



बामर लॉरी एण्ड कं. लिमिटेड
Balmer Lawrie & Co. Ltd.

(A Government of India Enterprise)
Engineering & Projects
21, Netaji Subhas Road
Kolkata - 700 001

**Supply, Installation, Testing and Commissioning of
Miscellaneous Electrical Items at**

AMTZ, ANDHRA PRADESH

Tender No. EP / AMTZ / CWH / MISC ELEC/ 11

Tender Date: 20.12.2019

Due Date: 27.12.2019 , 16:00 Hrs

Balmer Lawrie & Co. Ltd.
Engineering & Projects
NOTICE INVITING TENDER

M/S BALMER LAWRIE & CO. LTD. (BL) invites Single Part **ONLINE bids** in this prescribed format under Single Bid (i.e. Techno-Commercial and Price under single envelope) System from experienced Contractors for Supply, Installation, Testing and Commissioning of Miscellaneous Electrical Items as per specification mentioned elsewhere in the tender document.

1.0 SCOPE OF WORK

The scope of work under this tender covers followings:

- a) SITC of 3 Phase 60 KVA Servo Controlled Voltage Stabilizer
- b) SITC of Outdoor Type Distribution Panel
- c) SITC of cabling
- d) SITC of cable termination
- e) SITC of GI Earth pit

Please refer the Technical Specification & Price Bid format for details:

2.0 PRE-QUALIFICATION (PQ) CRITERIA

The prospective tenderers shall fulfil the pre-qualification criteria and submit following documents in support of the same:

- a) Order copy and/completion certificate for SITC of electrical work
- b) GST Registration Certificate
- c) PAN

3.0 COMPLETION PERIOD

Time is the essence of the contract. The job shall be completed with **20 days** from the date of order.

4.0 DELIVERY ADDRESS

The job shall be carried out at the following address:

Balmer Lawrie & Co. Ltd.
C/o AMTZ Campus
Pragati Maidan
VM Steel Project S.O
Visakhapatnam, Pin- 530031
Andhra Pradesh, India

5.0 VALIDITY OF OFFER

Tenderers shall keep their offer valid for a period of **60 (Sixty) days** from the due date of this tender. Validity may be extended, if so advised by BL.

6.0 TYPE OF BID

Single covering techno-commercial and price under single envelope.

7.0 PROCEDURE OF EVALUATION

Placement of order will be decided based on overall L1 status of the bidder subject to acceptance of all other terms & conditions of this tender and without any deviation on technical specification.

8.0 FORCE MAJEURE

Any delay in or failure of the performance of either part hereto shall not constitute default hereunder or give rise to any claims for damage, if any, to the extent such delays failure of performance is caused by occurrences such as Acts of God or an enemy, expropriation or confiscation of facilities by Government authorities, acts of war, rebellion, sabotage or fires, floods, explosions, riots, or strikes. The Vendor shall keep records of the circumstances referred to above and bring these to the notice of the Engineer-In-Charge in writing immediately on such occurrences. The amount of time, if any, lost on any of these counts shall not be counted for the delivery period. On decision of BL/Owner arrived at after consultation with the Vendor, shall be final and binding. Such a determined period of time be extended by the Owner to enable the Vendor to deliver the items within such extended period of time.

If Vendor is prevented or delayed from the performing any of its obligations under this agreement by Force Majeure, then Vendor shall notify Owner the circumstances constituting the Force Majeure and the obligations performance of which is thereby delayed or prevented, within seven days of the occurrence of the event.

9.0 ARBITRATION

Any dispute or difference arising under this Contract shall be referred under jurisdiction of 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 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.

10.0 JURISDICTION

Notwithstanding anything contained in any other law, the courts in the city of Kolkata along shall have jurisdiction in respect of all or anything arising under this agreement and any award or awards made by the sole arbitrator

11.0 TERMINATION OF CONTRACT

In case of violation/breach of any agreed terms and conditions of contract and persistently failure/negligence to observe and perform all or any of the acts, deeds, matters or things to be observed and performed by the Supplier/Contractor

requiring the Owner to observe or perform the same, BL may cancel/terminate this contract .

13.0 CONFLICT OF INTEREST

The bids of any tenderer may be rejected if a conflict of interest between the bidder and the company is detected at any stage.

14.0 PAYMENT TERMS

- i) **90% of the basic order** value along with full taxes shall be paid after receipt of materials in good conditions and submission of bill/invoice.
- ii) **10% of the basic order** value shall be paid against commissioning against submission of PBG (Performance Bank Guarantee) of equivalent amount with validity of 18 months from the date of supply or 12 months from the date of commissioning whichever is earlier. PBG shall be submitted after completion of delivery.

15.0 WARRANTIES & GUARANTEES

Vendor shall guarantee BL and their authorized representative against any and all defects in manufacturing, workmanship, materials and performance for a period of twelve (12) months from the date of commissioning or eighteen (18) months from the date of supply whichever is earlier. Should any defect develop during the guarantee period, it shall be remedied promptly free of charge by the Vendor and all expenses for transportation of goods necessitated for such repairs or replacement shall be borne by the vendor.

17.0 LIQUIDATED DAMAGES

A reduction at **0.5% of the basic order** value per week or part thereof subject to a maximum of **5% of the basic order** value will be applicable for delay in completion schedule.

18.0 TAXES & DUTIES

GST shall be mentioned separately as per price schedule. Any taxes and duties other than GST shall be included in the basic rate.

19.0 TENDER SUBMISSION

The bid shall be submitted online only. No hardcopy of bid shall be submitted. If Price bid in hardcopy is submitted, bid will be rejected.

In case of any clarification/confirmation, please contact at Ph : 033 2222 5706, Sk Abu Jafor, Manager, Cell : 7893422855 , e-mail : Jafor.a@balmerlawrie.com

Yours faithfully,
for, **BALMER LAWRIE & CO. LTD.**

(G C Saha)
Head (Engg. & Projects)



Balmer Lawrie & Co. Ltd.

Engineering & Projects

INSTRUCTIONS TO BIDDER REGARDING BID SUBMISSION

1.0 PROCEDURE FOR BID SUBMISSION

The submission of offer can only be made through e-bidding as per following guidelines: :

1.1 BID SUBMISSION

The bidders shall submit their response through bid submission to the tender on e-Procurement platform at <https://balmerlawrie.eproc.in> by following the procedures given below. The bidder would be required to register on the e-procurement market place <https://balmerlawrie.eproc.in> and submit their bids on line. The bidders shall submit their offers comprising the Tender Document (Part-I), duly filled up (wherever required), stamped and signed along with all pre-qualification documents. The bidders shall download the tender document, upload the same along with scanned copies of all the relevant certificates, documents etc., duly filled in, stamped and signed, in support of their eligibility criteria/NIT in the e-Procurement web site. **The price bid file in pdf format shall be downloaded from the website, bidder to fill in their item-wise rates & amounts on hard copy, stamp, sign, scan and upload the same. Total Contract Price with GST shall be entered as 'Project Contract Total' while uploading price bid.**

1.1.1 Registration with e Procurement platform

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

Dedicated email : blsupport[at]c1india[dot]com			
Dedicated Helpdesk for Balmer Lawrie			
<u>Contact Person</u>	<u>E-Mail ID</u>	<u>Tel. No.</u>	<u>Helpdesk Nos are open from</u>
1. Mr.Tirtha Das (Kolkata)	tirtha.das@c1india.com	+91-9163254290	MON - FRI
2. Mr. CH. Mani Sankar (Chennai)	chikkavarapu.manisankar@c1india.com	+91-6374241783	MON - SAT
3. Ms. Ujwala Shimpi (Mumbai)	ujwala.shimpi@c1india.com	+91-22-66865608	MON - FRI
4. Helpdesk Support	blsupport@c1india.com	+91-	MON - SAT

(Kolkata)		8017272644	
Escalation Level 1			
Mr.Tuhin Ghosh	tuhin.ghosh@c1india.com	+91-8981165071	
Escalation Level 2			
Mr.Sandeep Bhandari	sandeep.bhandari@c1india.com	+91-8826814007	
Escalation Level 3			
Mr.Achal Garg	achal.garg@c1india.com		
In case, you are unable to get in touch with any of the Technical Support Associates, kindly drop a mail at blsupport@c1india.com mentioning your Name and Mobile No. One of our associates will get back shortly.			

1.1.2 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 Digital Certificate. They may contact Help Desk of C1 India Pvt. Ltd.

1.1.3 Corrigendum to tender

The bidder has to keep track of any changes by viewing the addendum/ Corrigendum's 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.

1.1.4 Bid Submission Acknowledgment

The user should complete all the processes and steps required for bid submission. The successful bid submission can be ascertained once acknowledgment is given by the system through bid submission number after completing all the processes and steps. Tender Inviting Authority and C1 India Pvt. Ltd. will not be responsible for incomplete bid submission by users. Users may also note that the incomplete bids will not be saved by the system and are not available for the Tender Inviting Authority for processing.

Before uploading scanned documents, the bidders shall sign on all the statements, documents, certificates uploaded by him, owning responsibility for their correctness/authenticity.

1.1.6 Disclaimer Clause

The Company (Balmer Lawrie & Co. Ltd.) nor the service provider (C1 India Pvt. Ltd.) is responsible for any failure of submission of bids due to failure of Internet or other connectivity problems or reasons thereof.

Fax/e-mail offers shall not be accepted. The company will not accept any responsibility for any delay in receipt or non-receipt of bidding document sent by post. Offers not conforming to the above mentioned requirements are liable to be rejected.

TECHNICAL SPECIFICATION

1. Specification of 1 no Servo Controlled Voltage Stabilizer

S N.	NOMENCLATURE	SPECIFICATION
1.	Rating	60KVA (Air cooled)
2.	I/P Voltage range	300V- 500V (Three phase)
3.	Input frequency range	50 Hz
4.	Nominal Output Voltage	415V internally settable to 380V or 400V
5.	Type of stabilizer	Suitable for unbalanced loads and wide input voltages
6.	Output voltage regulation	± 1% of nominal output voltage
7.	Average Correction rate	70V/sec.
8.	Servo Motor driver	A.C. synchronous stepper motor
9.	Single phasing prevention	By voltage sensing method
10.	Fault annunciation panel non latching LED indications <ul style="list-style-type: none"> • ON • High/Low • Latching LED Indication • Cut Off 	<ul style="list-style-type: none"> • Input present(For each phase) • Output normal(For each phase) • Input high (For each phase) • Input low(For each phase) • Phase reverse / Phase Fail • Overload • Output Trip
11.	Resetting mode	Automatic restart with option for manual restart
12.	Housing	Rack with pleasing aesthetics and foreign particles
13.	Input/ Output terminations	8- way termination connector for cable terminations and plates for fixing cable glands.
14.	Efficiency	>97%
15.	Metering	Analog meter for Volt, Current, frequency Input & output
16.	Electronic under/over voltage Cut off a. Upper limit b. Lower limit	480V 340V

2. Outdoor Duty Distribution Panel with followings:

a) Incomer:

100A, TPNL, MCCB, 25KA with Thermal Releases - 1No

2A, control fuse - 3 Nos.

LED Type R-Y-B Phase Indication Lamps. - (1 set)

125/5A, CL-1,15VA tape wound CT's - 3 nos., Ammeter

b) Outgoings:

ii) 32A, 3P, MCB, 10KA breaking capacity with thermal releases - 4 Nos

iii) 63A, 3P, MCB, 10KA breaking capacity with thermal releases (SPARE) - 1 No

c) Busbar

i) 415V, 125A, 3Ph, 4wire 50Hz, Aluminium busbars (91E electrical grade) having Withstand ability symmetrical fault level of 25KA for 1 Sec. – LS

3. Approve Make:

Cables	:	Gloster/Polycab/Havells/Finolex/ Mescab/RR/RPG
Indicating Lamps & Push buttons	:	L&T/ABB/Siemens/BCH/C&S
Cable Glands	:	Electromeg/Comet/Flexpro /Braco/ Commet
MCCB/MCB	:	L&T/ABB/Siemens/Schneider/Legrand

PRICE SCHEDULE

Sl. No	Item Description	Unit	Qty	Rate (Rs)	Amount (Rs)
1.0	SITC of 3 Phase 60 KVA Servo Voltage Stabilizer as per Scope of Work and Technical Specification	No	1		
2.0	SITC of Outdoor duty Distribution Panel	No	1		
3.0	Supply and laying of 1.1KV grade PVC Insulated, Copper/aluminium conductor, Armoured and PVC sheathed cables (including supply of necessary clamping hardware, cable markers etc.) on existing cable tray/ or by clamping with building wall / structure /machine frame suitably of following sizes of cables as specified.				
a)	3.5C x 120 Sq.mm Aluminium Armoured Cable.	Mtr	100		
b)	4C x 16 Sq.mm Copper Armoured Cable.	Mtr	40		
4.0	LT Cable Terminations: Non-Flameproof Termination of following sizes of 1.1KV grade XLPE/PVC Insulated, aluminium conductor, Armoured and PVC sheathed cables including supply and fixing of double compression type brass cable glands, lugs (copper/alu. lugs) etc.				
a)	3.5C x 120 Sq.mm Aluminium Armoured Cable.	Nos	4		
b)	4C x 16 Sq.mm Copper Armoured Cable.	Nos	8		
5.0	Providing of earth station with GI plate 600mm x 600mm x 6mm thick complete with excavation supply and laying 75mm thick alternate layers of sand, coal and saltbrick chamber with cover plate having locking arrangements and watering pipe, funnel etc., complete as per IS 3043 including cost and conveyance of all materials, labour charges etc., complete for finished item of work.	Nos	6		
	SUB TOTAL				
	GST @18%				
	GRAND TOTAL				

Note:

- 1) Steel works as reqd. for execution of the job shall be included in scope without any extra cost.
- 2) The quantities mentioned above may change, however the rates should remain firm.
- 3) Payment will be made as per actual executed quantity