

Invitation for Bids

Tender Notice No.: 37 -1/075-76
(First date of publication:2075/10/22 (2019/02/05))

1. **Udayapur Cement Industries Ltd.** invites sealed bids from eligible bidders for the procurement of Design, Drawing, Supply of Diaphragm and Liner with Nut and washer for Cement Mill Installation in full Turn Key Basis at Plant site, Jaljale, Udayapur.
2. Eligible bidders may obtain further information and inspect the bidding documents at the head office of Udayapur Cement Industries Ltd., Jaljale Udayapur. Telephone No. 035-411012, Email: procurement@ucil.org.np.
3. Bidding documents may be purchased from the above 13:00 PM on **2019/03/06 (2075/11/22)** office of Udayapur Cement Industries Ltd. by eligible bidders on the submission of a written application along with the Notarized copy of firm registration, VAT certificate and Tax clearance certificate of F/Y 2073/74 from Notary Public office and upon payment of a non-refundable fee of NRs. **3000.00 (Three Thousands) only**. Or, the bidder who wishes to bid through electronically or e-bidding shall visit the website <http://www.ucil.org.np> > eprocurement system and may download bidding document and submit them.
4. Three sets of sealed Bid documents (One original + Two copies) as per ITB 22.1 must be submitted to the office of Udayapur Cement Industries Ltd., Jaljale, Udayapur as below: on or before 14:00 PM on **2019/03/06 (2075/11/22)**). Documents received after this deadline shall not be accepted.
5. Bids shall be opened in the presence of Bidders' representatives who choose to attend on 15:00 PM on **2019/03/06 (2075/11/22)** at the office of Udayapur Cement Industries Ltd., Jaljale, Udayapur. Bids must be valid for a period of 90 days counting from the day of bid opening and must be accompanied by bid security, amounting to a **minimum of 2.5% for Nepalese bidders and 5% for foreign bidders, of the quoted Bid amount (exclusive of VAT)** valid up to 120 days from the date of bid opening.
6. If bidder wishes to submit the Cash Security, the cash shall be deposited in Current Account No. of Sunrise Bank Ltd., Udayapur Branch, Jaljale, Udayapur: 02910096430012 or Global IME Bank Ltd., Udayapur Branch, Gaighat, Udayapur: 2201010000167 or NIC Asia Bank Ltd., Udayapur Branch, Gaighat, Udayapur: 4041230167524001 or Rastriya Banijya Bank Ltd., Gaighat, Udayapur: 209000053601 or Nepal Investment Bank Ltd., Gaighat, Udayapur: 03501040250283 or in any convertible currency in the form of bank draft in favor of UCIL and submit the receipt of the deposited amount of cash along with the tender document.
7. If the last dates of purchase, submission and opening fall on UCIL holidays, then the next working day shall be considered as the last day without any change in time and place. In such a case, the bid validity and bid security validity shall be recognized with effect from the original bid submission deadline.
8. UCIL may add any additional information as required for providing information to the bidders. But this additional information should not be in contrary to other provisions of the bidding document.
9. Udayapur Cement Industries Ltd. reserves the right to accept or reject, wholly or partly any or all the bids without assigning reason, whatsoever.



1. Technical Specifications

The following technical specifications' compliance should be filled by the bidder for T. No.37 -1 075-76 Design, Drawing, Supply of Diaphragm and Liner with Nut and washer for Cement Mill Installation in full Turn Key Basis

Item No.	Description of Manpower	Technical Description, Specifications, and Standards		The Bidder shall state as Fully compliant/Partially compliant/Non-compliant
		Qualification	Requirements	
1.	2.	3.	4.	5.
First (1 st) Lot				
1	Cement Mill 1st Compartment total Liners, bolts & washers Complete set		1 (One) lot	
Second (2 nd) Lot				
2	Cement Mill 1st Compartment Diaphragms with Nuts & bolts Complete set		1 (One) lot	
Third (3 rd) Lot				
3	Cement Mill 2nd Compartment Diaphragms with with nuts & bolts (Inlet & Out let) Complete set		1 (One) lot	
4	Design/ Drawing		1 (One) lot	
5	Erection/Commissioning and Performance Test		1 (One) lot	

Scope of Work

- Manufacturer, Supplier shall design/drawing of cement mill liner/Diaphragm at his own cost.
- Approved Design/Drawing from UCIL prior Manufacturing the goods.
- Composition of Liner /Diaphragm
 1. Design / drawing of liner & diaphragm.
 2. Supply of Liners, Diaphragms, Nuts & Bolts.
 3. Dismantling of Liner & Diaphragm
 4. Installation / erection of liner & diaphragm.
 5. Commissioning & performance test of Mill.
 6. Material-CC20, ISO Certified company & SGS Test required

Specification of Mill.

1. Shell dimension-36mm T x 3400mm dia x10800mm
2. Number of chamber -Two
3. Number of shell rotation-17.5 rpm
4. Shell rotating direction - clockwise, when seen from mill discharge side towards its feed side.
5. Material be ground-Clinker 97%, Gypsum3%
6. Grinding capacity-45 t/h (Blain 3400 cm²/gm)



7. circulation ratio-300%
8. Amount of grinding media -131 tons
9. Drive Motor-1600 Kw, 6600V,50HZ,1000rpm WIM



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**CEMENT MILL
SPECIFICATION**
UDAYAPUR CEMENT INDUSTRIES LTD.
JALJALE, UDAYPUR



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DATA SHEET

MECHANICAL EQUIPMENT		SHEET NO.
SECTION 2800 : Cement Grinding and Handling		
ITEM No.	DESIGNATION	DATA
2805	<u>Cement Mill</u>	
	Manufacturer & country of origin	
	Type	Tube mill
	Capacity	45 t/h (40)
	Feed size	Max. 30 mm
	Circulating load	Max. 300 %
	Diameter	3,400 mm
	Length	10,600 mm
	Thickness of shell	36 mm
	Number of compartment	2
	Number of manholes	2
	Rotation speed	17.2 rpm (20)
	Type of liner	No.1 -- Step No.2 -- Classifying
	Construction material	
	Shell	Mild steel
	Endplate	Cast steel
	Partition plate	Mild steel
	Bearing	High wear resistant cast steel
	Liner	Cast steel
	Accessories:	
	1 - Water injection device	
	Drive	
	Type	1,438 kW (561)
	Shaft horsepower	1,510 kW
	Motor outlet	1,000 rpm
	Motor speed	kwh/t
	Specific power consumption	Wound rotor in- duction motor
	Type of motor	1 x 15 kW, 1,000 rpm, IM
	Auxiliary drive	2 x 3.7 kW, 1,000 rpm IM
	Oil unit for bearing	3.7 kW,
	Water injection unit	3,000 rpm, IM

Drawn by G. J. G. G. G.



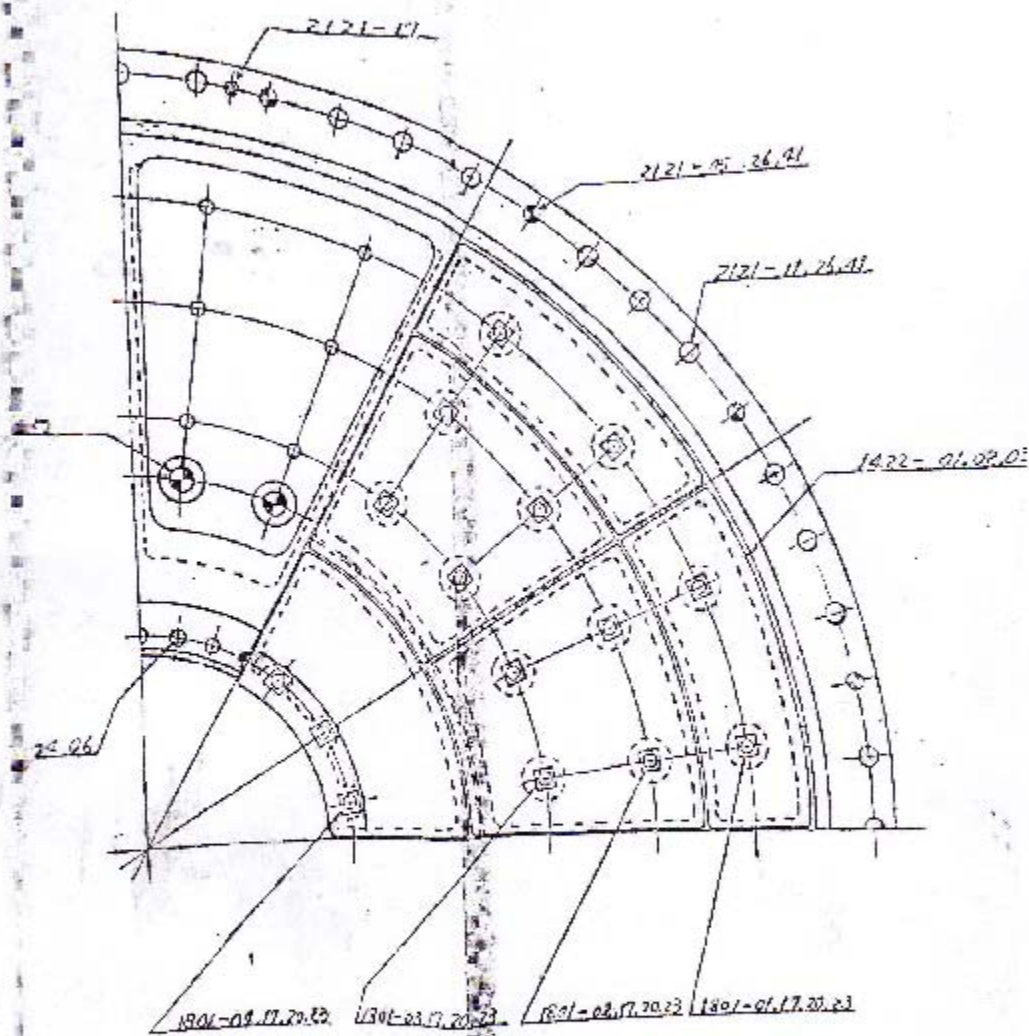
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The drive power is produced by a drive motor, and transmitted via a bevel gear reduction gear to a flexible plate coupling, torsion shaft, flexible plate coupling, which shafts and finally to a pinion. Large gear meshing with the pinion drives the shell into rotation.

Principal specification

- Capacity : 100 t/d
- Circulation system : Wet type in closed circuit, with internal water cooling system
- Material feed/discharge : Top feed/Center discharge
- Shell support : 16 supports support on feed side and discharge side
- Drive : Side drive, with 2-stage reduction gear
- Location : Indore
- Shell dimensions : 35 mT x 3,400 mm Ø x 10,800 mmL
- Number of chambers : Two
- Number of shell rotation : 17.5 rpm
- Shell rotating direction : Clockwise, when seen from the mill discharge side toward its feed side
- Materials to be ground : Clinker - 97 %
Gypsum - 3 %
- Grinding capacity : 45 t/h (Blaine 3100^{cm²/gm})
- Circulation ratio : Max. 200 %
- Amount of grinding medium : 181 tons
- Drive motor : 1,600 kW, 6,600 V, 50 Hz, 1,000 rpm, 219





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LIST OF BANK ACCOUNTS

S. No.	Commercial Bank	Location	Current A/C No.
1.	Sunrise Bank Ltd, Udayapur Branch.	Jaljale, Udayapur	02910096430012
2.	Global IME Bank Ltd., Udayapur Branch.	Gaighat, Udayapur	2201010000167
3.	NIC Asia Bank Ltd., Udayapur Branch.	Gaighat, Udayapur	4041230167524001
4.	RastriyaBanijya Bank Ltd.	Gaighat, Udayapur	209000053601
5.	Laxmi Bank Ltd	Gaighat, Udayapur	06011000406
6.	Nepal Bank Ltd.	Gaighat, Udayapur	17200100953266000001
7.	Nepal Bank Ltd.	Lahan, Siraha.	03600100288113000002
8.	Agricultural Development Bank Ltd.	Gaighat, Udayapur	1104600554630011
9.	Nepal Investment Bank Ltd.	Gaighat, Udayapur.	03501040250283
10.	Sanima Bank Ltd	Gaighat, Udayapur.	0530000004301



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PROCEDURE FOR E-BID SUBMISSION

1. Either Purchase the Bid document directly from UCIL office or may download the bid document from website and deposit the equivalent amount in the account of UCIL as specified in the notice.
2. Prepare the following documents in PDF format, scan and upload in the specified website.
 - i. Bid form
 - ii. Price Schedule.
 - iii. Firm registration, VAT/PAN, & Tax Clearance Certificate.
 - iv. Power of attorney.
 - v. Information sheet.
 - vi. Bid Bond Guarantee in Specified format.
 - vii. Cash Receipt or Bank voucher of bid document Purchase.
3. Bidder who have submitted their bids electronically should submit original bid documents within 7(Seven) days from the date of bid opening.



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Section IX. Summary of Bidding Document

S. No.	Indicators	Compliance Status
1.	Specification	
2.	Date of Notice	
3.	Last date of Submission date.	
4.	Date of Re-Notice	
5.	Last date of Submission date.	
6.	Bid Opening date & time.	
7.	Bid Bond Value for Nepalese bidders	2.50%
8.	Bid Bond Amount	
9.	Bid Bond Validity date.	
10.	Bid Bond Validity from Bid Opening date.	
11.	Price Validity Period	
12.	Delivery Period	
13.	Proof (Cash Receipt) for Tender/Quotation document purchase	
14.	Submission of e-bidding original documents.	
15.	All document notarized	
16.	Firm Registration	
17.	VAT/PAN Certificate	
18.	Tax Clearance Certificate	
19.	Declaration of Eligibility Letter	
20.	Power of Attorney	
21.	Single or Joint Venture	
22.	Authorization Letter	
23.	Source of Supply	
24.	Drawing, Catalogue & Leaflets	
25.	ISO Certificate	
26.	All page should be signature	
27.	Bid firm should be complete	
28.	Estimate Cost	
29.	Total Price Excluding VAT	
30.	Email:	

