all MCB 10 kA. (All DB will have MCB numbering, DB chart, DB number), DB should be fixed with Anchor fastner to wall . Proper earthing should be provided to DB body Legrand/Schneide Or Equivalent	NOS	1				
a	6Way ETPN PPI DB IP -43 Double Door 1(one) nos					-	
b	Incomer 32A/ 4P MCB 1(one)					-	
c	Sub Incomer 20A/ 2P/100MA RCBO 3(three) nos					-	
d	Outgoing 6A TO 32A/SP MCBs 12 (twelve) nos					-	
13	<b>PDB-1 ( CANTEEN )</b> Supply, Installation, Testing , Commissioning ,Transportation, Loading – Unloading of Distribution Boards complete with MCBs/Isolators/ Bus bars and interconnections.All wire connection with copper lug with numbaring ferol . No fabricated DBs shall be allowed. Only DBs of specified makes as per list of materials shall be used all MCB 10 kA. (All DB will have MCB numbering, DB chart, DB number), DB should be fixed with Anchor fastner to wall . Proper earthing should be provided to DB body legerand /schenider make Or Equivalent	NO	1				
a	4 way VTPN DB IP -43 Double Door MCB Incomer						
b	Incomer 63A/ 4P/10 Ka MCB						
c	Outgoing 6A TO 32A/TP MCBs						
d	6A to 32 A SP MCBs						

14	Meter-Supply ,Installation , Commissioning of 40Amps / 3 phase -4 wire Direct line digital KWH Meter for Sub Meter . With required fixing board i/c connection with copper lug	NOS	4				
15	Supply ,Installation , Testing & Comissing of 32A/4 Pole /IP 66 Combined unit with interlocked switched socket - Double mechanical interlock with Encloser for refrigerated containers.Legerand/schnider Or Equivalent /power control	NOS	12		-		
16	Supply ,Installation , Commissioning of 40Amps / 3 phase -4 wire Direct line digital KWH Meter for Sub Meter . With required fixing board i/c connection with copper lug L&T/schnider/Jaipur/havells Or Equivalent	NOS	4				
17	Supply Installation of Temptra plug & socket DB's 16 A 2P+E-DP Metal Socket with 16 Amp /DP /MCB For Work shop & Canteen power point Legrand/Schneide Or Equivalent	NOS	10				
18	Supply Installation of Metra plug & socket DB's 32A /3P+N+ E+ FP Metal Socket with 25 Amp /FP MCB For Work shop power point Legrand/Schneider Or Equivalent	NO	2				
19	Supply Installation , Testing ,Commissioning ,Transportation, Loading - Unloading of Hot Deep Galvanized Perforated type cable Trays 2 mm thick ( Tolerance + /- 5%) , G I Coating 48 /60 Microns . Fixed to the ceiling/ wall with suitable size of GI clamp, appropriate dia threaded rod & 35mmx2mm thick GI slotted 'C' / Z channel Patti Bravo / Asian / Profab SITCOF Cable Tray=300mm wide x50 mm height x2 mm thick	MTR	1050		-		

20	Supply Installation , Testing ,Commissioning ,Transportation, Loading - Unloading of Hot Deep Galvanized Perforated type cable Trays 2 mm thick ( Tolerance + /- 5%) , G I Coating 48 /60 Microns . Fixed to the ceiling/ wall with suitable size of GI clamp, appropriate dia threaded rod & 35mmx2mm thick GI slotted 'C' / Z channel Patti Bravo / Asian / Profab make OF Cable Tray=200mm wide x50 mm height.x2 mm thick	MTR	1050		-		
21	Supply Installation , Testing ,Commissioning ,Transportation, Loading - Unloading of Hot Deep Galvanized Perforated type cable Trays 2 mm thick ( Tolerance + /- 5%) , G I Coating 48 /60 Microns . Fixed to the ceiling/ wall with suitable size of GI clamp, appropriate dia threaded rod & 35mmx2mm thick GI slotted 'C' / Z channel Patti Bravo / Asian / Profab OF Cable Tray=100mm wide x50 mm height.x1.6 mm thick	MTR	100		-		
22	Supply ,Installation , Transportation, Loading – Unloading Design & Fabrication in MS .The rate shall include the cost for painting with 2 Coats of enameled / metal applied after rust treatment of one coat of <b>zinc chromate primer</b> . The colour of the paint & cable trays shall be as approved BLC .for Cable tray Support. Panel supports, MCB DBs Supports	KG	5000		-		
23	Supply & Fixing. Following UPVC Trunking i/c required accessories Precision 100mm x50mm PVC Trunking	MTR	25		-		
24	Supply & Fixing. Following UPVC Trunking i/c required accessories Precision 50mm x50mm PVC Trunking	MTR	25		-		
25	Supply & Fixing. Following UPVC Trunking i/c required accessories Precision 38mm x25mm PVC Trunking	MTR	25		-		

26	Supplying, Laying, testing & commissioning, Transportation, Loading -Unloading of the following sizes of XLPE Aluminium / Copper Conductor armoured cables of 1.1KV grade on the surface of wall or on existing cable trays complete with Proper clamps, Havy duty Cable Tai fixing hardware etc. as required 1)Polycab 2) Havells 3)KEI 4)FINOLEX Or Equivalent 3.5 C x 240 Sq. mm Aluminium XLPE Armoured Cable	MTR	70	-		
27	Supplying, Laying, testing & commissioning, Transportation, Loading -Unloading of the following sizes of XLPE Aluminium / Copper Conductor armoured cables of 1.1KV grade on the surface of wall or on existing cable trays complete with Proper clamps, Havy duty Cable Tai fixing hardware etc. as required 1)Polycab 2) Havells 3)KEI 4)FINOLEX Or Equivalent 3.5 C x 150 Sq. mm Aluminium XLPE Armoured Cable	MTR	350	-		
28	Supplying, Laying, testing & commissioning, Transportation, Loading -Unloading of the following sizes of XLPE Aluminium / Copper Conductor armoured cables of 1.1KV grade on the surface of wall or on existing cable trays complete with Proper clamps, Havy duty Cable Tai fixing hardware etc. as required 1)Polycab 2) Havells 3)KEI 4)FINOLEX Or Equivalent 3.5 C x 120 Sq. mm Aluminium XLPE Armoured Cable	MTR	975	-		
29	Supplying, Laying, testing & commissioning, Transportation, Loading -Unloading of the following sizes of XLPE Aluminium / Copper Conductor armoured cables of 1.1KV grade on the surface of wall or on existing cable trays complete with Proper clamps, Havy duty Cable Tai fixing hardware etc. as required 1)Polycab 2) Havells 3)KEI 4)FINOLEX Or Equivalent 4 C x 50 Sq. mm Aluminium XLPE Armoured Cable	MTR	2200	-		

30	Supplying, Laying, testing & commissioning, Transportation, Loading -Unloading of the following sizes of XLPE Aluminium / Copper Conductor armoured cables of 1.1KV grade on the surface of wall or on existing cable trays complete with Proper clamps, Havy duty Cable Tai fixing hardware etc. as required 1)Polycab 2) Havells 3)KEI 4)FINOLEX Or Equivalent 4 C x 35 Sq. mm Aluminium XLPE Armoured Cable	MTR	2200	-		
31	Supplying, Laying, testing & commissioning, Transportation, Loading -Unloading of the following sizes of XLPE Aluminium / Copper Conductor armoured cables of 1.1KV grade on the surface of wall or on existing cable trays complete with Proper clamps, Havy duty Cable Tai fixing hardware etc. as required 1)Polycab 2) Havells 3)KEI 4)FINOLEX Or Equivalent 4 C x 10 Sq. mm Copper XLPE Armoured Cable	MTR	120	-		
32	Supplying, Laying, testing & commissioning, Transportation, Loading -Unloading of the following sizes of XLPE Aluminium / Copper Conductor armoured cables of 1.1KV grade on the surface of wall or on existing cable trays complete with Proper clamps, Havy duty Cable Tai fixing hardware etc. as required 1)Polycab 2) Havells 3)KEI 4)FINOLEX Or Equivalent 4 C x 6 Sq. mm Copper XLPE Armoured Cable	MTR	800	-		
33	Supplying, Laying, testing & commissioning, Transportation, Loading -Unloading of the following sizes of XLPE Aluminium / Copper Conductor armoured cables of 1.1KV grade on the surface of wall or on existing cable trays complete with Proper clamps, Havy duty Cable Tai fixing hardware etc. as required 1)Polycab 2) Havells 3)KEI 4)FINOLEX Or Equivalent 2 C x 10 Sq. mm Copper XLPE Armoured Cable	MTR	40	-		

34	Supplying, Laying, testing & commissioning, Transportation, Loading -Unloading of the following sizes of XLPE Aluminium / Copper Conductor armoured cables of 1.1KV grade on the surface of wall or on existing cable trays complete with Proper clamps, Havy duty Cable Tai fixing hardware etc. as required 1)Polycab 2) Havells 3)KEI 4)FINOLEX Or Equivalent 2 C x 6 Sq. mm Copper XLPE Armoured Cable	MTR	275	-		
35	Supplying, Laying, testing & commissioning, Transportation, Loading -Unloading of the following sizes of XLPE Aluminium / Copper Conductor armoured cables of 1.1KV grade on the surface of wall or on existing cable trays complete with Proper clamps, Havy duty Cable Tai fixing hardware etc. as required 1)Polycab 2) Havells 3)KEI 4)FINOLEX Or Equivalent 3 C x 4 Sq. mm Copper XLPE Armoured Cable	MTR	50	-		
36	Supplying, Laying, testing & commissioning, Transportation, Loading -Unloading of the following sizes of XLPE Aluminium / Copper Conductor armoured cables of 1.1KV grade on the surface of wall or on existing cable trays complete with Proper clamps, Havy duty Cable Tai fixing hardware etc. as required 1)Polycab 2) Havells 3)KEI 4)FINOLEX Or Equivalent 3 C x 2.5 Sq. mm Copper XLPE Armoured Cable	MTR	100	-		
37	Suppling,& making, testing & commissioning Transportation, Loading -Unloading of End termination with brass mettalic double compression glands suitable for the following sizes of XLPE Aluminium / Copper conductor armoured cables including proper sizes of Aluminium / Copper Lugs etc. as required. Dowells / Cosmos make 3.5 C x 240 Sq. mm Aluminium XLPE Armoured Cable Termination (Existing cable)	Set	6	-		

38	Suppling,& making, testing & commissioning Transportation, Loading -Unloading of End termination with brass mettalic double compression glands suitable for the following sizes of XLPE Aluminium / Copper conductor annoured cables including proper sizes of Aluminium / Copper Lugs etc. as required. Dowells / Cosmos make 3.5 C x 150 Sq. mm Aluminium XLPE Armoured Cable Termination	Set	10	-		
39	3Suppling,& making, testing & commissioning Transportation, Loading -Unloading of End termination with brass mettalic double compression glands suitable for the following sizes of XLPE Aluminium / Copper conductor annoured cables including proper sizes of Aluminium / Copper Lugs etc. as required. Dowells / Cosmos make 5 C x 120 Sq. mm Aluminium XLPE Armoured Cable Termination	Set	6	-		
40	Suppling,& making, testing & commissioning Transportation, Loading -Unloading of End termination with brass mettalic double compression glands suitable for the following sizes of XLPE Aluminium / Copper conductor annoured cables including proper sizes of Aluminium / Copper Lugs etc. as required. Dowells / Cosmos make 4 C x 50 Sq. mm Aluminium XLPE Armoured Cable Termination	Set	20	-		
41	Suppling,& making, testing & commissioning Transportation, Loading -Unloading of End termination with brass mettalic double compression glands suitable for the following sizes of XLPE Aluminium / Copper conductor annoured cables including proper sizes of Aluminium / Copper Lugs etc. as required. Dowells / Cosmos make 4 C x 25/35 Sq. mm Aluminium XLPE Armoured Cable Termination	Set	22	-		



42	Suppling,& making, testing & commissioning Transportation, Loading -Unloading of End termination with brass mettalic double compression glands suitable for the following sizes of XLPE Aluminium / Copper conductor annoured cables including proper sizes of Aluminium / Copper Lugs etc. as required. Dowells / Cosmos make 4 C x 16 Sq. mm Aluminium XLPE Armoured Cable Termination	Set	20	-		
43	Suppling,& making, testing & commissioning Transportation, Loading -Unloading of End termination with brass mettalic double compression glands suitable for the following sizes of XLPE Aluminium / Copper conductor annoured cables including proper sizes of Aluminium / Copper Lugs etc. as required. Dowells / Cosmos make 4 C x 10 Sq. mm Copper XLPE Armoured Cable Termination	Set	8	-		
44	Suppling,& making, testing & commissioning Transportation, Loading -Unloading of End termination with brass mettalic double compression glands suitable for the following sizes of XLPE Aluminium / Copper conductor annoured cables including proper sizes of Aluminium / Copper Lugs etc. as required. Dowells / Cosmos make 4 C x 6 Sq. mm Copper XLPE Armoured Cable Termination	Set	20	-		
45	Suppling,& making, testing & commissioning Transportation, Loading -Unloading of End termination with brass mettalic double compression glands suitable for the following sizes of XLPE Aluminium / Copper conductor annoured cables including proper sizes of Aluminium / Copper Lugs etc. as required. Dowells / Cosmos make 4 C x 4 Sq. mm Copper XLPE Armoured Cable Termination	set	125			

46	Suppling,& making, testing & commissioning Transportation, Loading -Unloading of End termination with brass mettalic double compression glands suitable for the following sizes of XLPE Aluminium / Copper conductor annoured cables including proper sizes of Aluminium / Copper Lugs etc. as required. Dowells / Cosmos make 2 C x 10 Sq. mm Copper XLPE Armoured Cable Termination	Set	40	-		
47	Suppling,& making, testing & commissioning Transportation, Loading -Unloading of End termination with brass mettalic double compression glands suitable for the following sizes of XLPE Aluminium / Copper conductor annoured cables including proper sizes of Aluminium / Copper Lugs etc. as required. Dowells / Cosmos make 2 C x 6 Sq. mm Copper XLPE Armoured Cable Termination	Set	30	-		
48	Suppling,& making, testing & commissioning Transportation, Loading -Unloading of End termination with brass mettalic double compression glands suitable for the following sizes of XLPE Aluminium / Copper conductor annoured cables including proper sizes of Aluminium / Copper Lugs etc. as required. Dowells / Cosmos make 3 C x 4 Sq. mm Copper XLPE Armoured Cable Termination	Set	6	-		
49	Suppling,& making, testing & commissioning Transportation, Loading -Unloading of End termination with brass mettalic double compression glands suitable for the following sizes of XLPE Aluminium / Copper conductor annoured cables including proper sizes of Aluminium / Copper Lugs etc. as required. Dowells / Cosmos make 3 C x 2.5 Sq. mm Copper XLPE Armoured Cable Termination	Set	12	-		

50	Suppling,& making, testing & commissioning of Outdoor type Het shrinkable straight through joints 4 core x 25-50 sqmm LT Cable. sizes of XLPE Aluminium / Copper conductor armoured 3 M Electrical / Raychem cables .	Set	4		-		
51	Supply, Installation, Testing & Commissioning ,Transportation, Loading -Unloading of LUX + OCCUPANCY sensor PIR technology based with a covering range of minimum 8 meters at the height of 2.8 meter with a maximum sensitivity.The contact rating should be 6 amps minimum inductive loads.with required wiring etc as per specification & All fittings shall be <b>2 Year Manufacturer Warranty</b>	NOS	2				
52	Supply, Installation, Testing & Commissioning, Transportation, Loading -Unloading Surface mounted downlight with white powder coated polycarbonate decorative housing and pressure die-cast heat sink having high efficiency with heavy duty driver having THD<10%. For Staircase <b>Model -Havells INTEGRANEOSURFACEDLS10WLED857S</b> or Havells/Crompton / Philips / Wipro or Equivalent etc as per specification & All fittings shall be <b>2 Year Manufacturer Warranty</b>	NOS	12		-		
53	Supply, Installation, Testing & Commissioning , Transportation, Loading -Unloading Surface/ Suspended mounted 20W Regal Batten Universal batten for LED Tube with Photan Ultra LED Tube light, with suspension arrangement for sub station building. <b>Model -Havells REGALBATTENT8UPTO1X22WSSBSWH</b> or Equivalent  Havells/Crompton / Philips /WIPRO Or Equivalent etc as per specification & All fittings shall be <b>2 Year Manufacturer Warranty</b>	NOS	10		-		

54	<p>Supply, Installation, Testing &amp; Commissioning ,Transportation, Loading -Unloading Surface mounted 15 W Recess mounted Downlight with pressure die-cast aluminium heat sink &amp; PC diffuser in white powder coated finish with integrated driver &amp; additional extension ring for existing ceiling cutout Model -Havells INTEGRANEODLR15WLED857S or Equivalent ( Note:- Rate consider Dismantle of existing downlight &amp; same cutout Install New Downlight ) etc as per specification &amp; All fittings shall be <b>2 Year Manufacturer Warranty</b></p>	NOS	10				
55	<p>Supply, Installation, Testing &amp; Commissioning ,Transportation, Loading -Unloading Surface mounted 10 W Recess mounted Downlight with pressure die-cast aluminium heat sink &amp; PC diffuser in white powder coated finish with integrated driver &amp; additional extension ring for existing ceiling cutout. Model -Havells INTEGRANEODLR10WLED857S or Equivalent ( Note:- Rate consider Dismantle of existing downlight &amp; same cutout Install New Downlight ) etc as per specification &amp; All fittings shall be <b>2 Year Manufacturer Warranty</b></p>	NOS	10				

56	<p>Supply, Installation, Testing &amp; Commissioning, Transportation, Loading -Unloading Suspended <b>35W Well Glass light fixture</b> Environmental friendly, energy saving long life corrosion resistant, vertical surface mounting pressure die-cast aluminium housing and control gear compartment well glass luminaires with high power LED as light source. Delivers excellent illumination &amp; comfort in high ceiling areas</p> <p>Long life &amp; photobiologically safe LEDs, High performance electronic driver ensures</p> <p>zero maintenance, No harmful UV &amp; IR radiations , Environment friendly as it does not containMercury Instant light with low running temperatures, Operating temperature: -10 °C to +55 °C Operating voltage range: 140 V - 270 V,Average life L70B50: 50000 hours Integral, electronic driver with APFC, lower THD,Output Short Circuit Protection, Surge Voltage,Protection, Over Voltage Protection &amp; other safety</p> <p>test as per IS:15885 Part 2/Sec 13.</p> <p><b>Model</b> <b>-Havells</b>  <b>STUPEWGP35WLED757SSYMTOPCGRY</b> or                  Equivalent With fixing Hook / Bracket along with anchor fastner Havells/Crompton / Philips / Wipro Or Equivalent etc as per specification &amp; All fittings shall be <b>2 Year Manufacturer Warranty</b></p>	NOS	2				
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57	<p>Supply, Installation, Testing &amp; Commissioning ,Transportation, Loading -Unloading of Light Point wiring through 20/25 mm PVC FRLS Conduit / Casing Capping (only Admin Staircase) with all required accessories with 2 Nos of 1.5 sqmm &amp; 1 no of 1.5 sqmm for earth PVC insulated Copper FRLS wires with Modular type switches, Ceiling rose / Holder fix in point , complete with all accessories as detailed in the specifications.The switch boxes &amp; Vertical Conduit recessed i/c Wall cutting &amp; refinish same. 1)Conduit/casing –precision.2)Wire-polycab/KEI.3) SWITCHES SOCKETS-LEGERAND/MYRIUS Primary light points (Switch control) 3 x 1.5 Sqmm Cu</p> <p>FRLS PVC insulated wires (Approximate Length-7-8 mtr.)</p>	POINT	15		-		
58	<p>Supply, Installation, Testing &amp; Commissioning ,Transportation, Loading -Unloading of Light Point wiring through 20/25 mm PVC FRLS Conduit / Casing Capping (only Admin Staircase) with all required accessories with 2 Nos of 1.5 sqmm &amp; 1 no of 1.5 sqmm for earth PVC insulated Copper FRLS wires with Modular type switches, Ceiling rose / Holder fix in point , complete with all accessories as detailed in the specifications.The switch boxes &amp; Vertical Conduit recessed i/c Wall cutting &amp; refinish same. 1)Conduit/casing –precision.2)Wire-polycab/KEI.3) SWITCHES SOCKETS-LEGERAND/MYRIUS Secondary light points with 3 x 1.5 Sqmm FRLS wires PVC insulated wires (Loop points after primary points) (Aproximate Length-5-6 mtr.)</p>	POINT	25		-		

59	Supply, Installation, Testing & Commissioning ,Transportation, Loading -Unloading of submain wiring Light / Power Point switch board circuit wiring through 20/25 mm PVC FRLS Conduit / Casing Caping (only Admin Staircase) with all required accessories with 2 Nos of 2.5 sqmm & 1 no of 1.5 sqmm for earth PVC insulated Copper FRLS wires, MCB DB to Switch board & Switchboard to Switchboard .	Mtr	100		-		
60	Supply Installation of Moduler 16A/6A Socket & 16A Switch with Indicator i/c Metal boxes recessed type as required Legrand ( Myrius) Or Equivalent	Nos	10				
61	4sqmm Copper Insulating Earthing Green wire with Copper lug Connection Polycab/ KEI/ Havells) Or Equivalent	MTR	650		-		
					-		
62	Dismantling & Relaying of Low Voltage cable Like Data, CCTV , Net, Etc. This cabling allredi laying in conduit but now same wire without disconnecting , relaying in existing laying Cable tray / PVC Trunking approximate Quantity 3000 to 3200 mtr. This work coordinates with Balmer Lawrie IT Engineer	Job	1				
63	Supply & making of Cable trench required Hard /Soft soil , Cement concert excavation , Inside clear distance 1200mm width & 1200mm Depth , & 200mm Thick Bricks Wall with Waterproof Fine finish Double coat Cement plaster & bottom 100mm Cement Concrete & Trench top 100mm RCC Cover with lifting hook for handling. ( Location Near Sub Station Building)	MTR	19		-		
64	Supply & Laying of 200mm x 2 nos Heavy Duty RCC Pipe i/c Hard / Soft soil ,Cement concert excavation 800mm depth. RCC Pipe ,Top & Bottom Cement concrete suitable for Heavy vehicle monument ( Location Back side gate )	MTR	12		-		

65	Supply & Laying of 200mm x 1 nos Heavy Duty RCC Pipe i/c Hard / Soft soil ,Cement concert excavation 1000mm depth. RCC Pipe ,Top & Bottom Cement concrete suitable for Heavy vehicle monument ( Location Back side gate )	MTR	25		-		
66	Supply & Laying of 75mm Dia "C " Class G I Pipe i/c Hard / Soft soil ,Cement concert excavation 500mm depth. G I Pipe ,Top & Bottom Cement concrete suitable for Heavy vehicle monument .( Location-Contener Yard )	MTR	48		-		
67	Dismantle of following Old /Defective /Unwanted material taken to contractor & given credit to M/S Balmer Lawrie & Co.. after dismantle Balmer Lawrie issue permission / Gate pass for material transportation <b>(Contractor to quote credit rate -consider @ Market Scrap value (-) Dismantle Charges = Credit value</b>	Job	1		-		
a	Sub Panel Admin Building	NO	1				
b	Sub Panel Work Shop	NO	1				
c	High Mast Panel	NO	4				
d	Hazardous Warehouse DB	NO	1				
e	All size Cable	LS	1				
f	Wire , Switches , Sockets, Conduits ,light fixture ,Earthing Material, any unused electrical / Hardware material .	LS	1				
	<b>Grand Total</b>						
	<b>GST</b>						
	<b>Total with GST</b>						
	<b>NB: PLEASE NOTE THAT THE ELECTRICAL AGENCY HAVE TO VISIT SITE BEFORE QUOTING</b> <b>THE PARTY HAS TO SUBMIT AS BUILT DRAWING AND SINGLE LINE DRAWING AFTER THE PROJECT</b>						



ALL TEST REPORT , WARRANTY CERTIFICATE .OPERATIONAL MANUAL SHOULD BE SUBMITTED BEFORE HANDING OVER THE PROJECT.					
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## **Integrity Pact**

Balmer Lawrie & Co. Limited (BL) hereinafter referred to as "The Principal".

And

-----, hereinafter referred to as "The Bidder/Contractor"

### **Preamble**

The Principal intends to award, under laid down organizational procedures, contract/s for -----

-----.

The Principal values full compliance with all relevant laws of the land, rules, regulations, economic use of resources and of fairness/transparency in its relations with its Bidder(s) and /or Contractor(s).

In order to achieve these goals, the Principal will appoint an Independent External Monitor (IEM), who will monitor the tender process and the execution of the contract for compliance with the principles mentioned above.

### **Section 1- Commitments of the Principal**

1. The Principal commits itself to take all measures necessary to prevent corruption and to observe the following principles:-
  - a. No employee of the Principal, personally or through family members, will in connection with the tender for, or the execution of a contract, demand, take a promise for or accept, for self or third person, any material or immaterial benefit which the person is not legally entitled to.
  - b. The Principal will, during the tender process treat all Bidder(s) with equity and reason. The Principal

will in particular, before and during the tender process, provide to all Bidder(s) the same information and will not provide to any Bidder(s) confidential/additional information through which the Bidder(s) could obtain an advantage in relation to the tender process or the contract execution.

- c. The Principal will exclude from the process all known prejudiced persons.
2. If the Principal obtains information on the conduct of any of its employees which is a criminal offence under the IPC/PC Act, or if there be a substantive suspicion in this regard, the Principal will inform the Chief Vigilance Officer and in addition can initiate disciplinary actions.

## **Section2- Commitments of the Bidder(s)/ Contractor(s)**

1. The Bidder(s)/Contractor(s) commit himself to take all measures necessary to prevent corruption. He commits himself to observe the following principles during his participation in the tender process and during the contract execution.
  - a. The Bidder(s) / Contractor(s) will not, directly or through any other person or firm, offer, promise or give to any of the Principal's employees involved in the tender process or the execution of the contract or to any third person any material or other benefit which he/she is not legally entitled to, in order to obtain in exchange any advantage of any kind whatsoever during the tender process or during the execution of the contract.
  - b. The Bidder(s)/Contractor(s) will not enter with other Bidders into any undisclosed agreement or understanding, whether formal or informal. This applies in particular to prices, specifications, certifications, subsidiary contracts, submission or non-submission of bids or any other actions to restrict competitiveness or to introduce cartelization in the bidding process.
  - c. The Bidder(s)/Contractor(s) will not commit any offence under the relevant IPC/PC Act; further the Bidder(s) /Contractors will not use improperly, for purposes of competition or personal gain, or pass on to others, any information or document provided by the Principal as part of the business relationship, regarding plans, technical proposals and business details, including information contained or transmitted electronically.
  - d. The Bidder(s)/Contractor(s) of foreign origin shall disclose the name and address of the Agents/representatives in India, if any. Similarly, the Bidder(s)/Contractor(s) of Indian Nationality shall furnish the name and address of the foreign principals, if any. Further details as mentioned in the "Guidelines on Indian Agents of Foreign Suppliers" shall be disclosed by the Bidder(s)/Contractor(s). Further, as mentioned in the Guidelines all the payments made to the Indian agent/representative have to be in Indian Rupees only. **Copy of the "Guidelines on Indian Agents of Foreign Suppliers' as annexed and marked as Annexure - A**

- e. The Bidder(s)/Contractor(s) will, when presenting his bid, disclose any and all payments he has made, is committed to or intends to make to agents, brokers or any other intermediaries in connection with the award of the contract.
2. The Bidder(s)/Contractor(s) will not instigate third persons to commit offences outlined above or be an accessory to such offences.

### **Section 3: Disqualification from tender process and exclusion from future contracts**

If the Bidder(s)/Contractor(s), before award or during execution has committed a transgression through a violation of Section 2, above or in any other form such as to put his reliability or credibility in question, the Principal is entitled to disqualify the Bidder(s) /Contractor(s) from the tender process or act as per the procedure mentioned in the "Balmer Lawrie Policy on Blacklisting". **Copy of the "Balmer Lawrie Policy on Blacklisting" is annexed and marked as Annexure - B.**

### **Section 4: Compensation for Damages**

- a) If the Principal has disqualified the Bidder(s) from the tender process prior to the award according to Section 3, the Principal is entitled to demand and recover the damages equivalent to Earnest Money Deposit/Bid Security.
- b) If the Principal has terminated the contract according to Section 3, or if the Principal is entitled to terminate the contract according to Section 3, the Principal shall be entitled to demand and recover from the Contractor liquidated damages of the Contract value or the amount equivalent to Performance Bank Guarantee.

### **Section 5: Previous Transgression**

- a. The Bidder declares that no previous transgressions occurred in the last three years with any other company in any country conforming to the anti-corruption approach or with any other public sector enterprise in India that could justify his exclusion from the tender process.
- b. If the bidder makes incorrect statement on this subject, he can be disqualified from the tender process or action can be taken as per the procedure mentioned in "Balmer Lawrie Policy on Blacklisting".

### **Section 6: Equal treatment of all Bidders/Contractors/Subcontractors.**

- a. The Bidder(s)/Contractor(s) undertake(s) to demand from all subcontractors a commitment in conformity with this Integrity Pact, and to submit it to the Principal before contract signing.
- b. The Principal will enter into agreements with identical conditions as this one with all bidders, contractors and

subcontractors.

- c. The Principal will disqualify from the tender process all bidders who do not sign this Pact or violate its provisions.

### **Section 7: Criminal charges against violation Bidder(s)/ Contractor(s)/Subcontractor(s).**

If the Principal obtains knowledge of conduct of a Bidder, Contractor or Subcontractor, or of an employee or a representative or an associate of a Bidder, Contractor or Subcontractor which constitutes corruption, or if the Principal has substantive suspicion in this regard, the Principal will inform the same to the Chief Vigilance Officer.

### **Section 8: Independent External Monitor/Monitors**

- (a) The Principal appoints competent and credible Independent External Monitor for this Pact. The task of the Monitor is to review independently and objectively, whether and to what extent the parties comply with the obligations under this Agreement.
- (b) The Monitor is not subject to instructions by the representatives of the parties and performs his functions neutrally and independently. He reports to the Chairman & Managing Director, BL.
- (c) The Bidder(s)/Contractor(s) accepts that the Monitor has the right to access without restriction to all project documentation of the Principal including that provided by the Contractor. The Contractor will also grant the Monitor, upon his request and demonstration of a valid interest, unrestricted and unconditional access to his project documentation. The same is applicable to Subcontractors. The Monitor is under contractual obligation to treat the information and documents of the Bidder(s)/Contractor(s)/Subcontractor(s) with confidentiality.
- (d) The Principal will provide to the Monitor sufficient information about all meetings among the parties related to the Project provided such meetings could have an impact on the contractual relations between the Principal and the Contractor. The parties offer to the Monitor the option to participate in such meetings.
- (e) As soon as the Monitor notices, or believes to notice, a violation of this agreement, he will so inform the Management of the Principal and request the Management to discontinue or take corrective action, or to take other relevant action. The monitor can in this regard submit non-binding recommendations. Beyond this, the Monitor has no right to demand from the parties that they act in a specific manner, refrain from action or tolerate action.
- (f) The Monitor will submit a written report to the CMD, BL within 8 to 10 weeks from the date of reference or intimation to him by the Principal and, should the occasion arise, submit proposals for correcting problematic situations.
- (g) Monitor shall be entitled to compensation on the same terms as being extended to /provided to Independent Directors on the BL Board.

- (h) If the Monitor has reported to the CMD, BL, a substantiated suspicion of an offence under relevant IPC/PC Act, and the CMD, BL has not, within the reasonable time taken visible action to proceed against such offence or reported it to the Chief Vigilance Officer, the Monitor may also transmit this information directly to the Central Vigilance Commissioner.
- (i)
- (j) The word 'Monitor' would include both singular and plural.

### Section 9 - Pact Duration

This pact begins when both parties have legally signed it. It expires for the Contractor 10 months after the last payment under the contract, and for all other Bidders 6 months after the contract has been awarded.

*Note : (The periods may be extended to suit the individual unit's requirements)*

If any claim is made / lodged during this time, the same shall be binding and continue to be valid despite the lapse of this pact as specified above, unless it is discharged / determined by CMD, BL.

### Section 10 - Other provisions

- a) This agreement is subject to Indian Law. Place of performance and jurisdiction is the Registered Office of the Principal, i.e. Kolkata.
- b) Changes and supplements as well as termination notices need to be made in writing. Side agreements have not been made.
- c) If the Contractor is a partnership or a consortium, this agreement must be signed by all partners or consortium members.
- d) Should one or several provisions of this agreement turn out to be invalid, the remainder of this agreement remains valid. In this case, the parties will strive to come to an agreement to their original intentions.

(For & on behalf of the Principal)

(For & On behalf of Bidder/Contractor)

(Office Seal)

(Office Seal)

Place .....

Date .....

Witness-1

Witness 2 :

(Name & Address)

(Name & Address)

\_\_\_\_\_  
\_\_\_\_\_

\_\_\_\_\_  
\_\_\_\_\_

### **GUIDELINES FOR INDIAN AGENTS OF FOREIGN SUPPLIERS**

- 1.0 There shall be compulsory registration of agents for all global (Open) Tender and Limited Tender. An agent who is not registered with BL Units shall apply for registration in the prescribed Registration Form.
- 1.1 Registered agents will file an authenticated photocopy duly attested by a Notary Public/ Original certificate of the Principal confirming the agency agreement and giving the status being enjoyed by the agent and the commission/ remuneration/ retainer-ship being paid by the principal to the agent before the placement of order by BL.
- 1.2 Wherever the Indian representatives have communicated on behalf of their principals and the foreign parties have stated that they are not paying any commission to the Indian agents, and the Indian representative is working on the basis of salary or as retainer, a written declaration to this effect should be submitted by the party (i.e. Principal) before finalizing the order.

### **2.0 DISCLOSURE OF PARTICULARS OF AGENTS/ REPRESENTATIVES IN INDIA, IF ANY.**

- 2.1 Tenderers of Foreign nationality shall furnish the following details in their offer:
  - 2.1.1 The name and address of the agents/representatives in India, if any, and the extent of authorization and authority given to commit the Principals. In case the agent/ representative be a foreign Company, it shall be confirmed whether it is real substantial Company and details of the same shall be furnished.
  - 2.1.2 The amount of commission/ remuneration included in the quoted price(s) for such agents/representatives in India.
  - 2.1.3 Confirmation of the Tenderer that the commission/ remuneration if any, payable to his agents/ representatives in India, may be paid by BL in Indian Rupees only.

- 2.2** Tenderers of Indian Nationality shall furnish the following details in their offers:
- 2.2.1** The name and address of the foreign Principals, if any, indicating their nationality as well as their status, i.e, whether manufacturer or agents of manufacturer holding the Letter of Authority of the Principal specifically authorizing the agent to make an offer in India in response to tender either directly or through the agents/representatives.
  - 2.2.2** The amount of commission /remuneration included in the price(s) quoted by the tenderer for himself.
  - 2.2.3** Confirmation of the foreign principals of the Tenderer that the commission/ remuneration, if any, reserved for the Tenderer in the quoted price(s), may be paid by BL in India in equivalent Indian Rupees on satisfactory completion of the Project or supplies of Stores and Spares in case of operation items.
- 2.3** In either case, in the event of contract materializing, the terms of payment will provide for payment of the commission/ remuneration, if any, payable to the agents /representatives in India in Indian Rupees on expiry of 90 days after the discharge of the obligations under the contract.
- 2.4** Failure to furnish correct and detailed information as called for in paragraph 2.0 above will render the tender concerned liable to rejection or in the event of a contract materializing, the same liable to termination by BL. Besides this, there would be a penalty of banning business dealings with BL or damage or payment of a named sum.

\* \* \* \* \*



Annexure - B



बामर लॉरी एण्ड कं. लिमिटेड  
(भारत सरकार का एक प्रतिष्ठान)  
**Balmer Lawrie & Co. Ltd.**  
(A Government of India Enterprise)

## Balmer Lawrie Policy on Black Listing

### Introduction

In the endeavour to maintain and foster ethical and corruption free business environment, the Supply Chain/Purchase/Contract & Procurement Procedure is being streamlined to include provision for banning or putting on holiday list vendor/supplier/contractor/consultant indulging in Corrupt, Fraudulent, Coercive and Collusive practices including laxity in services. In view of the complexity of the issue, it has become necessary to develop a comprehensive Policy encompassing the views of all stakeholders, our experience of Supply chain/ Purchase/ Project Execution / Services.

In the course of contracting, one has to deal with various vendors / suppliers / contractors /consultants who are expected to adopt and maintain highest standards and a high degree of ethics and integrity, commitments and sincerity towards the work undertaken by them. Any aberration, deviation and violation from the expected standards of supplies/services/ behaviour of the contracting agencies need to be dealt with appropriately so that it becomes a deterrent for all.

This policy is aimed at blacklisting the errant vendors and service providers by following laid down procedure.

Any business restriction on any person or group involves legal scrutiny and civil consequences and therefore, necessitating to provide an opportunity to the defendant to defend its case. The Banning Procedure given here in under is to be used for all Supply Chain/ Contracts/Services and Purchases functions across Balmer Lawrie & Co. Ltd.

Balmer Lawrie Purchase Manual provides for evaluation of performance of Vendors/ Suppliers /Contractors/ Consultants. Further, Fraud Prevention Policy of Balmer Lawrie also covers vendors, suppliers, contractors, service providers, consultants or any other external agency/person having business relationship and/or associated with the company in any manner, as well as their representatives.

This Policy contains provision for putting a Vendor/Supplier/ Contractor/Consultant on Suspension and/or on banning list if such agency indulged in corrupt/fraudulent/ collusive/coercive practice or failed to render services as per acceptable standards.

### A. Definitions

A.1 "Corrupt Practice" means the offering, giving, receiving or soliciting, directly or indirectly, anything of value to improperly influence the actions in selection process or in contract execution.

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- "Corrupt Practice" also includes any omission or misrepresentation that may mislead or attempt to mislead so that financial or other benefit may be obtained or an obligation avoided.
- A.2 "Fraudulent Practice" means and includes any act or omission committed by agency or with his connivance or by his agent by misrepresenting/ submitting false documents and/or false information or concealment of facts or to deceive in order to influence a selection process or during execution of contract/order.
- A.3 "Collusive Practice amongst bidders(prior to or after bid submission)" means a scheme or arrangement designed to establish bid prices at artificial non- competitive levels and to deprive Balmer Lawrie of the benefits of free and open competition.
- A.4 "Coercive practice" means impairing or harming or threatening to impair or harm directly or indirectly, any agency or its property to influence the improperly actions of an agency, obstruction of any investigation or auditing of a procurement process.
- A.5 Poor Services means services which are not acceptable to Balmer Lawrie in terms of specifications, quality, quantity, timeliness and not as per the verbal/written advice of dealing Executive/Officer of Balmer Lawrie.
- A.6 Vendor/Supplier/Contractor/Consultant/Bidder" is herein after referred as "Agency"
- A.7 "Appellate Authority" shall mean Committee of Directors consisting of Director (Finance) and Director (I/C) for SBUs/Functions under respective Directors.
- A.8 "Competent Authority "shall mean the authority, who is competent to take final decision for Suspension of business dealing with an Agency/ies and Banning of business dealings with Agency/ ies and shall be the "Director" concerned.
- A.9 "Allied Agency" shall mean all the concerns within the sphere of effective influence of banned/ suspended agencies. In determining this, the following factors may be taken into consideration:
- (a) Whether the management is common.
  - (b) Majority interest in the management is held by the partners or directors of banned/suspended firm.
  - (c) Substantial or majority shares are owned by banned/suspended agency and by virtue of this it has a controlling voice.
- A.10 "Investigating Agency" shall mean any department or unit of Balmer Lawrie investigating into the conduct of Agency/party and shall include the Vigilance Department of Balmer Lawrie, Central Bureau of Investigation, State Police or any other agency set up by the Central or state government having power to investigate.

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**B. Actions against bidder(s) indulging in corrupt / fraudulent / collusive / coercive practice**

B.1 The Competent Authority for Banning of any agency is the Director (In-Charge) of the SBU/Function.

**B.2 Irregularities noticed during the evaluation of the bids:**

If it is observed during bidding process/bids evaluation stage that a bidder has indulged in corrupt/fraudulent/collusive/coercive practice, the bid of such Bidder(s) shall be rejected and its Earnest Money Deposit (EMD) shall be forfeited.

Further, such agency shall be banned for future business with Balmer Lawrie & Co. Ltd. For a period specified in para B2.2 below from the date of issue of banning order.

A Vendor can also be banned for future business if he fails to supply products/services as per standards as prescribed in the tender or to the satisfaction of the company and its representative (s).

**B.2 Irregularities noticed after award of contract**

**B.2.1 (i) During execution of contract:**

If an agency, is found to have indulged in corrupt / fraudulent/ collusive /coercive practices, during execution of contract, the agency shall be banned from entering into any for future business with Balmer Lawrie for a period specified in para B2.2 below from the date of issue of banning order.

The concerned order (s) / contract(s) where corrupt / fraudulent/collusive / coercive practices or failure to provide standard products/services is observed, shall be suspended with immediate effect by SBU / Function Head whereby the supply/ work/ service and payment etc. will be suspended. Action shall be initiated for putting the agency on banning.

After conclusion of process, the order (s) / contract (s) where it is concluded that such irregularities have been committed shall be terminated and Contract cum Performance Bank Guarantee (CPBG) submitted by agency against such order (s) / contract (s) shall also be encashed. The amount that may have become due to the contractor on account of work already executed by him satisfactorily shall be payable to the contractor and this amount shall be subject to adjustment against any amounts due from the contractor under the terms of the contract. Any amount due on account of supply of poor quality of products/services shall not be payable. In case of poor quality of supplies then no amount is payable to the vendor. In case the Company get the supply of same goods from another party for the higher cost for meeting quality requirements such cost also will be recovered from the errant supplier / vendor.

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- (ii) After execution of contract and during Defect liability period (DLP) / Warranty / Guarantee period :

If an agency / vendor / service provider is found to have indulged in corrupt / fraudulent / collusive / coercive practices, or supply of poor quality of goods / products / services, after execution of contract and during DLP/ Warranty / Guarantee Period, the agency shall be banned for future business with Balmer Lawrie for a period specified in para B2.2 below from the date of issue of banning order.

Further, the Contract cum Performance Bank Guarantee (CPBG) submitted by agency against such order (s)/ contract (s) shall be encashed.

- (iii) After expiry of Defect liability period (DLP)/ Warranty/Guarantee Period

If an agency is found to have indulged in corrupt /fraudulent/ collusive/coercive practices or supply of poor quality products /services after expiry of Defect liability period (DLP)/Warranty/Guarantee Period, or during pendency of the service/products, contract for supply of goods/products/services, the agency shall be banned for future business with Balmer Lawrie for a period specified in para B2.2 below from the date of issue of banning order

#### B.2.2 Period of Banning

Banning period shall be reckoned from the date of banning order and ordinarily the period for which agency is banned should not be less than 6 months and should not exceed 3 years. However, in extraordinary circumstances, the period can be more than 3 years depending on the gravity of violations.

In exceptional cases where the act of vendor/ contractor is a threat to the National Security, the banning shall be for indefinite period.

#### B.2.3 Exceptional Cases:

- B.2.3.1 However as an exception, the ongoing order (s) / contract (s) where corrupt / fraudulent / collusive / coercive practice has been observed, or there has been a failure to adhere to the standards, the agency may be allowed to complete the supply / job in case of following situations :

- a) No adverse performance of the job as per scope of work (performance to be reviewed on quarterly basis) and;
- b) The supply / job is of critical nature in terms of adverse impact on the Project Completion Schedule and/or prospective revenue generation.

However, the discretion for the same rests solely with the company / its representative (s) and the vendor / contractor / supplier shall not have any right to demand the same.

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- B.2.3.2 The approval for allowing the agency to complete the supply / job is to be obtained from Director concerned based on the detailed deliberation / recommendation of the committee consisting of Head of SCM / Purchase, A&F, SBU / Function Head of the SBU. Such recommendation shall be put up to Director concerned through Corporate A & F Department and Corporate Legal department with their comments.

Further, all such cases shall also be put up to Board of Directors for their information.

After approval of competent authority to allow the agency to complete the supply / job, the agency will be allowed to execute the order/contract and payment shall also be made as per provision of order/contract.

- B.2.3.3 The Contract cum Performance Bank Guarantee (CPBG) of such agency against the order(s)/contract(s) where agency is allowed to complete the supply/job in above exceptional case shall not be en-cashed on this ground. The contract shall be executed as per terms and conditions of the contract. However, the agency shall be put on banning list from the date of banning order.

Also, in the event the contract is terminated owing to poor quality of products/services the CPBG may be encashed by the company.

**C Effect of banning on other ongoing contracts/tenders**

- C.1 If an agency is put on holiday/ banned, such agency should not be considered in ongoing tenders/future tenders
- C.2 However, if such an agency is already executing other order(s)1 contract (s) where no corrupt/fraudulent/ collusive/coercive practice is found, the agency should be allowed to continue till its completion without any further increase in scope except those incidental to original scope mentioned in the contract.
- C.3 If an agency is put on the Banning List during tendering and no irregularity is found in the case under process :
- C.3.1 After issue of the enquiry / bid / tender but before opening of Technical Bid, the bid submitted by the agency shall be ignored.
- C.3.2 After opening Technical bid but before opening the Price bid, the Price bid of the agency shall not be opened and BG/EMD submitted by the agency shall be returned to the agency.
- C.3.3 After opening of price, BG/EMD made by the agency shall be returned; the offer of the agency shall be ignored & will not be further evaluated. If the agency is put on banning list for fraud/ mis-appropriation of facts committed in the same tender/other tender where errant agency emerges as the lowest (LI), then such tender shall also be cancelled and re-invited.

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D. Procedure for Suspension of Bidder

D.1 Initiation of Suspension

Action for suspension of business dealing with any agency/(ies) shall be initiated By SCM/Purchase Department of the SBU/Function when

- i. Complaint from the indenting users' department / employees against the unsatisfactory / inferior / substandard service / product given by the Service Provider / Contractor / Vendor.
- ii. Corporate Vigilance Department based on the fact of the case gathered during investigation by them recommend for specific immediate action against the agency.
- iii. Corporate Vigilance Department based on the input from investigating agency, forward for specific immediate action against the agency.
- iv. Non-performance of Vendor / Supplier / Service provider / Contractor / Consultant leading to termination of Contract / Order
- v. The vendors / bidders / suppliers quoting wrong and misleading information while quoting for a Tender and the same is found out by the Tender Committee while preparing the TCR can also suspend such agency/bidder under these rules.

D.2 Suspension Procedure:

D.2.1 The order of suspension would operate initially for a period not more than six months and is to be communicated to the agency and also to Corporate Vigilance Department. Period of suspension can be extended with the approval of the Competent Authority by two months at a time with a ceiling of six months pending a conclusive decision to put the agency on banning list.

In the cases of supply of poor quality products / rendering poor services, a recommendation for suspension can be ordered by a committee comprising Indenting department head, Purchase / SCM head & SBU / Function Head.

D.2.2 The suspension order shall also be hosted on Balmer Lawrie's intranet and a copy will be forwarded to all SBU Heads by CSM/Purchase Department of the SBU/Function. During the period of suspension, no new business dealing may be held with the agency.

D.2.3 Period of suspension shall be accounted for in the final order passed for banning of business with the agency.

D.2.4 The decision regarding suspension of business dealings should also be communicated in writing to the agency.

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D.2.5 If a prima-facie, case is made out that the agency is guilty on the grounds which can result in banning of business dealings, proposal for issuance of suspension order and show cause notice shall be put up to the Competent Authority. The suspension order and show cause notice must include that (i) The agency is put on suspension list and (ii) Why action should not be taken for banning the agency for future business from Balmer Lawrie.

The competent authority to approve the suspension will be same as that for according approval for banning.

D.2.6 The process for putting the agency on suspension list shall be completed within 30 days from the date of receipt of such intimation as mentioned in clause no. D.1.

D.3 **Effect of Suspension of business:**

Effect of suspension on other on-going / future tenders will be as under:

D.3.1 No enquiry / bid / tender shall be entertained from an agency as long as the name of agency appears in the Suspension List.

D.3.2 If an agency is put on the Suspension List during tendering:

D.3.2.1 After issue of the enquiry / bid / tender but before opening of Technical bid, the bid submitted by the agency shall be ignored.

D.3.2.2 After opening Technical bid but before opening the Price bid, the Price bid of the agency shall not be opened and BG/EMD submitted by the agency shall be returned to the agency.

D.3.2.3 After opening of price, BG/EMD made by the agency shall be returned; the offer of the agency shall be ignored & will not be further evaluated. If the agency is put on Suspension list for fraud / mis-appropriation of facts conducted in the same tender/other tender where errant agency emerges as the lowest (L), then such tender shall also be cancelled and re-invited.

D.3.3 The existing contract (s)/order(s) under execution shall continue.

D.3.4 Tenders invited for procurement of goods, works and services shall have provision that the bidder shall submit an undertaking to the effect that (i) neither the bidder themselves nor their allied agency/(ies) are on banning list of Balmer Lawrie or the Ministry of Petroleum and Natural Gas and(ii) bidder is not banned by any Government department/ Public Sector Enterprise. This shall be part of NIT.

E **Procedure to be followed in case of corrupt/ fraudulent/collusive/coercive practice**

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- (i) If Project Manager/Project In-Charge / HOD / Dealing Purchase Officer/SCM Executive or any other authority of Balmer Lawrie, receive/acquire conclusive evidence of any corrupt/ fraudulent/collusive/coercive practice/ activity, the concerned should immediately initiate action for putting Agency/vendor/supplier/service provider on banning list as per extant procedure.
- (ii) In case of a corrupt, fraudulent, collusive and coercive practices, a committee consisting of concerned Head of SCM, A&F and Head of SBU will examine the case in detail.
- (iii) In case committee recommends for banning an agency, the committee will put up its recommendation to the concerned Director through Corporate A&F Department & Corporate Legal along with a draft Show Cause notice providing a final opportunity to the alleged defaulter to defend his case.

The show cause notice should contain all the allegations towards the breach committed by Agency including mentioning the provisions of the tender so breached and seeking explanation as to why the action should not be taken against the agency as per provisions of tender. All the supporting documents also need to be provided to the agency along with Show Cause notice.

If the Agency desires for personal hearing, the same can also be given.

However, the above provision for personal hearing shall not be made a part of Show Cause notice

- (iv) After obtaining approval from the concerned Director, SCM/Purchase Department of the SBU will issue the Show Cause notice to the concerned agency giving an opportunity to respond within 15 days.

In response to the Show Cause notice if the agency seeks any additional document(applicable only once), the same should be provided to the agency at the earliest but not later than 7 days. However, the period to respond in such a case will be appropriately adjusted. However, the agency cannot and shall not be allowed to seek documents repeatedly and seek extension of time on this ground to respond.

- (v) On receipt of reply in response to Show Cause notice, SCM/ Purchase Department will prepare a proposal covering point wise reply to issues brought out by the agency in their reply to Show Cause notice and forward their final recommendation for keeping the agency on Banning list or otherwise through SBU Head for obtaining the approval of the Director concerned after legal vetting through Corporate Legal department.

In case the committee recommends for putting the agency on banning list, the draft Speaking Order to be issued to the agency with reasons for putting on banning list will also be submitted along with their recommendation.

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In case Corporate Legal department make any contrary observation, the file may be referred back to , SCM/ Purchase Department for further deliberations and recommendation on the observation made by the Corporate Legal Department and further submission to Competent Authority.

While according the approval, reasons are to be recorded by the Competent Authority. These reasons shall also be put up by the committee along with their recommendations. In case Competent Authority does not agree with recommendation of the committee, it will record the reasons for the same. The decision of competent authority shall be final.

(vi) After obtaining approval from the concerned Director, SCM/Purchase department will issue a letter in the form of Speaking Order to the agency conveying the decision of putting the agency on the banning list along with reasons.

(vii) The banning order shall also be hosted on Balmer Lawrie's intranet and a copy will be forwarded to all SBU/Function Heads by SCM/Purchase Department of the SBU/Function. A list of all agencies put on banning will be maintained at Balmer Lawrie Intranet/website, mentioning the period of operation of such ban.

Further, if a communication has been received from the Ministry of Petroleum & Natural Gas or other PSUs to ban the agency from dealing with any PSE, the agency shall be automatically put in the banned list.

(viii) The above process of banning should be completed within 04months from initiation of case by concerned department responsible for invitation of bid.

(ix) Pending the outcome of suspension of work and Show Cause notice, a parallel tender can be invited and processed till Price Bid Opening (PBO) stage to save time required for re-tendering. Eventually, this tender to be concluded or otherwise based on the outcome of process of Show Cause notice.

(x) After issuance of banning order, action for termination of order(s)/contract (s) where it has been concluded that such irregularities have been committed and for encashment of Performance Bank Guarantee (PBG) against such order (s)/ contract (s), will be taken by concerned SCM/Purchase department as per extant DoA. The amount that may have become due to the contractor on account of work already executed by him shall be payable to the contractor and this amount shall be subject to adjustment against any amounts due from the contractor under the terms of the contract.

No risk and cost provision will be enforced in such cases i.e. The vendor / contractor is not entitled for any compensation on account of costs already incurred etc., by him.

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- (xi) An order for banning/ suspension passed for a certain specified period shall deemed to have been automatically revoked on the expiry of that specified period and it will not be necessary to issue a specific formal order of revocation. However, the listing of the defaulting vendor/supplier/service provider on the banned companies list shall stay permanently along with the period/duration.
- (xii) While putting the bidder on banning list as per the procedure, the holding company, subsidiary, joint venture, sister concerns, group/division of the errant agency shall not be considered for putting on banning list in case certain ongoing project is being executed by the same agency or its associates / allied agencies without any adverse observation. In all other cases banning of an organization will automatically apply to Allied Agencies.
- (xiii) In case of contract (s)consortium/ JV, of the consortium is put on banning list, in that case other ongoing contract(s)order (s) on consortium/JV shall continue subject to satisfactory performance. Further, order (s)/ contract (s) where such fraudulent / corrupt / collusive/ coercive practice have been noticed shall be terminated and Contract cum Performance Bank Guarantee (CPBG) submitted by agency against such order(s)/contract (s) shall also be encashed. No risk and cost provision will be enforced in such cases. However, in exceptional cases as mentioned at Para B2.3 hereinabove, the agency may continue after approval from competent authority as mentioned therein.

In case of fraudulent /corrupt /collusive/coercive practice by any member or leader itself, consortium including errant member &leader will be put on banning list and shall not be allowed to participate in the ongoing/future tenders in either as an individual bidder or as a member of consortium/JV.

- (xiv) In case any Project Management Consultant (PMC) detects the fraudulent /corrupt / collusive / coercive practice during evaluation and execution of any contract and recommendations made to Balmer Lawrie, the procedure mentioned hereinabove is to be followed after obtaining the documents from PMC for putting the agency on banning list.
- (xv) The banning shall be with prospective effect i.e future business dealings

F. Appeal against the Decision of the Competent Authority

- F.1 The agency may file an appeal against the order of the Competent Authority for putting the agency on banning list. The appeal shall be filed to Appellate Authority. Such an appeal shall be preferred within one month from the date of receipt of banning order.
- F.2 Appellate Authority would consider the appeal and pass appropriate order which shall be communicated to the Agency as well as the Competent Authority.
- F3 Appeal process may be completed within 45days of filing of appeal with the Appellate Authority.
- G. Wherever there is contradiction with respect to terms of 'Fraud Prevention Policy', and 'Policy on black listing in case of Corrupt/Fraudulent/Collusive/ Coercive Practice', the provisions of' the policy on black listing in case of Corrupt/Fraudulent/ Collusive/Coercive Practice' shall prevail.

Contd..../11..

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- H. The above procedures supersede all earlier circular/clarification on the subject.
  - I. This Policy on black Listing in case Corrupt / Fraudulent / Collusive / Coercive Practice /rendering poor quality products / services (Except Introduction, Sub-para B.2.3,E,H and I) shall be made a part of tender document.
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Annexure B

**Bid Security Declaration in Lieu of EMD**

(On Bidder's Letter Head)

Tender No.:

Name of Work: .....

I/ We, the authorized signatory of M/s ....., participating in the subject Tender

no.: xxxxx for the job of "-----" do hereby declare :

(i) That I / We have availed the benefit of waiver of EMD while submitting our offer against the subject Tender and no EMD being deposited for the said tender.

(ii) That in the event we withdraw / modify our bid during the period of validity OR I/ we fail to execute formal contract agreement within the given timeline OR I/ We fail to submit a performance security within the given timeline OR I/We commit any other breach of Tender Conditions / Contract which attracts penal action of forfeiture of EMD and I / We will be suspended from being eligible for bidding / award of all future contract (s) of Indian Oil Corporation Limited for a period of one year from the date of committing such breach.

Place :

Signature and seal of authorized signatory of Bidder: .....

Date :

Name of authorized signatory : .....

**ATTACHMENT - I**

**BANK GUARANTEE AGAINST PERFORMANCE**  
(ON NON-JUDICIAL PAPER OF APPROPRIATE VALUE)

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 Contractor)  
(hereinafter referred to as "the Contractor" which term or expression wherever the context so requires  
shall mean and include the partner or partners of the  
Contractor 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 Contractor 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 Contractor for (set out purpose of the job).

AND WHEREAS under the terms of the said Order the Contractor 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 Contractor 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 Contractor 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 Contractor 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.

NOW THIS GUARANTEE WITNESSETH as follows :

1. In consideration of the aforesaid premises at the request of the Contractor, we .....  
(set out the full name of the Bank) the Bankers of the Contractor 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 Contractor 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 Contractor 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 Contractor.
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.
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 :