

# Request for Quotation

Clay Facing-Brick & Brick-Slip Cladding Production Line

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NNL Bricks — Reoti, Ballia, Uttar Pradesh, India

RFQ reference: NNL/EXP/2026/01

Contact: Ayush Srivastava · [email] · [phone / WhatsApp]

Date: \_\_\_\_\_ · Please respond within 3 weeks

*CONFIDENTIAL — prepared for internal planning and financing discussions*

## 1. About Us & the Project

NNL Bricks operates an established clay-brick kiln in eastern Uttar Pradesh, India. We are setting up a modern, export-grade production line to manufacture extruded wire-cut facing bricks, multi-coloured facing bricks, and brick-slip cladding tiles for the premium Indian market and for export to the GCC, UK and EU.

We invite your quotation for the supply (turnkey or by section) of the production line described below. We are evaluating suppliers from China, Turkey, Italy, Spain and Germany and will select on the basis of product quality, consistency of fired colour, technical support in India, and total landed cost.

## 2. Products to Be Manufactured

Product	Specification	Priority
Wire-cut / extruded facing brick	230×110×76 mm & imperial 215×102.5×65 mm; smooth + rustic faces	Core
Multi-coloured / sanded facing brick	Natural mineral colours (reds, buffs, greys, blends); sand-faced & textured	Core
Brick slips / cladding tiles	~20–25 mm thin slices of facing brick	Core (Phase 2)
Clay pavers	Dense, high-abrasion	Optional

## 3. Capacity Required

- ~40,000–50,000 export-quality facing bricks per day, single-shift basis, with the line capable of scaling to ~80,000/day in a later phase.
- Please state your guaranteed output rate and the basis (bricks/hour, brick size, moisture).

## 4. Scope of Supply Requested

*Please quote each section separately AND as a complete line.*

### 4.1 Clay preparation

- Box feeder, primary crusher, fine roller mill (grinding to <1 mm; adjustable roll gap), double-shaft mixer. State throughput (t/h) and final particle size.

### 4.2 Vacuum de-airing extruder — critical

- De-airing vacuum level (target  $\leq -0.092$  MPa) and extrusion pressure; auger spec, motor power, output (bricks/h).
- Die / mouthpiece options for the brick sizes above; tooling included; cost of additional dies; wear-part life and replacement cost.

### 4.3 Cutting

- Automatic multi-wire cutter (length cutting) with adjustable sizes.
- (Phase 2) Brick-slip cutting line — multi-disc diamond saw for ~20 mm slips from fired brick; output (slips/h) and slip-thickness tolerance.

### 4.4 Drying

- Chamber or tunnel dryer using kiln waste heat; humidity-controlled. State drying cycle (hours), capacity, heat source, and crack-control approach for facing bricks.

#### 4.5 Firing — gas-fired tunnel kiln (preferred)

- Gas-fired tunnel kiln — we require consistent, matched fired colour. Confirm gas firing and atmosphere control.
- Kiln length, number of cars, firing cycle, max temperature, fuel consumption (per 1,000 bricks), and colour-consistency guarantee. If you also offer Hoffman/zigzag, quote separately but note we prioritise the tunnel kiln.

#### 4.6 Colouring / finishing (Phase 2)

- Engobe spray line and/or sanding & texturing rollers for coloured, antique and textured facing bricks.

#### 4.7 Material handling

- Kiln cars, transfer cars, setting/de-hacking provisions, conveyors.

### 5. Raw Material

We will provide a laboratory analysis of our local clay (chemistry, plasticity, iron/colour, firing range) on request / under NDA. Please state:

- What clay test data you need to confirm the line and the achievable colours.
- Whether you can run a trial / sample firing of our clay at your facility before order.

### 6. Technical & Commercial Information Requested

1. Itemised price for each section and for the complete line.
2. INCOTERMS: quote Ex-Works, FOB (your port), and CIF Nhava Sheva / Mundra (India) so we can compare landed cost.
3. Payment terms (advance %, against documents, etc.) and accepted currency.
4. Delivery lead time (weeks from order) and number of containers / total shipping weight & volume.
5. Installation, commissioning & training — scope, deputation of engineers to India, duration, cost.
6. Warranty period and terms; recommended spares list with prices.
7. Utility & civil requirements — connected power load (kW), gas type & consumption, water, compressed air, manpower per shift, and a proposed plant layout drawing with footprint (m<sup>2</sup>).
8. References / installations in India (or nearby) we can visit or contact.
9. Applicable export documentation support and HS classification of the machinery.

### 7. Evaluation Criteria

Fired-colour consistency · extrusion/de-airing quality · India service presence · guaranteed output · total landed cost · warranty & spares · references.

*Please send your quotation and technical proposal to the contact above by the date stated. We are happy to sign a mutual NDA to share our clay analysis and project details, and we look forward to a long-term partnership.*

## Addendum — for premium extruder-only suppliers

(Händle, Verdés, Bongioanni, Lingl) If you supply the extruder / clay-prep section only, please quote sections 4.1–4.3 in detail, and additionally advise:

- The recommended de-airing extruder model for export-grade facing bricks at our capacity.
- Die/tooling options and lead time.
- Whether you can recommend or partner with a tunnel-kiln supplier for the firing section.

## Cover Email (paste into email; one per supplier)

Subject: RFQ — Clay facing-brick & cladding line (~40,000 bricks/day), India

Dear [Supplier name] team,

We are NNL Bricks, an established clay-brick manufacturer in Uttar Pradesh, India. We are setting up a modern export-grade line to make extruded wire-cut facing bricks, multi-coloured facing bricks and brick-slip cladding tiles for the Indian premium market and for export to the GCC, UK and EU.

Please find attached our Request for Quotation (ref. NNL/EXP/2026/01) for a complete production line — clay preparation, vacuum de-airing extruder, cutting, dryer, and a gas-fired tunnel kiln — at ~40,000–50,000 bricks/day, with capacity to scale.

We would appreciate your itemised quotation (Ex-Works, FOB and CIF Nhava Sheva/Mundra), delivery lead time, installation & training scope, warranty, and any reference installations in India. We can sign an NDA to share our clay laboratory analysis, and would be interested in a trial firing of our clay if you offer it.

Kindly respond within three weeks. We look forward to building a long-term partnership.

Best regards,  
Ayush Srivastava — NNL Bricks, Reoti, Ballia, UP, India  
[phone / WhatsApp] · [email]