



Balmer Lawrie & Co Ltd
(A Government of India Enterprise)
Administration Department
21, Netaji Subhas Road
Kolkata - 700 001

NON-STANDARD INSTALLATION OF SPLIT AIRCONDITIONERS

At

Balmer Lawrie & Co Ltd
21 NS Road, Kolkata 700001

Tender No. : [BL/HR/ADM/ACINST/PT/201920/0002](#) dated 24th December 2019

Due Date: 13th December Up to 6.00 PM

PART - I
(UNPRICED PART)

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NOTICE INVITING TENDER

Tender No. BL/HR/ADM/ACINST/PT/201920/0002 dated 24th December 2019

M/S BALMER LAWRIE & Co LTD invites Manual Bid from competent, experienced and resourceful air conditioner maintenance agencies only who holds below mentioned manufacturer authorization certification (as on date) for **maintaining domestic air conditioners of M/s Voltas, M/s Hitachi, M/s Bluestar, M/s Carrier.**

SCOPE OF WORK

The scope of the contract shall comprise of buyback of 32 nos. old & existing domestic split air conditioners and installation of 21 nos. new split air conditioners (1.5 Tr each) with customized/non-standard outdoor installation as per the detail technical specification attached in page no-16 and commissioning using necessary materials, labours, supervisory staff with erection tools and consumables etc. at 21 NS Road, Kol- 01.

(a) Removal of Dismantled Material: - All the dismantled material that is not being retained is redundant to Balmer Lawrie & the contractor agrees to take the subject materials elsewhere for use if any to him. Salvage value to be considered by the successful bidder and the net price quoted shall take consideration of reduction on account of this material. This Salvage value is to be quoted separately.

(b) Disposal: All items that are replaced will need to be taken away from site within 07 days of its dismantling with prior information to Balmer Lawrie with the complete list of such items. Salvage value for all such dismantled materials shall be quoted in the BOQ and net contract price arrived post reduction of the same.

SITE VISIT

The intending bidders must visit the work-site at 21 NS Road, Kolkata-700001 for assessing and understanding the scope of the work and familiarize themselves thoroughly with the site conditions before submitting their offer. Bid without visiting the job site, liable to be rejected.

COMPLETION TIME

Time is essence of the contract. Time schedule for the total work is (2) two months from the date of placement of Work Order or, handing over of site, whichever is later.

PRE-QUALIFICATION CRITERIA

Bidders having domestic air-conditions maintenance Certificate with any of the company's as stated below: -

M/s Voltas, M/s Hitachi, M/s Bluestar, M/s Carrier.

Average annual financial turnover of the tenderer shall be minimum of **INR 30 lacs** during last three financial years ending 31st March, 2018.

Must have previous experience (minimum one) towards execution of similar job where outdoor platform was commissioned, in the past. Work order for the same to be submitted.

Should have valid ESI certificate, to be submitted.

GST Certificate to be submitted.

TENDER DOCUMENTS

Tender Documents comprises two parts viz. Part-I (un-priced) and Part-II (priced). The Un-priced Part consists of Notice Inviting Tender, Conditions of Contract, Technical Specification. The Priced Part consists of Priced Schedule. The bidder is requested to download the tender document and read all the terms and conditions mentioned in the tender document and seek clarification if in doubt from the Tender Inviting Authority. For any clarifications please contact **Sri Dilip Kumar Das, Head (Administration & CSR)**, Email das.dk@balmerlawrie.com , and ph no. 033- 22225401.

The bidder has to keep track of any changes by viewing addendum / corrigendum issued by the tender inviting authority on time – to – time basis in the web platform i. e. www.balmerlawrie.com. The Company calling for tenders shall not be responsible for any claims/ problems arising out of this.

TENDER SUBMISSION

Tender to be submitted in sealed covers individually for price part & un priced part and both the sealed envelope to be putted in another sealed envelope; super scribing "Tender for Non-standard installation of air conditioners at Kolkata".

Detailed offer complete in all respects as stipulated in the General Conditions of contract should reach the Administration Department, by 6.00PM on 13 /01/2020.

The hardcopies as explained above should reach the office of Head (Administration & CSR), Balmer Lawrie & Co. Ltd, 21, Netaji Subhas Road, Kolkata-700 001, on or before the due date of submission of tender.

SUPPLY OF MATERIAL

The contractor shall supply all materials required for the work, along with all relevant tools, tackles, lifting equipment i. e. cranes to be arranged at his own cost.

TAXES & DUTIES

Rates quoted shall be exclusive of GST & duties, which will be extra as applicable.

PAN, GST, ESI REGISTRATION

Tenderers are required to submit PAN, GST registration, ESI registration along with un-priced part of their offer, failing which their offer may be liable to be rejected.

NON-CONFORMANCE

Tenders not conforming to the above-mentioned requirements are liable to be rejected.

VALIDITY OF OFFER

Tenders shall keep their offer valid for a period of **120 Days** from the date of opening of Technical bid.

RIGHT OF ACCEPTANCE / REJECTION

M/s Balmer Lawrie & Co Ltd reserves the right to accept or reject any tender either in part or in full without assigning any reason whatsoever.

Please acknowledge receipt and confirm your participation in this tender.

Thanking you,
Yours faithfully,
for **BALMER LAWRIE & CO. LTD.**
(DILIP KUMAR DAS)
HEAD (ADMINISTRATION/CSR)

CONDITIONS OF CONTRACT

1.0 DEFINITIONS

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

- 1.1 The "Owner/Client" shall mean M/s **Balmer Lawrie & Co. Ltd**; a company incorporated in India and having its Registered Office at 21, Netaji Subhas Road, Kolkata - 700 001, and shall include its successors and assigns.
- 1.2 The 'Project' shall mean "Installation-Commissioning of 21 nos. of split air conditioners with Buy-back of old 32 nos. air conditioners" of Balmer Lawrie Head Office at 21 NS Road, Kolkata - 700001".
- 1.3 The 'Engineer-In-Charge'/'Engineer' shall mean the Engineer /Officer authorized by the 'Owner' for the purpose of the contract for overall Supervision and Co-ordination of site activity and certification of billing.

2.0 RATES AND OTHER ENTRIES

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

3.0 RIGHT TO ACCEPT OR REJECT TENDER

The Owner reserves the right to accept or reject any or every tender without assigning any reason whatsoever / or to negotiate with the tenderer(s) in the manner the Owner considers suitable. The work may be split up if considered expedient. It may please be noted that bids of any tender may be rejected if a conflict of interest between the bidder and the Company/ its employees is detected at any stage.

4.0 POWER

Power required for the work shall be provided by the owner at free of cost.

5.0 ACCESS TO THE SITE

Contractor should visit the site and familiarise themselves thoroughly with the site conditions before submitting the tender.

6.0 SUPPLY OF MATERIAL

6.01 All materials required for the work shall be supplied by the contractor. In addition, all materials required for temporary and enabling work shall be arranged and provided by the Contractor. All incidental expenses, loading, unloading, transportation, handling, storage after delivery etc. shall

be the responsibility of the contractor and cost towards such expenses should be included in the finished item rates.

- 6.02 All other materials, as required to complete the works in all respects according to the contract rates shall be inclusive of all freights, sales tax, GST, service tax and other taxes, duties, CESS, royalties, loading, unloading, transporting, handling and storage charges etc.

7.0 TERMS OF PAYMENT

DESIGN, SUPPLY, INSTALLATION & COMMISSIONING WITH BUY BACK OF EXISTING LIFT- PART A

- 7.01 100% payment shall be released on successful completion of the entire job including taking away of old 32 nos. Ac's & submission of the invoice.

8.0 TAXES & DUTIES

Rates quoted shall be exclusive of GST, which will be payable extra as applicable.

9.0 COMPLIANCE WITH REGULATION & INDIAN STANDARDS

All works shall be carried out in accordance with relevant regulation, both statutory and those specified by the Indian Standards related to the works covered by these specifications. In particular the equipments and installation will comply with the following:

- (i) No Labour below the age of eighteen (18) years shall be employed on Work.
- (ii) Contractor shall not pay less than what is provided under law to labourers engaged by him on Work.
- (iii) Contractor shall at his expense comply with all labour laws and keep Owner indemnified in respect thereof.
- (iv) In addition to above, rules and regulations as contained in Contract Labour (Regulation and Abolition) Act, 1970 will also be applicable for this contract. For the purpose of registration as per the above Act, Contractor may contact Owner for further details.
- (v) Contractor shall secure full safety of the workers / employees engaged by him in the Site premises and shall take at his own cost, insurances and such other safety regulations for the said purpose.
- (vi) Factories Act.
- (vii) Indian Electricity Rules.
- (viii) Workmen's compensation Act.

10.0 IMPLEMENTATION OF APPRENTICES ACT 1964

Implementation of apprentices Act 1964 shall be strictly adhered to.

11.0 INSURANCE & INDEMNITY

Contractor shall at his own expense carry out and maintain insurance with reputable companies to the satisfaction of the Owner as follows:

(i) Insurance for Works and Contractor's Equipment

Contractor shall take out an All Risk Insurance policy in the joint names of the Owner and Contractor (Owner as the first beneficiary) including third party liability, against loss or damage from any cause covering the work executed to the estimated current contract value or Owner can directly take a 'contractors all risk' policy and recover the cost of such insurance from Contractor's dues.

The Contractor shall insure their Equipment against all loss or damage.

(ii) Workmen's Compensation and Employees' Liability Insurance:

Insurance shall effect for all contractors' employees engaged in the performance of this Contract. If any of the work is sublet, after necessary approval by the Owner, the contractor shall require the Sub-contractor to provide Workmen's Compensation and Employees' Liability Insurance for the Sub-contractor's employees, if such employees are not covered under the Contractor's Insurance.

12.0 LIQUIDATED DAMAGE

- i) If the contractor is unable to complete the jobs specified in the scope of work within the period specified in NIT, it may request owner for extension of the time with unconditionally agreeing for payment of LD. Upon receipt of such a request, owner may at its discretion extend the period of completion and shall recover from the contractor, as an ascertained and agreed Liquidated Damages, a sum equivalent to 1.0% of contract value for each week of delay or part thereof. The LD shall be limited to 5.0% of the total 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 caused 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 or in the even progress of Contractor's work is behind schedule, as judged by the engineer-in-charge.
- (iii) If in the opinion of the Engineer-in-Charge the works have been delayed beyond the day of completion -
- (a) by force Majeure or
 - (b) by reasons of exceptionally inclement weather or
 - (c) by reason of civil commotion, illegal strikes or lock-out affecting any of the building tradesmen in which case the Contractor should immediately give written notice thereof to the Engineer-in-Charge.

Then the Engineer-In-Charge may in writing make a fair and reasonable extension of time for completion of the works, provided further that the Contractor shall constantly use his best endeavor to the satisfaction of the Engineer-In-Charge to proceed with the works. Nothing herein shall prejudice the rights of the Contractor under clause herein above.

13.0 FORCE MAJEURE

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

14.0 ARBITRATION

Any dispute or difference arising under this Contract shall be referred for adjudication at Kolkata to a sole arbitrator to be appointed by the Chairman & Managing Director, Balmer Lawrie & Co. Ltd. and the provisions of Arbitration Act, 1996 including any statutory modifications or enactment thereof shall apply to the Arbitration proceedings. The fees of the arbitrator, if any, shall be paid equally by both the parties.

15.0 RIGHT OF OWNER TO TERMINATE THE CONTRACT

- (i) If the Contractor being an individual or a firm commits any 'Act of Insolvency' or shall be adjudged as insolvent or being an Incorporated Company shall have an order for compulsory winding up made against it, or pass an effective resolution for winding up voluntarily or subject to the supervision of the Court or shall be unable to carry out and fulfil the contract and to give security therefore, is so required by the Engineer-In-Charge.

Or if the Contractor (whether an individual, firm or incorporated company) shall suffer execution to be issued.

Or shall suffer any payment under this Contract to be attached by or on behalf of any of the creditors of the contractor.

Or shall assign or charge, encumber or sublet this contract without the consent in writing of the Engineer-in-Charge first obtained.

Or shall charge or encumber this contract or any payments due or which may become due to the Contractor thereunder.

Or if the Engineer-in-Charge shall certify in writing to the Owner that the Contractor -

- a) has abandoned the Contract or
- b) has failed to commence the works, or has without any lawful excuse under these conditions, suspended the progress of the works for 14 days after receiving from the Engineer-in-Charge written notice to proceed or
- c) has failed to proceed with the works with such due diligence and failed to make such due progress as would enable the works to be completed within the time agreed upon or
- d) has failed to remove materials from the site or to pull down and replace work for seven days after receiving materials or work were condemned and rejected by the Engineer-in-Charge under these conditions or
- e) has used sub-standard or inferior material or materials not conforming to the specifications or has employed inferior workmanship in carrying out the works or part thereof or has not exercised due diligence in execution of the said work, or
has neglected or failed persistently to observe and perform all or any of the acts, deeds, matters or things by this Contract to be observed and performed by the Contractor requiring the Contractor to observe or perform the same, or
- f) has to the detriment of good workmanship or in defiance of the Engineer-in-Charge's instructions to the contrary, sub-let or sub-contracted any part of the contract, or
- g) has failed to comply with the Engineer-in-Charge's instructions, or
- h) has in the opinion of the Engineer-in-Charge committed any breach of this Contract, then and in any of the said cases the Owner with the written consent of the Engineer-in-Charge may notwithstanding any previous waiver, after giving seven days' notice in writing to the Contractor terminate the Contract, but without hereby affecting the right of the Owner of the powers of the Engineer-in-Charge or the obligations and liabilities of the Contractor in respect of work, the contract shall continue enforce as fully as if the contract has not been so determined and the obligations of the contractor in respect of work subsequently executed shall continue as if the works subsequently executed has been executed by or on behalf of the

Contractor. And further, the Owner by its agents or servants shall be titled forthwith to enter upon and take possession of the works and all plants, tools, scaffoldings, sheds, machinery, steam and other power implements, machinery equipment and materials lying upon the site or the adjoining lands or roads and use the same as its own property and to employ the same by means of its own servants and workmen in carrying on and completing the work or by employing any other contractor and the Contractor shall not in any way interrupt or do any act, matter or things to prevent, intimidate or hinder such other contractor or other person or persons employed for completing and finishing or using the materials and plant for the work. When the works shall be completed or as soon thereafter as convenient, the Engineer-In-Charge shall give a notice in writing to the Contractor to remove his surplus materials and plant and should the Contractor fail to do so within the period of 14 days after receipt thereof by him, the Owner shall sell the same either by public auction or a private sale and shall be given credit to the contractor for the amount realized. The Engineer-In-Charge shall thereafter ascertain and certify in writing under this hand what (if anything) shall be due or payable to or by the owner, the expense or loss which the owner shall have been put to in procuring the works to be completed and the amount, if any, owing to the contractor and the amount which shall be so certified, shall thereupon be paid by the owner to the Contractor or by the Contractor to the Owner, as the case may be and the Certificate of the Engineer-In-Charge shall be final and conclusive and binding on the parties hereto. In the event of termination under this Clause, the Owner shall not be bound by any provision of this Contract to make any further payment to the Contractor until the said works are completed.

- (ii) Owner shall, at any time, be entitled to determine and terminate the Contract, if in the opinion of the Owner the cessation of the Work becomes necessary owing to paucity of funds or for any other cause whatsoever, in which case the cost of approved materials at the Site at current market rates as verified and approved by Engineer-in-Charge and of the value of the Work done to date by the Contractor shall be paid for in full at the specified in the Contract. A notice in writing from the Owner to the Contractor of such determination and termination and the reason therefore shall be the conclusive proof of the fact that the Contract has been so determined and terminated by the Owner.
- (iii) Should the Contract be determined under sub-clause of this clause and the Contractor claims payment to compensate expenditure incurred by him in the expectation of completing the Work, the Owner shall consider and admit such claim as are deemed fair and reasonable and are supported by the vouchers to the satisfaction of the Engineer-in-charge. The Owner's decision on the necessity and propriety of such expenditure shall be final and conclusive and binding on the Contractor.

16.0 HSE REQUIREMENT BY CONTRACTORS

Housekeeping

Contractors shall ensure that their work area is kept clean tidy and free from debris. The work areas must be cleaned on a daily basis. Any disposal of waste shall be done by the Contractor.

All equipment, materials and vehicles shall be stored in an orderly manner. Access to emergency equipment, exits, telephones, safety showers, eye washes, fire extinguishers, pull boxes, fire hoses, etc. shall not be blocked or disturbed.

Confined Space

Before commencing Work in a confined space the Contractor must obtain from Owner a Permit to Work, the Permit to Work will define the requirements to be followed. As minimum Contractors must ensure the following:

- Confined spaces are kept identified and marked by a sign near the entrance(s).
- Adequate ventilation is provided
- Adequate emergency provisions are in place
- Appropriate air monitoring is performed to ensure oxygen is above 20%.
- Persons are provided with Confined Space training.
- 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 Owner 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:

- Only approved full body harness and two shock-absorbing lanyards are used,
- Prior establishment of a rescue plan for the immediate rescue of an employee in the event they experience a fall while using the system,
- Anchorage points must be at waist level or higher; and capable of supporting at least the attached weight,
- Lifeline systems must be approved by Owner before use.
- 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.

- Fabricated ladders are prohibited.
- Ladders will be secured to keep them from shifting, slipping, being knocked or blown over.
- Ladders will never be tied to facility services piping, conduits, or ventilation ducting.
- Ladders will be lowered and securely stored at the end of each workday.
- Ladders shall be maintained free of oil, grease and other slipping hazards
- 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.
- 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 Owner.

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 manufacturer's 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:

- 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.
- Energized panels will be closed after normal working hours and whenever they are unattended. Temporary wiring will be de-energized when not in use.
- Only qualified electrical Contractor Personnel may enter substations and/or transformer and only after being specifically authorized by the owner.

Check List

**Vendor / Contractor Information,
BL/HR/ADM/ACINST/PT/201920/0002 dated 24th December 2019**

Sl. No.	Description	Details to be filled up by Vendor/Contractor
	Name1 (max. 35 char.)	
	Name2 (max. 40 char.)	
	Street/House No. (max. 50 char.)	
	Street1 (max. 40 char.)	
	Street2 (max. 40 char.)	
	PIN Code (Postal Index No. e.g. "700001") (max. 6 char.)	
	City/Place (e.g. "Kolkata" or "Dehradun") (max. 40 char.)	
	Country ("India" or "England" or as the name of country be)	
	State (Name the state from where the office of Vendor/Contractor operates)	
	First Tel. No.(with STD Code) : (e.g. 033-22225280 or 022-66552814)(max. 30 char.)	
	First Fax No. (with STD Code)	
	Contact Person	
	First Mobile No.	
	E-mail Address) (max. 40 char.)	
	GST Registration No-	
	PAN No. :	
	Local Sales Tax No.(VAT) :	
	Bank Name (max. 60 char.)	
	Street (max. 35 char.)	
	City (max. 35 char.)	
	Branch (max. 40 char.)	
	IFSC Code	
	MICR Code	
	Account No.	
	Type of Account (Current, Savings, etc.)	
	ESIC Registration Number	

**TECHNICAL
SPECIFICATION**

AIR CONDITIONER INSTALLATION WORK

1.0.0 SCOPE OF WORK- BL/HR/ADM/ACINST/PT/201920/0002 dated 24th December 2019

Standard installation of 21 nos. split AC at 21 NS Road, Kol-01.

Supply & installation of extra copper pipe (1/2"/ 1/4") as per unit wise requirement with insulation wrapping.

Supply & installation of 3 core electrical cable as per unit wise requirement.

10 nos. Support Structure of Outdoor unit at 2nd Floor: Design, fabrication, supply, loading, unloading, erection of support structure shall be under bidder's scope. For designing bidder needs to consider followings –

1. Dead Load of Outdoor Unit: 42 Kg (PI check and confirm)
2. Dimension of Outdoor Unit in mm: 895X650X368
3. Live load of one person: 4 KN / Sqm (IS 875 – Part II)

All other parameters not mentioned above, shall be considered to ensure safety and stability of the structure while designing. Bidder may visit the site and decide about option of installation, by anchor – fastening or support arrangement from ground. Entire structure shall be painted with one coat epoxy zinc phosphate primer followed by one coat MIO and two coats of epoxy enamel paint complete.

Supply & fittings of 11 nos. Iron angle for 11 nos. outdoor unit mounting to be done at 4th F roof.

Supply & fittings of drain pipe as per unit wise requirement.

2.0.0 BUY BACK OF OLD AC's

2.1.0 General

Buy back of the existing old 32 nos. AC's will be "as is where is" basis. Without offer for buyback of those ac's, bids of the particular vendor will be considered as rejected.



Balmer Lawrie & Co Ltd
(A Government of India Enterprise)
Administration Department
21, Netaji Subhas Road
Kolkata - 700 001

NON-STANDARD INSTALLATION OF SPLIT AIRCONDITIONERS PART – II (PRICED PART)

At Balmer Lawrie & Co. Ltd, 21 NS Road, Kolkata 700001

Tender No. BL/HR/ADM/ACINST/PT/201920/0002 dated 24th December 2019

Sl. No	Job Details	Approx. Qty	Unit Rate per Qty in INR excl. GST	Total Rate per Qty in INR excl. GST
1	Standard installation of Split AC	21 no's		
2	Supply & installation of extra copper pipe (1/2" / 1/4") as per unit wise requirement with insulation wrapping	570 ft		
3	Supply & installation of 3 core electrical cable as per unit wise requirement	575 ft		
4	Design, fabrication, supply, loading, unloading, erection of support structure shall be under bidder's scope. For designing bidder needs to consider followings – 1. Dead Load of Outdoor Unit: 42 Kg (Pl check and confirm) 2. Dimension of Outdoor Unit in mm: 895X650X368 3. Live load of one person: 4 KN / Sqm (IS 875 – Part II) All other parameters not mentioned above, shall be considered to ensure safety and stability of the structure while designing. Bidder may visit the site and decide about option of installation, by anchor – fastening or support arrangement from ground	10 no's		
5	Entire structure shall be painted with one coat epoxy zinc phosphate primer followed by one coat MIO and two coats of epoxy enamel paint complete	10 no's		
6	Supply & fittings of 11 nos. Iron angle for 11 nos. outdoor unit mounting to be done at 4th F roof	11 no's		
7	Supply & fittings of drain pipe as per unit wise requirement	50 ft		
8	Buyback of old AC	32 no's		

L1 EVALUATED PRICE = SUM OF RATE OF SR. NO 1 to 7 - RATE OF SR. NO 8 = Rs. -----INR + GST

Rs. In Words: ----- excluding GST as applicable.