



**BHARAT HEAVY ELECTRICALS LIMITED**  
**HEAVY PLATE & VESSELS PLANT**  
**VISAKHAPATNAM – 530 012, INDIA**

**MM/PURCHASE**

Email Tender Ref No. H012600161 Date:13.05.2026

Due Date:15.05.2026 (14.00 Hrs)

**Sub: Items required for Hydro testing of Panels.**

Tender is invited through email tender on Two-part bid basis for **Items required for Hydro testing of Panels.**

| Sl No. | Material code | Material description  | Qty  | UOM |
|--------|---------------|---|------|-----|
| 1      | VZ8878000060  | SEAL RING FOR TUBE ID 18.1 MM<br>Items are required as per drawing No: T4-392898-003            | 3000 | No  |
| 2      | VZ8878000063  | O RING ID 12 FOR GRIP JAW<br>Items are required as per drawing No: T4-392898-006                | 3000 | No  |
| 3      | VZ8878000061  | O RING FOR MANDREL ID 8.6<br>Items are required as per drawing No: T4-392898-007                | 3000 | No  |
| 4      | VZ8878000062  | SEALING WASHER ID 5 X OD 10<br>Items are required as per Item-1 of Drawing Number T3-392822-000 | 1500 | No  |

**Remarks:**

1. Delivery Term: FOR Destination: BHEL, Store, Visakhapatnam.
2. Delivery Schedule:
  - (a) Sample pieces for prove out: Minimum 30 nos. of each item within 6 days from the date of PO placement.
  - (b) 1st delivery: Minimum 300 nos. of each item within 10 days from the date of acceptance of the sample pieces.
  - (c) 2nd Delivery: Balance items within 45 days from the date of acceptance of the sample pieces.
3. Tender Evaluation: Package basis.
4. Offer from M/s Sri Prabhakara Enterprises, Vizag is only acceptable.

**(Confirmed By Supplier)**

**(Sign and Stamp)**



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**1. TENDER SUBMISSION:**

**A. The Bid shall be submitted in two Parts by e-mail- only to**  
Techno-commercial Offer: [technicalbid-hpvp@bhel.in](mailto:technicalbid-hpvp@bhel.in)

**Price Offer: [pricebid-hpvp@bhel.in](mailto:pricebid-hpvp@bhel.in). by mentioning the Tender Enq. No. as Subject along with the following documents:**

- a) Copy of GSTIN Registration Certificate.
- b) Copy of PAN card.
- c) Valid Udyam / Udyog Aadhaar Registration Certificate (if any)
- d) Copy of RTGS detail and cancelled cheque
- e) Signed & Stamped Tender documents

**Please do not mark any mail id in CC/BCC of e-mail while sending complete (technical and price) offer.**

**Note: All pages of tender documents and the various supporting documents enclosed by the bidder should be signed on all pages with seal.**

**B. The tender completed in all respects shall be sent by email only latest by 14.00 Hrs. on 15.05.2026.**

**Note:**

- 1) While sending tender documents through email, Tender enq. No. is to be written as subject**
- 2) Please do not mark any CC / BCC in email address. If done so, the system will not receive the offer and liable for rejection.**
- 3) Attachment size limited to 20 MB only. Bidder can submit their offer in multiple emails within the due date by splitting the attachments if more than 20 MB.**

Last date for receipt of tenders is **15.05.2026 up to 14.00 hrs.** BHEL-HPVP is not responsible for any delays in submission of offers.

**Offers received in any other form will not be accepted.**

**C. OPENING OF TENDERS:**

The bid will be opened on **15.05.2026** at **15.00 Hrs.** at Customer Cell, Adm. Building, BHEL- HPVP.



**BHARAT HEAVY ELECTRICALS LIMITED**  
**HEAVY PLATE & VESSELS PLANT**  
**VISAKHAPATNAM – 530 012, INDIA**

**MM/PURCHASE**

**PRICE BID**

**BHARAT HEAVY ELECTRICALS LIMITED**  
**HEAVY PLATES & VESSELS PLANT**  
**VISAKHAPATNAM – 530 012**

**Material Description: Items required for Hydro testing of Panels.**

**Tender Enquiry No: H012600161 dt.13.05.2026.**

| Sl No. | Material description  | Quantity (In Nos) | Unit Price (Per Nos) | Rate of GST | Net value (excluding GST) in ₹ | Net value (Including GST) in ₹ |
|--------|---|-------------------|----------------------|-------------|--------------------------------|--------------------------------|
| 1      | SEAL RING FOR TUBE ID 18.1 MM<br>Items are required as per drawing No: T4-392898-003            | 3000              |                      |             |                                |                                |
| 2      | O RING ID 12 FOR GRIP JAW<br>Items are required as per drawing No: T4-392898-006                | 3000              |                      |             |                                |                                |
| 3      | O RING FOR MANDREL ID 8.6<br>Items are required as per drawing No: T4-392898-007                | 3000              |                      |             |                                |                                |
| 4      | SEALING WASHER ID 5 X OD 10<br>Items are required as per Item-1 of Drawing Number T3-392822-000 | 1500              |                      |             |                                |                                |
|        | <b>Total Amount in ₹</b>  |                   |                      |             |                                |                                |

**Total Amount in Words:**

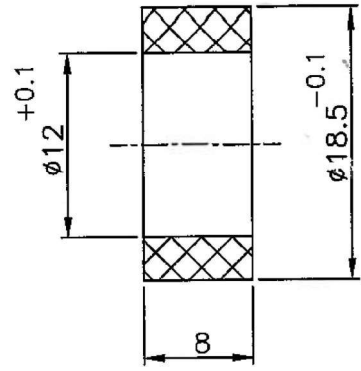
**Note:**

- 1) The prices shall remain fixed and firm for the entire period of contract.
- 2) The quoted prices shall be inclusive of all applicable **taxes and duties except GST** as applicable as on date of tender submission. However, GST as applicable shall be paid by Supplier and same shall be reimbursed on submission of proof of payment.

**SIGNATURE OF TENDERER WITH COMPANY SEAL**

*Handwritten mark*


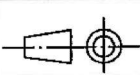
| TOLERANCE FOR UNTOLERANCED DIMENSIONS. |             |
|--|-------------|
| UPTO 6MM                               | = ±0.1 MM   |
| 6MM TO 120MM                           | = ±0.2 MM   |
| > 120MM                                | = ±0.5 MM   |
| ANGULAR TOLERANCE                      | = ±0.5 DEG. |
| CHAMFER                                | = ±0.5 DEG. |



**ALL DIMENSIONS ARE CRITICAL**

**SEAL RING**

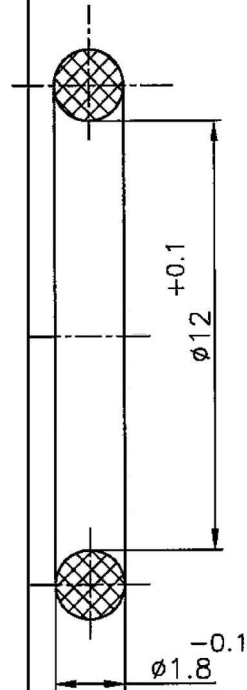
SHORE HARDNESS SHOULD BE 80°  
SURFACE SHOULD BE SMOOTH WITH GLAZING FINISH  
WITHSTANDING HIGH PRESSURE 600 kg/cm<sup>2</sup> WHILE HYDRO TESTING.

| 3   | SEAL RING   | VITON   | Ø18.5XB | 1                      | 0.006 | T3-392898-000      |
|---|-------------|---|---------|------------------------|-------|--------------------|
| ITEM  | DESCRIPTION | MATERIAL *  | SIZE    | QTY                    | WT/KG | PLUG ASSLY DRG NO. |
|  |             | <b>HPVP, VISAKHAPATNAM</b><br>TOOL DESIGN                   |         |                        |       |                    |
| DRN   | GUR         | SO.NO.:   |         | LR.NO. --              |       |                    |
| CHD   | SAROJ       | W.O.NO: -   |         | PGMA: -                |       |                    |
| APD   |             | DEL TO: CP/HE/20T   |         | LOAD ON: HYDRO TESTING |       |                    |
|  |             | <b>SEAL RING FOR TUBE ID 18.1</b><br>FOR HYDRO TESTING PLUG |         |                        |       |                    |
| WT/KG : -   |             | SHEET   |         | TOOL DRAWING NO        |       | REV                |
| SCALE   | N.T.S       | 1   |         | T4-392898-003          |       | 0                  |
| REV   | DATE        | BRIEF RECORD  |         | INITIALS               |       | DATE 01.05.26      |

*Handwritten initials*

SHORE HARDNESS SHOULD BE 80'

WITHSTANDING HIGH PRESSURE 600 kg/cm<sup>2</sup> WHILE HYDRO TESTING.



| TOLERANCE FOR UNTOLERANCED DIMENSIONS. |             |
|--|-------------|
| UPTO 6MM                               | = ±0.1 MM   |
| 6MM TO 120MM                           | = ±0.2 MM   |
| > 120MM                                | = ±0.5 MM   |
| ANGULAR TOLERANCE                      | = ±0.5 DEG. |
| CHAMFER                                | = ±0.5 DEG. |

ALL DIMENSIONS ARE CRITICAL.

**O-RING FOR GRIP JAW**

(EPDM= ETHYLENE PROPYLENE DIENE RUBBER)

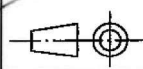
| 6    | O RING      | EPDM      | 12Xφ1.8 | 1   | -     | T3-392898-000      |
|------|-------------|-----------|---------|-----|-------|--------------------|
| ITEM | DESCRIPTION | MATERIAL* | SIZE    | QTY | WT/KG | PLUG ASSLY DRG NO. |



HPVP, VISAKHAPATNAM  
TOOL DESIGN

|     |       |                   |                        |
|-----|-------|-------------------|------------------------|
| DRN | GUR   | SO.NO.:           | LR.NO. [ - ]           |
| CHD |       | W.O.NO: -         | DT: -                  |
| APD | SAROJ | DEL TO: CP/HE/20T | PGMA: XXXX             |
|     |       |                   | LOAD ON: HYDRO TESTING |

*SAROJ*



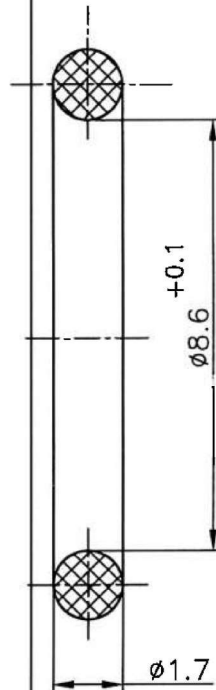
TITLE  
**O-RING ID12 FOR GRIP JAW**  
FOR HYDRO TESTING PLUG

|               |       |                 |     |
|---------------|-------|-----------------|-----|
| WT/KG : -     | SHEET | TOOL DRAWING NO | REV |
| SCALE N.T.S   | 1     | T4-392898-006   | 0   |
| DATE 01.05.26 | 1     |                 |     |

| REV | DATE | BRIEF RECORD | INITIALS |
|-----|------|--------------|----------|
|-----|------|--------------|----------|

SHORE HARDNESS SHOULD BE 80\*

WITHSTANDING HIGH PRESSURE 600 kg/cm<sup>2</sup> WHILE HYDRO TESTING.



| TOLERANCE FOR UNTOLERANCED DIMENSIONS. |             |
|--|-------------|
| UPTO 6MM                               | = ±0.1 MM   |
| 6MM TO 120MM                           | = ±0.2 MM   |
| > 120MM                                | = ±0.5 MM   |
| ANGULAR TOLERANCE                      | = ±0.5 DEG. |
| CHAMFER                                | = ±0.5 DEG. |

ALL DIMENSIONS ARE CRITICAL.

O-RING FOR MANDREL

(EPDM= ETHYLENE PROPYLENE DIENE RUBBER)

| 6    | O RING      | EPDM      | ID8.6Xø1.7 | 1   | -     | T3-392898-000      |
|------|-------------|-----------|------------|-----|-------|--------------------|
| ITEM | DESCRIPTION | MATERIAL* | SIZE       | QTY | WT/KG | PLUG ASSLY DRG NO. |



HPVP, VISAKHAPATNAM  
TOOL DESIGN

|     |       |                   |                        |
|-----|-------|-------------------|------------------------|
| DRN | GUR   | SO.NO.:           | LR.NO. -               |
| CHD | SAROJ | W.O.NO: -         | DT: -                  |
| APD |       | DEL TO: CP/HE/20T | PGMA: XXXX             |
|     |       |                   | LOAD ON: HYDRO TESTING |

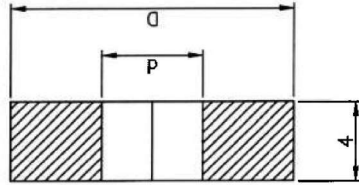
|  |  |       |                                 |
|--|--|-------|---------------------------------|
|  |  | TITLE | <b>O-RING ID8.6 FOR MANDREL</b> |
|  |  |       | <b>FOR HYDRO TESTING PLUG</b>   |

|               |       |                 |     |
|---------------|-------|-----------------|-----|
| WT/KG : -     | SHEET | TOOL DRAWING NO | REV |
| SCALE N.T.S   | 1/1   | T4-392898-007   | 0   |
| DATE 01.05.26 |       |                 |     |

|     |      |              |          |
|-----|------|--------------|----------|
| REV | DATE | BRIEF RECORD | INITIALS |
|-----|------|--------------|----------|

SHORE HARDNESS SHOULD BE 80\*  
WITHSTANDING HIGH PRESSURE WHILE HYDRO TESTING.

TOLERANCE FOR  
UNTOLERANCED DIMENSIONS.  
UP TO 6MM = ±0.1 MM  
6MM TO 120MM = ±0.2 MM  
> 120MM = ±0.5 MM  
ANGULAR TOLERANCE = ±0.5 DEG.  
CHAMFER = ±0.5 DEG.



| ITEM NO. | MATERIAL CODE | d | D  | WT. KG. | DRAWN | CHD. & APPD. | DATE     | REMARKS  |
|----------|---------------|---|----|---------|-------|--------------|----------|--|
| 3        | T3928220003   | 8 | 18 | -       | dsrk  | saroj        | 24.02.21 | SUITABLE TO MANDREL M20X2<br>DRAWING NO.: T3-392816-001                            |
| 2        | T3928220002   | 7 | 14 | -       | dsrk  | saroj        | 24.02.21 | SUITABLE TO MANDREL M16X1.5<br>DRAWING NO.: T3-392815-001                          |
| 1        | T3928220001   | 5 | 10 | -       | dsrk  | saroj        | 24.02.21 | SUITABLE TO MANDREL M12X1.25<br>DRG. NO.: T3-392814-001<br>DRG. NO.: T3-392813-001 |

3 2 1 SEALING WASHER

|                  |                    |       |      |            |                        |   |
|------------------|--------------------|-------|------|------------|------------------------|---|
| 3                | SEALING WASHER ID8 | NYLON | ØDX4 | 1          | -                      | - |
| 2                | SEALING WASHER ID7 | NYLON | ØDX4 | 1          | -                      | - |
| 1                | SEALING WASHER ID5 | NYLON | ØDX4 | 1          | -                      | - |
| ITEM DESCRIPTION | MATERIAL           | SIZE  | QTY  | NET WT /KG | PLUG ASSLY DRAWING NO. |   |

HPVP, VISAKHAPATNAM

TOOL DESIGN

|     |       |           |           |            |               |
|-----|-------|-----------|-----------|------------|---------------|
| DRN | DSRK  | SO. NO.:  | ---       | LR. NO.:   | T342          |
| CHD | SAROU | W.O. NO.: | SO-7899   | COMP. NO.: | PGMA XXX      |
| APP |       | DEL. TO:  | CP/HE/20T | LOAD ON:   | HYDRO TESTING |

SEALING WASHER  
(FOR HYDRO TESTING PLUG)

|              |          |               |          |          |
|--------------|----------|---------------|----------|----------|
| WT/KG : -    | SHEET    | 1             | REV      | 0        |
| SCALE        | N.T.S    | DATE          | 24-02-21 | INITIALS |
| DATE         | 24-02-21 | DATE          | 24-02-21 | REV      |
| BRIEF RECORD |          | T3-392822-000 |          |          |