

**BALMER LAWRIE & CO. LTD.,
ASSOCIATE SERVICES
MANALI, CHENNAI – 600 068.
(Regd. Office: 21, Netaji Subhas Road, Kolkatta – 700 001)**

PH: 044 – 2594 6500/40/31

FAX: 044 – 2594 1156 / 2594 5006

Ref: BL/AS/MAN/DGSET/LT/201819/0021

Date : 29.10.2018

Due Date: 13.11.2018

To: All Registered parties

NOTICE INVITING TENDER
For SUPPLY AND INSTALLATION OF 30 KVA DG SET.

Balmer Lawrie (hereinafter referred to as BL) invites e-bids from competent agencies for supply and installation of 30 KVA DG set for our Manali complex

Scope of Work:

Supply and installation of 30 KVA DG set as per specifications given in Annexure-I to our Manali factory. Specifications given is indicative only. Vendor should give suitable to our requirement as per manufacturers' standard.

Validity of offer

The offer should be valid a period of 60 days from the due date of offer

Delivery

Delivery is expected within **6-8 weeks** from the date of LOI/PO or earlier. However, earliest possible delivery period shall be mentioned clearly from the date of drawing approval. Vendor has to submit GA drawing of the equipment for BL's approval within 7 days from the date of LOI/PO. BL will revert on approval with correction, if any within one week from receipt of drawing.

Rate

The items are to be supplied to our Manali Factory. The rate quoted should include packing & forwarding, if any, freight, insurance and delivery charges

Guarantee period

12 months from the date of commissioning or 18 months from the date of supply, whichever is earlier.

Payment terms

90% of basic with full duties and taxes with 30 days credit from the date of receipt and acceptance of material. Balance 10% of basic against Performance Bank Guarantee valid for one year extendable further by 3 months or after one year of retention period

Packing and forwarding

To be included in the basic price

Signature of the Tenderer:

Date:

Seal:

LD Clause

0.5% of basic value per week subject to maximum of 5% on total order value

Taxes & duties

Extra as applicable - % of tax to be mentioned in the Price bid

GST, HSN code and %

To be specified by tenderer

Transit insurance

To be included in the basic price

Transportation

To be included in the basic price

Unloading

To be included in the basic price

Civil work for erection

By Balmer Lawrie

1. CONDITIONS / PROCEDURE FOR ON-LINE BID SUBMISSION

The bidder would be required to register on the e-procurement market place <https://balmerlawrie.eproc.in> and submit their price bids online. **No offline bids shall be entertained by the Tender Inviting Authority.** The bidders shall submit their eligibility and qualification documents, Technical bid, Financial bid etc., in the standard formats prescribed in the Tender documents, displayed in eProcurement web site. The bidders shall upload the scanned copies of all the relevant certificates, documents etc., in support of their eligibility criteria / technical bids in the eProcurement web site. However, bulky documents (excluding price) need not be scanned and uploaded but physical copy of the same should be sent to the Tender Inviting Authority office before the tender opening date. The bidder shall sign on the statements, documents, certificates, uploaded by him, owning responsibility for their correctness/authenticity.

(b) PRICE BID SUBMISSION ONLINE:

Price bid shall be as per **Annexure –I** which needs to be submitted ONLINE as per the procedure given in e-portal for e-bidding.

1. Registration with eProcurement platform

For registration and online bid submission bidders, may contact C1 INDIA HELP DESK

Signature of the Tenderer:

Date:

Seal:

Dedicated helpdesk for Balmer Lawrie

Contact Person	email id	Tel No
1. Mr Tirtha Das (Kolkata)	Tirtha.das@c1india.com	+91-9163254290
2. Mr Partha Ghosh (Kolkata)	partha.ghosh@c1india.com	+01-8811093299
3. Mr Ch. Mani Sankar (Chennai)	chikkavarapu.manisankar@c1india.com	+91-8939284159
4. Help desk support (Kolkata)		+01-9017272644
5. Mr Tuhin Ghosh	tuhin.ghosh@c1india.com	+91-8981165071

Agencies can register themselves online by logging in to the website <https://balmerlawrie.eproc.in>

2. Digital Certificate authentication

The bidder shall authenticate the bid with his Digital Certificate before submitting the bid electronically on eProcurement platform and the bids not authenticated by digital certificate of the bidder will not be accepted on the eProcurement 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.

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 eProcurement platform <https://balmerlawrie.eproc.in> & balmer lawrie website www.balmerlawrie.com. The Company inviting tender shall not be responsible for any claims / other issues arising out of this.

4. Bid Submission Acknowledgement

The user should complete all the processes and steps required for bid submission. The successful bid submission can be ascertained once acknowledgement is given by the system through bid submission number after completing all the 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.

PRICE BID TO BE UPLOADED ON-LINE ONLY
SUBMISSION OF OFF-LINE PRICE BID WILL DISQUALIFY THE BIDDERS'S
PARTICIPATION IN THE TENDER

Corrigendum to tender

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

Signature of the Tenderer:

Date:

Seal:

the Tender Inviting Authority on time-to-time basis in our website www.balmerlawrie.com & our e-procurement portal <https://balmerlawrie.eproc.in>. The Company inviting tender shall not be responsible for any claims / other issues arising out of this.

Acceptance of Tender

The company reserves the right to accept or reject the offer in part or in full without assigning any reasons whatsoever and /Or to negotiate with tenderer(s) in the manner it considers suitable.

Arbitration

Any dispute or difference arising under this Contract shall be referred under jurisdiction of Chennai to a sole arbitrator to be appointed by the Chairman & Managing Director, Balmer Lawrie & Co. Limited and the provisions of Arbitration and 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 and binding on the parties. The proceeding shall be conducted in English language and courts at Chennai will have exclusive jurisdiction to settle any dispute arising out of this contract.

DISCLAIMER CLAUSES:

Neither 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.

AWARD OF CONTRACT

The contract will be awarded based on the overall lowest (L1) quoted tenderer of total value of contract provided in e-procurement portal as per the PRICE SCHEDULE

If required, the Company would carry out negotiation with the tenderers and it would be in the interest of the tenderers to give their most competitive rates.

Tender Document Submission: (excluding price bid)

Your offer shall comprise the following:

Annexure-1 duly filled in, signed with seal

Technical specification duly completed, signed with seal

Tender Document duly signed with seal in all the pages as token of acceptance of our terms and conditions

Your off-offer comprising all the above documents shall be kept in a sealed envelope superscribed as 'Unpriced offer for Supply and installation of 30 KVA DG Set', should reach the undersigned at our Manali office at the following address on or before 13.11.2018

Signature of the Tenderer:

Date:

Seal:

CM(HR)-SR
BALMER LAWRIE & CO. LTD.
Associate Services
32, Sathangadu Village, Manali,
Chennai – 600068.

Phone : 044 – 25946540
Fax : 044 – 25941156
email : barman.sd@balmerlawrie.com

for BALMER LAWRIE & CO LTD

Subrata Deb
Chief Manager (HR)-SR

Encl: Annexure-I (Contractor Details)
Annexure -II: Technical specifications.

Signature of the Tenderer:

Date:

Seal:

Annexure-I

30 KVA DG SET SPECIFICATION		VENDORS OFFER
Supply, installation, Cable laying , testing, and commissioning of 30KVA, 24KW, 415V/240V, 3Phase 4 Wire ,power factor 0.89 lag, 50 Hz DG set, Radiator cooled with alternator AC Output complete with AMF / ATS Panel , exhaust system, all filter and AUTO battery charger and location of DG Set with sound proof acoustic enclose with canopy MS fabricated base frame with AVM pads.and Earth pit, All other basic accessories etc		
DIESEL ENGINE ,ALTERNATOR , AMF/ATS panel SPECIFICATION		
Engine /Alternator	Kirloskar / Kirloskar Electric / Crompton Greaves/Cummins/Perkins – Alternator – Stamford/KEC/Jyoti	
Fuel Tank Capacity	150litres approx	
Standby Power	33kVA / 22KW	
Prime Power	30kVA / 24KW , BHP-42	
SPECIFICATION	Battery charging alternator with maintenance free battery	
	MICO In-Line fuel system with mechanical governor	
	Dual spin-on filter	
	Lube oil filter	
	Dry type air cleaner	
	Recovery bottle	
	Shut-off coil with safeties for LLOP/HWT/Overspeed	
	Flywheel and flywheel housing	
	Duty: Prime	
	Power Factor: 0.85 (lagging)	
	Frequency (Hz) and RPM: 50 Hz, 1500 RPM	
	Engine Power (hp): 38.5	
	Alternator confirming to BS 5000/IS 4722. The alternator is brushless type, screen protected, revolving field, self excited, self regulated through an AVR	
	Engine Required Power for Rated kVA (hp): 38.1 – pls specify	
	Cooling: Liquid Cooled (EG, Compleat 50:50) – pls specify	
	Aspiration: Turbocharged, Charge Air Cooled	
	No. of cylinders: 4 In-line	
	Bore (mm) x Stroke (mm): 95 x 127 (approx.)	
	Compression ratio: 18.3:1 (approx.)	
	Displacement (litre): 2.7 (approx.)	
	Fuel: High Speed Diesel	
	Fuel consumption @75% load with radiator and fan* (litre/hr): - pls specify	
	Fuel consumption @100% load with radiator and fan* (litre/hr): -pls specify	
	Starting system: 12 V DC Electrical	
	Lube oil specification: pls specify	
	Lube oil sump capacity, High-Low level (litre): pls specify	
	Total lubrication system capacity (litre): 8 (approx.)	
	Lube oil consumption @ full load** (litre/hr) – pls specify	
	Total coolant capacity (litre): – pls specify	
	Exhaust pipe size (inch): – pls specify	
Alternator Enclosure: IP23s		
Alternator Voltage regulation (Max.): ±1%		
Alternator Class of Insulation: H Class		
Alternator Winding Pitch: 2/3		
Alternator Stator Winding: Double layer lap		

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	Alternator Rotor: Dynamically Balanced	
	Alternator Waveform distortion/ Total Harmonic Distortion: No load < 1.5 %, Non distorting balanced linear load < 5 %	
	Alternator Maximum Unbalanced Load across phases: Less than or equal to 25%	
	Alternator Telephonic Harmonic factor: <2%	
Function of control panel	Automatic genset start/stop	
	Automatic battery charger and Battery charging alternator	
	Emergency stop	
	AMF (Automatic Mains Fault)	
	Remote control	
	Micro-processor based design	
	LED alarm indication and Sound alarm	
Display of the controller	Generator voltage: Uab, Ubc, Uca	
	Generator current: Ua, Ub, Uc	
	Generator temp.: °C/°F both display	
	Generator frequency: Hz	
	Generator power: kW, kVA, kWh, kVAh, kVAh	
	Generator starts count: 999999 times (Max)	
	Generator running hours	
	Generator pressure: kPa/Psi/Bar both display	
	Charging Voltage: V	
	Battery Voltage: V DC	
Protection of Diesel Generator	Over / Under Speed Alarm and Shutdown	
	Start / Stop Failure Alarm	
	Over Current Alarm and Shutdown	
	Under / Over Generator Voltage Alarm and Shutdown	
	Low Oil Pressure Alarm and Shutdown	
	High Engine Temperature Alarm and Shutdown	
	Over Load Alarm and Shutdown	
	Low and High Battery Voltage Alarm	
	Lose of Speed Signal Alarm and Shutdown	
	Charge Fail Alarm	
ATS panel	4Pole 100A Power Contactor and MCCB for MAINS E3 supply	
	4Pole 100A Power Contactor and MCCB for ALTERNATOR (DG power supply)	
	Supply and Laying of cable -DG to ATS panel 2run 50sqmm 3.5C Arm Al. Cable (required meter)	
	Reverse power relay	
	Mains and DG supply voltage sensing relay	
	Emergency stop push button D power ON indication for DG & EB	

Signature of the Tenderer:

Date:

Seal:

	DC control Contractors/ timers incorporating engine start/ stop three attempt starting facility and failure to start lockout.	
	Selector switch for Auto/ Manual/ Test	
	Selector switch for engine control OFF/ ON	
Noise Level permitted:	75dba at 1meter	
4Nos Earth pit (2NE & 2BE) – 2 Nos body earth pit, 2 Nos neutral earth pit as per IE standard	Providing and fixing of (i) earth electrode 100 mm diameter (NB) class B GI pipe of 3 meters length.13 mm diameter holes are to be drilled on the earth electrode at 150 mm intervals for a length of 2.5 meters from bottom portion of the GI electrode for watering purpose.(ii) Bottom portion of the GI earth electrode is to be made sharp for easy penetration into the soil. (iii)GI earthing strip of 300 mm (Length) x 10 mm (Thickness) x75 mm (Width) strip welded at 75 mm from top portion of GI earth electrode. Tapped holes of 12 mm diameter shall be provided on the GI earthing plate for connecting earthing strips to the earth electrode.(and also provide pit to pit GI strip and termination)	
	providing and filling of charcoal and salt including sand and water	
	Supply and providing of RCC earth pit chamber and cover	
	measurement of earth resistance he values are tabulated and submitted to concerned BL Engineer. If the earth pit resistances are not within the limits regeneration with charcoal and salt shall be carried out.	
	supply & laying and termination of Earth strip 6x50mm from DG to earth pit (also pit to pit) as per company required	
Exhaust system	Engine alternator assembly mounted on AVM with Silencer and S.S exhaust bellow suitably optimized to meet stringent sound emission standards as laid down by MOEF / CPCB.	
Sound proof Acoustic enclosure with Canopy	To be provided	
	Note : Specifications given are indicative only. Vendor should provide to meet our requirement as per manufacturers' standard	

Signature of the Tenderer:

Date:

Seal:

TENDER FOR SUPPLY OF 30 KVA DG Set
TENDERER DETAILS

Annexure-II

Vendor is requested to provide all the data in the table below, as applicable:

1.	Supplier Name	
2.	Address for communication	
3.	City	
4.	State	
5.	Postal code	
6.	Tel No	
7.	Industry Type*	Domestic / service vendor / MSME* / SSI* / NSIC * trader / others (specify it)
8.	If MSME/SSI/NSIC, whether under category SC/ST?	
9.	Contact person name	
10.	Mobile no	
11.	e-mail id	
12.	PAN No	
13.	GST No	
14.	HSN code	

*** - relevant registration/certificate copies shall be submitted.**

Signature of the Tenderer:

Date:

Seal:

PRICE BID

TENDER FOR SUPPLY AND INSTALLATION OF 30 KVA DG SET

<u>Sl No</u>	<u>Description</u>	<u>Qty</u>	<u>Amount</u>
1	Rate for Supply and installation of 30 KVA DG set As per specification given in the tender, including packing, forwarding, freight and insurance	1 No	
	GST %		

Signature of the Tenderer:

Date:

Seal: