



Punjab State Power Corporation Limited

(Regd. Office : PSEB Head Office, The Mall Patiala - 147001,
Corporate Identity Number : U40109PB2010SGC033813 Website: www.pspcl.in)

**OFFICE OF THE CHIEF ENGINEER/GGSSTP,
MATERIAL MANAGEMENT CELL-III, V&P.O. GHANAULI, ROOPNAGAR-140113
(FAX NO 01881-274232, PH NO 01881-275666)
(ISO 9001:2000 CERTIFIED)
e-mail : se-monitoring-ggsstp@pspcl.in**

To

Regd./Email

Limited Tender enquiry,
standardized firm's as per overleaf.

Memo No. 219/25 /P-3/EMP-11540

Dated: 9/1/19

**Subject: - Procurement of journal assembly seals for bowl mills of
stg-II & III (XRP-803 & HP-803).**

Enquiry No. 7105 /P-3/EMP-11540 dated: 9-1-19

Date & Time of Receipt of Tender 7-2-19 upto 11.00 A.M.

Date & Time of Opening of Tender 7-2-19 at 11.30 A.M.

(In case opening date happens to be holiday, tender shall be
opened on next working date at the same time)

Dear Sirs,

Please send your sealed quotation in duplicate in the
Performa attached on the firm prices for the supply and delivery of items
as detailed in Annexure-'A' enclosed. Enquiry No. and date of opening of
tender must be legibly mentioned at right top corner of sealed cover.
General terms & conditions shall be as per Annexure-'B' attached. For
each item, unit rates should be quoted strictly on the attached performa of
pricing schedule. Please note that if quoted rates are not as per attached
performa, the offer is liable to be rejected. Insurance and freight charges
should be quoted separately.

Also please note that competent authority may distribute the quantities to
be procured on more than one firm

The offer must be kept valid for atleast **120 days**

The following certificate must be furnished alongwith the quotation
otherwise quotation is liable to be rejected:

"Certified that the rates quoted are reasonable and these are not more
than those being charged from other Govt. departments".

**D/A- Annexure- A, B, I & II, Performa for Schedule of Deviation,
Performa of pricing schedule**


SE/Monitoring,
For GM/GGSSTP, Rupnagar

CC :-

- 1) Dy.C.E./MMC-II,GGSSTP,Rupnagar along with Annexure-A to check specifications and intimate, if there is any discrepancy please.
- 2) FA&CAO,GGSSTP,Rupnagar.
- 3) Notice Board.



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Annexure-'A'

ENQUIRY NO. 7105 /P-3/EMP- 11540 DT. 09-01-19


DETAIL OF MATERIAL AND TECHNICAL SPECIFICATIONS.

Sr. no	GGSSTP Code	Description	Qty reqd.
1	08050294	Oil seal ring (VITON) A-633 with (Metal clad) suitable for journal assy. of XRP-803 bowl mills.	60
2	08050607	Split oil seal (VITON) A-954 for journal assy. of HP-803 mills.	70

Terms and Conditions:-

- 1) Fax/Telegraphic/e-mail tender shall not be accepted.
- 2) The tender shall be sent in two separate envelopes as under:-
 - (a) **Part-1-** One envelope containing deposit of Earnest Money (if applicable) & Technical /Commercial bids.
 - (b) **Part-2-** The other containing the prices.While opening the tenders the envelope containing the Earnest Money (if applicable) & Technical /Commercial shall be opened first and in case the deposit of Earnest Money (if applicable) & Technical /Commercial is in accordance with the terms of notice inviting tender only then second envelope containing the tender (prices) shall be opened.
- 3) **The tender must be accompanied by EARNEST MONEY (if applicable as per Annexure-B)**
- 4) The rates should be quoted on FOR destination basis giving break up of FOR Destination price as per **Performa of pricing schedule** attached.
- 5) The Performa for price schedule enclosed with specification shall be filled by tenderers duly typed and **hand written prices shall not be accepted.**
- 6) In addition to the break-up of total price i.e. ex-works cost, GST, Freight, Insurance and Packing the bidders should also give split up of ex-works price.
- 7) **Split up of ex-works prices shall indicate cost of raw material, Labour component and overhead expenses.**
- 8) Raw material can further be divided into 3-4 parts depending upon type of material.
- 9) The offer should be kept valid for 120 days from date of opening of tenders.
- 10) The bidders are not allowed to indicate over all discounts on the quoted price for which split up has been given as mentioned in Sr. No. 6 & 7 above. However, quantity/payment discount can be given by the tenderer in the main tender.
- 11) Any firm offering discount on the quoted price or after the opening of tender will be out rightly rejected.

- 12) Competent authority may distribute the quantities to be procured on more than one firm.
- 13) All pages of quotation should be duly signed.
- 14) Quantity can be increased or decreased.
- 15) **Relevant literature/catalogue should be sent along with quotation.**
- 16) **Negotiation shall not be held except with lowest bidder.**
- 17) Random testing of material on receipt in GGSSTP Store irrespective of the fact whether or not it was inspected before despatch shall be carried out by PSPCL. In case of any failure the entire lot shall be rejected at the risk and cost of the supplier.
- 18) Any deviation from PSPCL's standard terms and conditions be clearly mentioned in quotation under "**Schedule of deviations**" otherwise all terms and conditions will be deemed to have been accepted.
- 19) **Firm should mention GST number in their offer.**
- 20) The firm must mention HSN code of all items in their offer along with GST applicable on them. Uniform GST rates shall be applied while comparison of rates.
- 21) The location for the supply of goods/services must be in the territory of Punjab as goods are meant for use in Punjab.
- 22) Sourcing of service should be made from an agency with its office located in the territory of Punjab rather than merely from HQ of that agency. (which may be located outside the state).
- 23) **Tenders should enclose copies of Orders/Contracts against which they have supply same material to Thermal Plant of other states.**
- 24) Any firm which at the time of opening of the Tender enquiry, falls in any of the following categories, shall be regarded as defaulter and shall not be eligible for participation in any new Tender enquiry for a period of three years from the date of issue of Purchase Order in which it has defaulted:-
 - a) The Firm is a defaulter for the supply of 35% or more quantity on the date of expiry of the Contractual Delivery Period for the total ordered quantity.
 - b) The Firm is a defaulter for the supply of any quantity for more than 6 months from the date of expiry of the Contractual Delivery Period for the total ordered quantity.This clause shall be applicable item wise (all types, sizes and ratings) against which the firm has become defaulter under the above said conditions.
- 25) **All other terms and conditions are as per Annexure - 'B' attached.**


SE/Monitoring
GGSSTP, Rupnagar.

Performa of pricing schedule

BREAK UP OF F.O.R. DESTINATION PER UNIT PRICE
(THIS MUST ACCOMPANY THE TENDER DULY TYPED)

NAME OF TENDERER : _____

QUOTED QUANTITY : _____

NATURE OF PRICE : **FIRM**

A)	Break-up	(Rs.)
1.	Ex-works per unit price inclusive of packing forwarding (forming part of production) a) Cost of Major Component per item b) Cost of Minor Component per item. c) Cost of Labour charges per item. d) Overhead expenses per item. e) Packing charges forming part of production cost f) Any other charges	
2.	GST @ _____ %	
3.	Sub total (1+2)	
4.	Packing cost (not forming part of production cost)	
5.	GST @ _____ %	
6.	Sub total (4+5)	
7.	Forwarding charges.	
8.	GST @ _____ %	
9.	Sub total (7+8)	
10.	Freight charges.	
11.	GST @ _____ %	
12.	Sub total (10+11)	
13.	Insurance charges	
14.	GST @ _____ %	
15.	Sub total (13+14)	
16.	Total (6+9+12+15)	
17.	All-inclusive FOR Destination per unit Rate (3+16)	

Note: 1. The firms should quote FIRM Prices only and offers of firms quoting variable prices shall be out rightly rejected

Name: _____

Designation: _____

Address and Seal of the firm

NOTES:

- i) If rate of GST in Para A is not given, the maximum applicable rate of GST, prevailing at the time of opening of tender, shall be taken into consideration.

- ii) The firms indicating NIL or concessional rate of GST in their tenders will have to absorb GST up to the full rate applicable at the time of tendering. The firm who do not agree to this stipulation or indicate GST as extra without indicating the applicable rate shall be loaded with maximum rate of GST for evaluation purpose.
- iii) In case quoted prices or any other declaration/ statement given in this annexure do not tally with the ones given in main tender or elsewhere, the ones given here shall be considered as the quoted price.
- iv) Any arithmetical error shall be considered to the advantage of the purchaser.
- v) The bidders shall not be allowed to indicate over all discount on the quoted price for which split up has been given. Any firm offering discount of the quoted price or after the opening of tender will be out rightly rejected.
- vi) The provisions of GST acts shall prevail upon wherever applicable in the terms and conditions of the specification.
- vii) The firm shall indicate the HSN code of each item.

ANNEXURE-C

SCHEDULE OF DEVIATIONS
(To be filled by tenderer)

Tenderer shall carefully state below any and all points in this proposal which are not in accordance with PSPCL's Technical Specification and the General Instructions:-

Sr. No.	Para no.	Technical Deviation, if any.
1.		
2.		
3.		
contd...		
Sr. No.	Para no.	General Deviation, if any.
1.		
2.		
3.		
contd...		

We hereby certify that the above mentioned are the only deviations from Purchaser's aforesaid specifications and general conditions.

Dated.

Authorized Signatory

Name: _____

Designation: _____

Address and Seal of the firm

Note: The tenderer is to clearly indicate any deviation in technical & general terms and conditions in this Annexure only. In case, the Technical Specification as well as General conditions of Tender Specifications are acceptable in toto, the word 'NIL' shall invariably be put in the above Columns. In case, nothing is mentioned here then it shall be presumed that there is no deviation in the offer and terms and conditions of the specifications are acceptable to the bidder in toto.

TECHNICAL SPECIFICATIONS.

Description : Various types of seals of VITON rubber with stainless steel spring for applications of bowl mills (XRP-803 & HP-803) as per sketch enclosed and material specifications given as below:-

Material : VITON RUBBER B 50 DUPONT

- i) Heel : Hard dense, rugged special asbestos rubber composition shore Hardness 100 and to withstand temp. up to 260 ° C.
- ii) Lip: Shore A hardness 80±5 to withstand temp. up to 260° C
- iii) Garter spring with hooked ends made of stainless steel.
- iv) VITON material properties.
 Density gm/cm³ - 1.8 to 1.9
 Tensile strength Kg/cm² (Min) - 130 Min.
 Elongations % age of Break point - 170 Min.
 Ageing Test after 5 days of heating of 230 ° C, the maximum increases in hardness is 6 % and max. reduction in elongation is 30%.
 Colour Black

1. TESTS:

- i) Performance test. The material should with stand the requirement of performance test specified in IS 5125-1987.
- ii) Test medium Servo mesh 680 of 10 ° C or equivalent
- iii) Testing temp : 100°C
- iv) Testing speed : 600 mtr. /min.
- v) Quality test for acceptance : The duration of test shall be continuous running for 24 hrs. followed by 2 hrs. rest. The total leakage during this test shall not be exceed 1 gram scale of sampling criteria of conformity shall be as per IS: 2500(Part-I 1973)
- vi) Workmanship & finish as per IS: 5129-2987 (Clause-6)
- vii) Press fit allowance & as per table 5 of IS: 5129-2987 tolerances
- viii) Sampling: For randomness of selection procedure as given in IS: 4905-1968 Method for random sampling.

2. Liquids in contracts: These seals are in contact with servo mesh Servo system-SP-220 of IOC or equivalent.

3. ENCLOSURES:-

3 copies of the test certificates for the specified in IS: 5125-1987 shall be furnished for each item of the consignment

- a) Performance test certificate : Quantum of oil leakage
- b) Workmanship & finish. : Good /Satisfactory
- c) Dimensional report : Actual dimension of seal OD/ID width.
- d) Viton Material properties:-
 1. Specific density.
 2. Tensile strength.
 3. Shore hardness.
 4. Elongation %age of break-point.

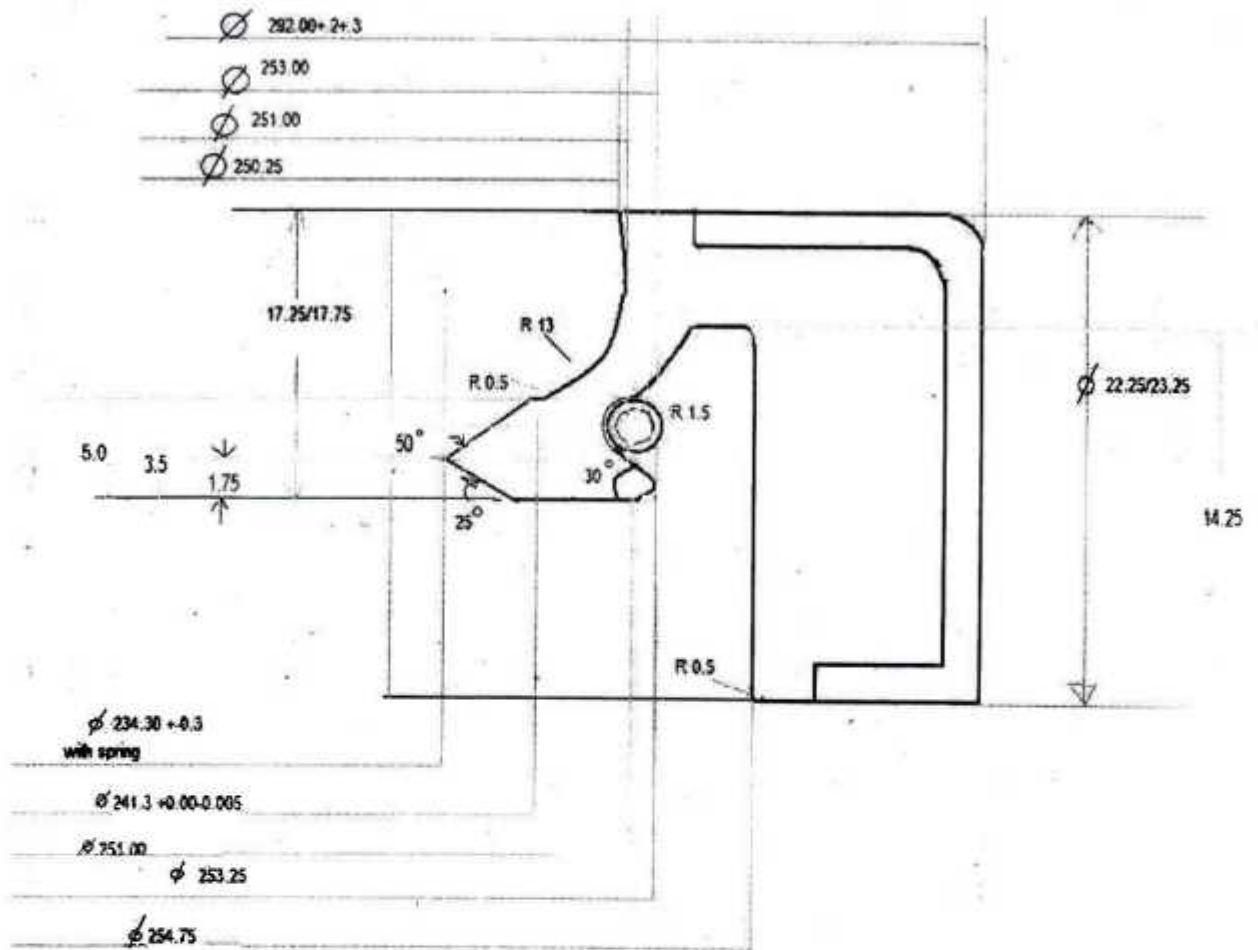
General Notes:-

- 1 Attached sketches are just rough sketches for estimation only.
- 2 Sample of these items can be seen at site, if required; samples can be collected on returnable basis against payment at quoted rates .
- 3 The manufacturer shall ensure proper fitment of all the items against existing ones and shall supply fitment warranty certificate against all the items.

ASE/AM-1

ASE/RM-I

Sr no. 1. (A-633)-Double Clad metal oil seal for journal assembly of XRP-803

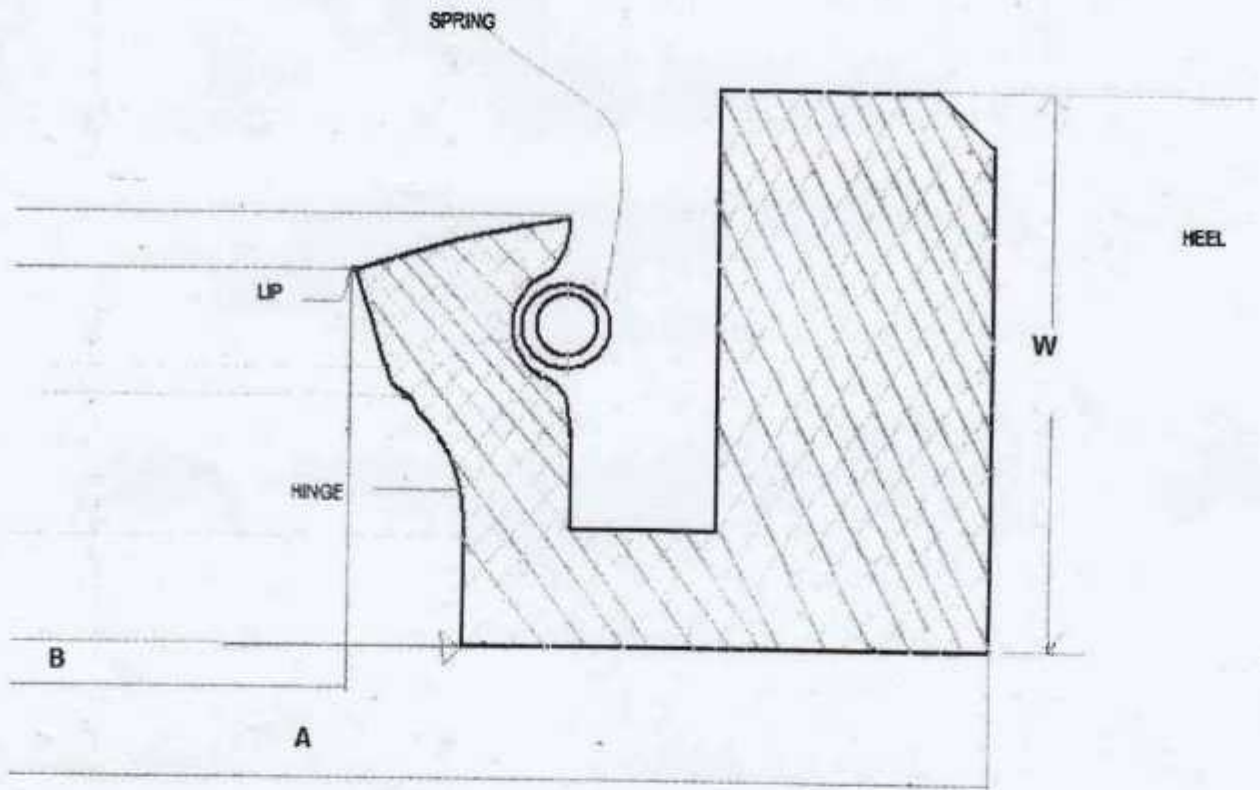


1	Material : VITON ,B-50 GRADE
2	Mounting Details a) Housing Dia- 292.1±0.05mm. b) Shaft Dia.-241.3±0.00-0.005 mm
3	Seal Dimensions a) Seal OD-292.00+0.2+0.3 b) Seal ID-234.30 ± 0.3 c) Seal Height – 22.25/23.55

[Handwritten signature]

A-954 Split oil seal for journal assembly of bowl mill HP-803

2/3



Mounting Details of split oil seal -A954				
Seal Description	Hsg dia A	Shaft Dia B	Width W	Mill type
A-954 split oil seal (Viton rubber with spring S.S) for journal assembly HP-803	342.90±0.15	305.00±0.03	19.0±0.3	HP 803

Handwritten signature or initials