



# Balmer Lawrie & Co. Ltd.

(G & L- Silvassa)

(A Government of India Enterprise)

Survey No 201/1, Sayali Rakholi Road, Sayli, Silvassa-369230(D&NH).

Phone- (0260)3260332, Fax-(0260)2680009, E-mail - srivastava.sk@balmerlawrie.com

## e-TENDER ENQUIRY

Tender No.: -GLS/TE17/094

Date: - 07/10/17

Due date: - 27/10/17 Till 5.00 PM

Dear Sirs,

**Sub: Supply, fabrication, fixing of MS frames and laying Composite (FRP) drain covers on our existing drainage system in plant.**

Online offers are invited as per **General Terms & Conditions, Undertakings and Obligations of Contractor, Scope of Work, Price Schedule** enclosed in annexure-A, B, C & D respectively.

Your offer, complete in all respect furnishing details should be submitted to us on or before the due date.

Thanking you,

Yours faithfully,

For Balmer Lawrie & Co. Ltd.

(Shobhit Srivastava)

Manager (Purchase)

Contact No. 09898896501

Encl.: As above



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## Annexure-A

### 1.0.0 General Terms & Conditions

#### 1.1.0 Instruction to Tenderers:

- 1.1.1 Before filling up, the complete Tender Specification should be read properly. Avoid overwriting while filling the tender papers. The tender document may also be downloaded from our web site [www.balmerlawrie.com](http://www.balmerlawrie.com) within the due date of the tender.
- 1.1.2 If the tenderer find any discrepancy, omission, ambiguity or conflict in or among the documents forwarded or be in doubt as to their meaning and interpretations; such matter shall be brought to the attention of the company (Balmer Lawrie & Co. Ltd.), at least four days in advance and prior to the date of filling/submission of the Tender.
- 1.1.3 The required job is very much in 'Suit at site' nature hence tenderer shall visit the site and make them thoroughly acquainted with the nature and requirements of the work, facilities for access of materials, mode of transport and storage and removal unwanted material.
- 1.1.4 Tender must contains any other information / enclosures as may be needed to complete the schedule job in all respect on a separate page/sheet under 'schedule of deviations'.
- 1.1.5 **Submission of tender will be the conclusive evidence as to the fact that the tenderer has fully satisfied themselves as to the nature and scope of the work, site conditions, General terms & conditions and all other factors, affecting the performance of the contract and the cost thereof.**
- 1.2.0 **Submission of offer:** - Bidder shall submit their online offer on our e-procurement portal only as per format given there. Unprice bid [Technical Bid] in a single bid/envelope, ***superscripting the envelope with tender no., date & due date*** along with following enclosures-
- 1.2.1 Covering letter with reference no. & date      1.2.2 EMD [Mentioned below]
- 1.2.1 **EMD/SD:** -The tenderer will be required to pay a sum of Rs. 10,000.00 ( Ten thousand only) as earnest money deposit (EMD) along with the tender by a/c payee pay order / demand draft on a schedule bank in favor of **Balmer Lawrie & Co. Limited, Silvassa**. The EMD of successful bidder will be considered as 'Security Deposit (SD)' and will be adjusted in the final bill and in case of non-successful bidders, it will be refunded after finalization of the order, without interest. Tenders submitted without EMD shall be rejected. Tenderer(s) belongs to SSI are not required to pay any EMD/SD but they have to provide valid proof of their SSI status.
- 1.3.0 **Selection & placement of offer:** A tenderer must have to quote for all the items/heads as mentioned in price schedule. Balmer Lawrie & Co. Ltd. reserve the right to reject/accept all or any offer(s) without assigning any reason whatsoever. Purchase/work order will be placed on a single **technically & commercially qualified vendor**, whose total price of entire job stands lowest.
- 1.4.0 **Jurisdiction:** - All disputes are subject to Silvassa jurisdiction.
- 1.5.0 **Job completion Period:** -The completion period of entire job should be **maximum 2 months** from the issue date of Purchase Order (PO) or LOI which ever is earlier. The job shall be carried out at our works at **Survey No 201/1, Sayli Rakholi Road, Sayli, Silvassa-369230(D&NH)**.



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- 1.6.0 **Liquidated damages:** -Vendor shall be liable to pay liquidated damages for the following:
- 1.6.1 Failure to complete the required job as per PO and handing over to BL within the scheduled period. In such case, vendor shall be liable to pay liquidated damages @ 0.5% of job contract value per week or part thereof subject to a maximum of 5.0%.
- 1.6.2 Any damage caused to the property and/or machinery (including its any part) of BL, directly and/or indirectly incidental to and connected with the execution of the work-In such case the loss shall be assessed by BL and vendor shall be liable to indemnify the value of such damaged property and/or machinery.
- 1.7.0 **Price schedule:** - The price shall be quoted for all the items/heads in/as per specified format as in "Online Price Schedule" to complete the job in all respect. **No escalation in price/value shall be allowed after placement of the order or during the execution of work at site.**
- 1.8.0 **Payment terms:** -90 % of PO value within/on 30 days credits after the execution of the job as per PO from the date of submission of bill and duly certified by BL. Balance 10 % of PO Value shall be kept as retention money & will be released after completion of guarantee period (without any interest) or against submission of performance bank guarantee.
- 1.9.0 **Performance Bank Guarantee (PBG):** - For an amount of 10% of the 'PO' shall be submitted as PBG. PBG shall be furnished in specified format and shall be valid for the guarantee period of 1 Year .
- 1.10.0 **Guarantee Period:** - **12 months** from the date of successful completion & acceptance of the total PO job from the date of its completion and 'site-handover' to BL. During this guarantee period the performance of the job has to be in line with the expected / agreed quality as per tender/PO and if not then vendor has to rectify the same at **no extra cost to Balmer Lawrie.** and to the satisfaction of BL/tender. After Guarantee period, there would be 2 years warranty in which vendor has to repair the damaged gratings/channels as per requirement on site and at no extra cost to Balmer Lawrie.
- 1.11.0 **Validity of offer:** - The offers shall remain valid for a period of 60 days from the due date of the tender.
- 1.12.0 **Working days & hours:** - All work required to be carried at BL's site, shall be done only during working days between 9:00 am. To 6:00 pm. However, relaxation in working days/hours can be considered by BL, if the situation permits but solely in the discretions of BL.
- 1.13.0 **Factory Rule:** -Your engineers/ workmen have to abide by the BL factory rules and regulations. Only adult and skilled workmen shall be allowed to work in BL premises.

Contact Person : .....

Contact No. : .....

Signature with official stamp



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Annexure-B

## 2.0.0 Undertakings and Obligations of Contractor

2.1.0 Man Power, Tools & tackles: Shall be arranged by the vendor.

## 2.2.0 Care of works

2.2.1 Proper care shall be taken during erection, commissioning and testing of the equipment to avoid damage to equipment and properties and injury to persons.

2.2.2 Contractor shall remove all wreckage, rubbish etc from site and stack the wastage at the space allotted for the purpose. On completion of the works, the contractor will keep the space clean and fit for occupation to the satisfaction of the company and demolish store, remove all debris, waste and surplus material supplied/created by them. In case the contractor does not maintain good housekeeping, the company has the right to get the work done and debit the cost to the contractor.

2.2.3 All necessary safety measures to be taken care as indicated in section 1104.

2.3.0 **Insurance:** The contractor shall cover the following insurance till the complete job is handed over.

2.3.1 All workmen/ persons employed by the contractor and subcontractor against accident, injury & death.

2.3.2 All material and entire installation against loss or damage during transit.

2.3.3 Vendor shall comply with all procedural requirements as defined in the insurance policy to ensure that it is alive till the successful commissioning or handing over of job to BL whichever is later.

## 2.4.0 Safety

2.4.1 Proper safety precautions and measures to be taken care of on the principle of “**Safety comes first**” during the entire contract period. The **contractor shall be bound to bear** any claim or compensation for the accidents, injury and death arising out of negligence on their part to ensure such safety measures including the expenditure for defense legal proceedings.

2.4.2 Care shall be taken to provide and maintain the following **safety measures and statutory safety rules** and act in force **by contractor**

2.4.3 Ladders and scaffoldings shall be provided for the work that cannot be done from the ground. Portable single ladders shall not be more than 8 meters. Additional labor should be provided for folding the ladders. Over hung platforms and platforms provided for the ladders and scaffoldings shall be of minimum 300 mm wide and shall be with rising of minimum 1000mm high.



- 2.4.4 Safety belts, helmets & goggles to be provided by the contractor to all the workmen.
- 2.4.5 Fabrication and welding gangs should be provided with gloves, protection-goggles, welding helmet etc.
- 2.4.6 Hoisting machines and tackles including their attachments, anchorage and supports of adequate capacity should be used for handling heavy equipments.
- 2.4.7 Workmen engaged in electrical work should be provided with gloves, and footwear's of adequate insulation value.
- 2.4.8 Workmen engaged in toxic chemicals, paints etc should be provided with gumboots, gloves, goggles mask and other protective attachment depending upon the depth of expected hazard.
- 2.4.9 All safety requirements depending on the nature of work should be provided to minimize the occurrence of accidents.
- 2.5.0 **Statutory rules and regulations:** Please note that this is a contract for work and accordingly all liability pertaining to this contract including those of the people engaged by the contractor solely rests upon the contractor. The contractor should also indemnify the Company against any deviation from the statutory rules and regulations to be observed by the contractor in respect of their people. **ESI/PF/Minimum Wages and all other statutory liabilities shall be borne by the contractor.**
- 2.5.1 **Life Protecting Netting System:** Successful vendor has to provide a "Life Protecting Netting" arrangement of suitable strength and size to protect 'Human', 'Debris' or both –by tiding a fall protection safety netting which can Catch Debris, Personnel or Both under each work front every time of work on site.(MANDATORY).  
(Visit link → [https://cdn2.webdamdb.com/md\\_00dtJmSGNn.png?1470143050](https://cdn2.webdamdb.com/md_00dtJmSGNn.png?1470143050))
- 3.0.0 **Undertakings and Obligations of BL**
- 3.1.0 **Power supply:** BL shall provide free one power point within battery limits. Contractor may use an extension cable at this own cost with prior permission of BL.
- 3.2.0 **Water supply:** BL shall provide free one connection within battery limits. Contractor may take an extension at this own cost with prior permission of BL.
- 3.3.0 **Storage:** BL shall provide space for storage of equipments, raw material etc. Temporary partition, doors etc if required shall be arranged by the vendor at this own cost.
- 3.4.0 **Security:** No special security other than normal plant security shall be provided.
- 3.5.0 **Materials:** NIL

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Contact No. :.....

Scope of Work

Annexure-C

- 1) Supply and installation of MS angles having dimension 35mm x 35mm x 6mm.
- 2) Fabrication of these angles to make Iron frames of different sizes for fixing of drain covers as per site dimension by cutting & welding.
- 3) Fixing the said frame on the top level of existing drain on both sides of drainage system by anchoring with anchor fasteners and provide suitable angle supports.
- 4) Civil work like groove cutting, concreting as per requirement for fitting of Iron frames, wherever required for completion of the job.
- 5) Painting the MS angles with Zinc oxide paint and providing anti-rust coating.
- 6) Fitting of Composite (FRP) Pultruded gratings on these MS angles to cover drainage system at site.

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### Technical Specifications of Pultruded Gratings

- 1) Item: Composite(FRP) Pultruded Grating
- 2) Glass Content in Pultruded Sections: Shall Not be less than 55%
- 3) Anti-Corrosive: The Gratings shall be manufactured using excellent corrosion resistant to wide range of chemicals, made by assembling of high strength I Beams of appropriate height, thickness, & spacing and very high strength Locking bars.
- 4) Resin composition: Ultra violet resin ISOPHTHALIC POLYESTER BASED RESIN
- 5) Pigment: Yellow (Self pigmented non painted).
- 6) Grating Size: Dimensional Details: 38 x 17 x 4 mm
  - o Web (I BAR HEIGHT) 38 mm-
  - o Flange: 17 mm
  - o Thickness: 04 mm
- 7) Filler content : NIL
- 8) Top Surface of Grating: Anti-Skid (Surface should be circular groove with proper symmetrical lines. The Manufacturer has to be manufacture/Produce using precession pultruded die, which will be acceptable. The I BAR Top Surface enriched with Sand acting as anti-skid agent will be strictly not accepted.
- 9) Size of Nose Bar & Groove Bars: Dia 13 mm
- 10) Top Gap Between two I Bars will be: 25 mm Inner to Inner Side
- 11) Locking Bar Centre to Centre Distance: Shall not be more than 150 mm
- 12) Locking Bars: The Pultruded Strip should not be drilled, precise Hole of 08 mm by the use of Power press machine tool is acceptable. Drill will be strictly not allowed
- 13) Depth of Load Bearing member of Grating: 38 mm
- 14) Load Members: The Load bearing member shall be suitable ties with the required nos of cross members.
- 15) Design: The Grating shall be design & manufactured to support 500 kg/m<sup>2</sup> (Point/Concentrated load) and temperature resistance of minimum 60 deg c.
- 16) Point Load: 500Kg/M.Sq
- 17) Grating should withstand uniform load capacity of 1500 Kg/ m.Sq and a concentrated load of MD, HD vehicle.



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- 18) The Grating should be manufactured considering span starting from width:450 mm to 650 mm as per BOQ.
- 19) Grating Locking Mechanism: Nose Bar & Groove Bars. The bars are to be manufactured using automated pultruded machine with proper slotting key mechanism to attain high tensile strength.

#### Other requirements :

1. On Manufacturing of Grating the same shall be offered for inspection. The inspection will cover Visual Inspection, Dimension check, Load V/S Deflection test, glass fibre content test, flame retardancy test & compressive strength.
2. Test certificates of each lot of material shall be provided by the manufacturer.
3. In case of mismatch the dimension of the fabricated member at the site, the same shall be systematically modified without any additional cost to the company.
4. The manufacturer should review the Technical specifications and B.O.Q to understand the drain sizes.
5. The Deflection characteristics are of not more than 3 mm, having mechanical safety factor of at least 2.0 along with necessary Fixtures.
6. The fixtures shall be strictly of SS 304 Clamps , Nut bolts and washers. Any metal clamps used by the bidder will be disqualified by the company.
7. The Pultruded Grating shall be manufactured using high strength Fiber glass and High grade of rovings to be used.
8. The manufacturer or bidder has to provide all the required documents, the bidder should be manufacturer (OEM) and any authorized person, which is authorized by the manufacturer will be qualified for quoting for the tender.
9. The manufacturer or the bidder have to provide all the test certificates of Grating such as, Load Test, Tensile Strength, Flexural Strength. etc. approved from NABL Lab along with the quotation.
10. The Bidder has to provide Drawings of its Gratings and all the above said documents along with the quotation to qualify for the tender.
11. The Composite (FRP) Gratings shall be suitable for industrial use in plant drainage systems.
12. The gratings shall be Flame Retardant.
13. The Gratings Shall be manufactured considering all the site conditions such as movement of heavy vehicles, such as Hydra, Fork Lift and other medium duty vehicles.
14. The Grating shall not have any sharp edges, and cutting has to be done precisely as per





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measurements provided.

15. Exact dimension of each drainage area shall be taken at the site by the contractor before starting fabrication work and exact width should be measured before manufacturing & fixing of the gratings.
16. Any Deviation from the above said specifications will be strictly not accepted by the company.

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Bidder's company:..... Offer No.:..... Date:.....

## Price Schedule ( Supply part-2 – FRP Gratings)

Annexure-D [page 2/3]

S.No	Zone	Length in mtrs. (a)	Width in mtrs. (b)	Total Qty (in Mtr) (c)	Area In Sq. Mtr d= a <b>x</b> b <b>x</b> c	Basic Price/Unit [Rs/Sq.Mtr] (e)	Total Basic Rate [Rs] f=d <b>x</b> e	HSN No.	GST %	GST amount/unit	Total amount including GST for entire Qty
1	A	1	0.4	44	17.60						
2	B	1	0.45	38	17.10						
3	C	1	0.5	81	40.50						
4	D	1	0.55	73	40.15						
5	E	1	0.6	95	57.00						
6	F	1	0.63	19	11.97						
7	G	1	0.75	31	23.25						
8	H	1	0.9	48	43.20						
9	I	1	1.5	6	9.00						
Total length in mtrs.				435							

Reference Only

Note :- The dimensions stated above are indicative and could vary at the time of actual work. Vendor can visit the site for measurement before quoting the bids and payment would be made for actual work only.

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Bidder's company:..... Offer No.:..... Date:.....

## Price Schedule ( Fabrication part)

Annexure-D [page 3/3]

Sr.No.	Description of Item	HSN No.	Qty.	Unit	Unit rate	GST %	GST amount/Unit	Total amount including GST for entire Qty
1	Fabrication of angle frame, fixing of angle frame with anchor fasteners and providing angle support for completing the job		1200	Mtrs.				
2	Civil work like groove cutting, concreting etc wherever required for fitting of the angle frames, as per the instruction of the site in charge:		400	Mtrs.				
	GST %							
	Grand Total							

Reference Only

Note :- The dimensions stated above are indicative and could vary at the time of actual work. Vendor can visit the site for measurement before quoting the bids and payment would be made for actual work only.

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Bidder's company:..... Offer No.:..... Date:.....

## Price Schedule ( Supply part-1-MS Angles)

Annexure-D [page 1/3]

Sr.No.	Description of Item	HSN No.	Qty.	Unit	Unit rate	GST %	GST amount/Unit	Total amount including GST for entire Qty
1	MS angles having dimension 35mm x 35mm x 6 mm		1200	Mtrs.				
2	Anti rust coating		1200	Mtrs.				
3	Zinc oxide paint		1200	Mtrs.				
4	Anchor fasteners 1.5 inches		5000	Nos.				
5	Holing 10 mm		5000	Nos.				
6	Anchoring to sides		5000	Nos.				
7	Transportation, delivery & loading/unloading charges							
	Grand Total							

Reference only

Note :- The dimensions stated above are indicative and could vary at the time of actual work. Vendor can visit the site for measurement before quoting the bids and payment would be made for actual work only.

Contact Person :.....

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Tender No.: -



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### **Procedure For Bid Submission**

The bidder shall submit their response through bid to the tender on "e-Procurement platform" at <https://balmerlawrie.eproc.in> by following the procedure given below.

### **Registration with eProcurement platform:**

For registration and online bid submission bidders may contact HELP DESK of M/s C1 India Pvt., Ltd., or they can register themselves online by logging in to the website <https://balmerlawrie.eproc.in>

### **Digital Certificate authentication:**

The bidder shall authenticate the bid with his Digital Certificate for 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. M/s C1 India Pvt Ltd. C104, Sector - 2, Noida 201 301. You may also get in touch with their Representatives :-

Name	Mail ID	Contact No
Mr. Ritabrata Chakraborty	ritabrata.chakrabortv@c1india.com	09748708094
Mr. Ravi Gaiwal	ravi.gaiwal@c1india.com	022-66865633
Mr. Tirtha Das	tirtha.das@c1india.com	09163254290

### **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.

#### **Note :-**

- a) Vendor has to be certified to ISO 9001 latest version, if applicable.
- b) Vendor to conform to all applicable legal (statutory and regulatory) requirements
- c) Vendor should provide test certificate with the instrument..
- d) Bids of any tenderer may be rejected if a conflict of interest between the bidders and Company is detected at any stage.

Last date for submission of on line bid is

**For Balmer Lawrie & Co. Ltd.**

**Shobhit Kumar Srivastava**  
Manager(Purchase)  
Balmer Lawrie & Co. Ltd  
Mobile No. 09898896501