



PO: SUNABEDA, DIST: KORAPUT

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**INVITATION TO TENDER**

TITLE: SEALING RING

SI No	MPR No	HSN Code (Tentative)	PART NO	ITEM DESCRIPTION	Qty	Unit
1	24LH-1062	8411	K-5128A-229-2-51-1742	<p>SEALING RING</p> <p>NOTE: =====</p> <p>As per TA No:(TA NO-859),PC NO : 13003 :: I)These seals are manufactured based on OEM STANDARD with provisionally cleared raw material and for identification,it is prefixed by K. The vendor should have a valid type approval/provisional clearance during supply of these items.</p> <p>2)Each batch of seals shall carry suppliers test report for a) dimensions b) physico-mechanical properties indicating date of manufacturing(curing), life validity and rubber mixing date and copy of provisional clearance. Items should have minimum shelf life of 03 years from the date of manufacturing and Items should be supplied to HAL, Koraput within 03 months from the date of manufacturing.</p> <p>3)05% or 10 nos dimensional checks, whichever is more and 100% visual inspection are to be carried out at Koraput for acceptance.The seals should be free from surface defects (like imperfections,porosity/voids,inclusions, flow marks etc.).</p>	295	NOS.

2	24LH-1062	8411	5128A-182-2-51-1434	<p>4)Each batch of seals shall carry one set of test slabs (10 no.s of dumbbell specimen, 2 no.s of hardness test specimen and 6 no.s of cylindrical buttons as per ASTM standards) for checking its properties as per PC NO:13303).</p> <p>5) Additional 1.5 gram of sealing rings(per batch of maximum 300 no.) shall be supplied for swelling test as per above TA/PC.</p> <p>PACKING RING</p> <p>NOTE: =====</p> <p>As per TA No:TA NO-1231,TA NO-1704 :: I) These seals are manufactured based on OEM STANDARD with type approved raw material and for identification,it is prefixed by K. The vendor should have a valid type approval/provisional clearance during supply of these items.</p> <p>2) Each batch of seals shall carry suppliers test report for a) dimensions b) physico-mechanical properties indicating date of manufacturing(curing), life validity and rubber mixing date and copy of type approval/provisional clearance.</p> <p>3) Items should have minimum shelf life of 03 years from the date of manufacturing and Items should be supplied to HAL, Koraput within 03 months from the date of manufacturing.</p> <p>4) 05% or 10 nos dimensional checks, whichever is more and 100% visual inspection are to be carried out at Koraput for acceptance.The seals should be free from surface defects (like imperfections,porosity/voids,inclusions, flow marks etc.).</p>	31	Nos
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3	24LH-1062	8411	5128A-221-2-51-1434	<p>5) Each batch of seals shall carry one set of test slabs (10 no.s of dumbbell specimen, 2 no.s of hardness test specimen and 6 no.s of cylindrical buttons as per ASTM standards) for checking its properties as per TA no: 859 Point no: 1-8, Appendix-A,TA no: 1231 Point no: 1-8,TA no: 840 Point no: 1-7,TA no:1704 Part-A: SI no-1-6,8-11 &amp; Part B: Swelling test in fuel or oil or hydraulic oil is depending upon end use.</p> <p>6) Additional 1.5 gram of sealing rings (per batch of maximum 300 no.) shall be supplied for swelling test as per TA/PC .</p> <p><b>PACKING RING</b></p> <p><u>NOTE:</u></p> <p>As per TA No:TA NO-1704,TA NO-1231 :: 1) These seals are manufactured based on OEM STANDARD with type approved raw material and for identification,it is prefixed by K. The vendor should have a valid type approval/provisional clearance during supply of these items.</p> <p>2) Each batch of seals shall carry suppliers test report for a) dimensions b) physico-mechanical properties indicating date of manufacturing(curing), life validity and rubber mixing date and copy of type approval/provisional clearance.</p> <p>3) Items should have minimum shelf life of 03 years from the date of manufacturing and Items should be supplied to HAL, Koraput within 03 months from the date of manufacturing.</p>	42	Nos
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4	24LH-1062	8411	K-2267A-184	<p>4) 05% or 10 nos dimensional checks, whichever is more and 100% visual inspection are to be carried out at Koraput for acceptance. The seals should be free from surface defects (like imperfections, porosity/voids, inclusions, flow marks etc.).</p> <p>5) Each batch of seals shall carry one set of test slabs (10 no.s of dumbbell specimen, 2 no.s of hardness test specimen and 6 no.s of cylindrical buttons as per ASTM standards) for checking its properties as per TA no: 859 Point no: 1-8, Appendix-A, TA no: 1231 Point no: 1-8, TA no: 840 Point no: 1-7, TA no: 1704 Part-A: Sl no-1-6, 8-11 &amp; Part B: Swelling test in fuel or oil or hydraulic oil is depending upon end use.</p> <p>6) Additional 1.5 gram of sealing rings (per batch of maximum 300 no.) shall be supplied for swelling test as per TA/PC .</p> <p>SEALING RING</p> <p><u>NOTE:</u></p> <p>As per TA No: (TA NO-840), (TA NO-859), (TA NO-859), (TA NO-840) :: 1. These parts are manufactured based on OEM component STANDARD/Drawing with type approved raw material. For identification, these parts are prefixed by K.</p> <p>2. Each batch of seals shall carry suppliers test report for a) dimensions b) physico-mechanical properties indicating date of manufacturing (curing), life upto, and rubber mixing date.</p> <p>3. 10% dimensional checks and visual inspection are to be carried out at Koraput for acceptance.</p>	91	Nos.
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5	24LH-1062	8411	K-2267A-153-2	<p>4. Each batch of seals shall carry one set of test slabs (10 no.s of dumbbell specimen, 2 nos of hardness test specimen and 6 no.s of cylindrical buttons) for checking its properties as per TS/760-2011.</p> <p>5. Additional 1.5 gram of sealing rings (per batch of maximum 300 no.) shall be supplied for swelling test as per above test schedule.</p> <p>6. The seals shall be properly identified during storage.</p> <p>7. The consignment shall be supplied in well pack condition ensuring preservation period for minimum 3 years.</p> <p>SEALING RING</p> <p><u>NOTE:</u></p> <p>As per TA No:(TA NO-840),(TA NO-859),(TA NO-840),(TA NO- 859) :: 1. These parts are manufactured based on OEM component STANDARD/Drawing with type approved raw material. For identification, these parts are prefixed by K.</p> <p>2. Each batch of seals shall carry suppliers test report for a) dimensions b) physico-mechanical properties indicating date of manufacturing (curing), life upto, and rubber mixing date.</p> <p>3. 10% dimensional checks and visual inspection are to be carried out at Koraput for acceptance.</p> <p>4. Each batch of seals shall carry one set of test slabs (10 no.s of dumbbell specimen, 2 nos of hardness test specimen and 6 no.s of cylindrical buttons) for checking its properties as per TS/760-2011.</p>	465	Nos.
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6	24LH-1062	8411	K-2267A-16	<p>5. Additional 1.5 gram of sealing rings(per batch of maximum 300 no.) shall be supplied for swelling test as per above test schedule.</p> <p>6. The seals shall be properly identified during storage.</p> <p>7. The consignment shall be supplied in well pack condition ensuring preservation period for minimum 3 years.</p> <p>SEALING RING</p> <p><u>NOTE:</u></p> <p>As per TA No:(TA NO-840),(TA NO-859),(TA NO-859),(TA NO-840) :: 1. These parts are manufactured based on OEM component STANDARD/Drawing with type approved raw material. For identification, these parts are prefixed by K.</p> <p>2. Each batch of seals shall carry suppliers test report for a) dimensions b) physico-mechanical properties indicating date of manufacturing (curing), life upto, and rubber mixing date.</p> <p>3. 10% dimensional checks and visual inspection are to be carried out at Koraput for acceptance.</p> <p>4. Each batch of seals shall carry one set of test slabs (10 no.s of dumbbell specimen, 2 nos of hardness test specimen and 6 no.s of cylindrical buttons) for checking its properties as per TS/760-2011.</p> <p>5. Additional 1.5 gram of sealing rings (per batch of maximum 300 no.) shall be supplied for swelling test as per above test schedule.</p>	64	Nos.
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7	24LH-1062	8411	K-2267A-180	<p>6. The seals shall be properly identified during storage.</p> <p>7. The consignment shall be supplied in well pack condition ensuring preservation period for minimum 3 years.</p> <p>SEALING RING</p> <p>As per TA No:(TA NO-859),(TA NO-840),(TA NO-859),(TA NO-840) :: 1. These parts are manufactured based on OEM component STANDARD/Drawing with type approved raw material. For identification, these parts are prefixed by K.</p> <p>2. Each batch of seals shall carry suppliers test report for a) dimensions b) physico-mechanical properties indicating date of manufacturing (curing), life upto, and rubber mixing date.</p> <p>3. 10% dimensional checks and visual inspection are to be carried out at Koraput for acceptance.</p> <p>4. Each batch of seals shall carry one set of test slabs (10 no.s of dumbbell specimen, 2 nos of hardness test specimen and 6 no.s of cylindrical buttons) for checking its properties as per TS/760-2011.</p> <p>5. Additional 1.5 gram of sealing rings (per batch of maximum 300 no.) shall be supplied for swelling test as per above test schedule.</p> <p>6. The seals shall be properly identified during storage.</p> <p>7. The consignment shall be supplied in well pack condition ensuring preservation period for minimum 3 years.</p>	37	Nos.
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8	24LH-1062	8411	K-2267A-236-2	<p data-bbox="821 23 1289 58">SEALING RING</p> <p data-bbox="821 100 1289 132"><u>NOTE:</u></p> <p data-bbox="821 174 1289 457">As per TA No:(TA NO-840),(TA NO-859),(TA NO-859),(TA NO-840) :: 1. These parts are manufactured based on OEM component STANDARD/Drawing with type approved raw material. For identification, these parts are prefixed by K.</p> <p data-bbox="821 499 1289 699">2. Each batch of seals shall carry suppliers test report for a) dimensions b) physico-mechanical properties indicating date of manufacturing (curing), life upto, and rubber mixing date.</p> <p data-bbox="821 741 1289 846">3. 10% dimensional checks and visual inspection are to be carried out at Koraput for acceptance.</p> <p data-bbox="821 888 1289 1087">4. Each batch of seals shall carry one set of test slabs (10 no.s of dumbbell specimen, 2 nos of hardness test specimen and 6 no.s of cylindrical buttons) for checking its properties as per TS/760-2011.</p> <p data-bbox="821 1129 1289 1266">5. Additional 1.5 gram of sealing rings (per batch of maximum 300 no.) shall be supplied for swelling test as per above test schedule.</p> <p data-bbox="821 1308 1289 1371">6. The seals shall be properly identified during storage.</p> <p data-bbox="821 1413 1289 1549">7. The consignment shall be supplied in well pack condition ensuring preservation period for minimum 3 years.</p>	115	Nos.
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9	24LH-1062	8411	K-2267A-246-2	<p>4. Each batch of seals shall carry one set of test slabs (10 no.s of dumbbell specimen, 2 nos of hardness test specimen and 6 no.s of cylindrical buttons) for checking its properties as per TS/760-2011.</p> <p>5. Additional 1.5 gram of sealing rings (per batch of maximum 300 no.) shall be supplied for swelling test as per above test schedule.</p> <p>6. The seals shall be properly identified during storage.</p> <p>7. The consignment shall be supplied in well pack condition ensuring preservation period for minimum 3 years.</p> <p>SEALING RING</p> <p><u>NOTE:</u></p> <p>As per TA No:(TA NO-840),(TA NO-859),(TA NO-859),(TA NO-840) :: 1. These parts are manufactured based on OEM component STANDARD/Drawing with type approved raw material. For identification, these parts are prefixed by K.</p> <p>2. Each batch of seals shall carry suppliers test report for a) dimensions b) physico-mechanical properties indicating date of manufacturing (curing), life upto, and rubber mixing date.</p> <p>3. 10% dimensional checks and visual inspection are to be carried out at Koraput for acceptance.</p> <p>4. Each batch of seals shall carry one set of test slabs (10 no.s of dumbbell specimen, 2 nos of hardness test specimen and 6 no.s of cylindrical buttons) for checking its properties as per TS/760-2011.</p>	45	Nos.
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10	24LH-1062	8411	K-2267A-396-2	<p>5. Additional 1.5 gram of sealing rings (per batch of maximum 300 no.) shall be supplied for swelling test as per above test schedule.</p> <p>6. The seals shall be properly identified during storage.</p> <p>7. The consignment shall be supplied in well pack condition ensuring preservation period for minimum 3 years.</p> <p>SEALING RING</p> <p><u>NOTE:</u></p> <p>As per TA No:(TA NO-840),(TA NO-840),TA NO-859 :: 1.These parts are manufactured based on OEM component STANDARD/Drawing with type approved raw material. For identification, these parts are prefixed by K.The vendor should have a valid type approval during supply of these items.</p> <p>2. Each batch of seals shall carry suppliers test report for a) dimensions b) physico-mechanical properties indicating date of manufacturing (curing), life validity and rubber mixing date.</p> <p>3.05% or 10 nos dimensional checks which ever is more and 100% visual inspection are to be carried out at Koraput for acceptance.The seals should be free from surface defects (like imperfections, porosity /voids, inclusions,flow marks etc.)</p> <p>4. Each batch of seals shall carry one set of test slabs (10 no.s of dumbbell specimen, 2 no.s of hardness test specimen and 6 no.s of cylindrical buttons) for checking its properties as per TA-1443 (Point no: 1to7)and TA-859 (Point no: 1-8 of Appendix-A).</p>	44	Nos.
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11	24LH-1062	8411	K-2267A-7	<p>5. The seals shall be properly identified during storage.</p> <p>6. Items should have minimum shelflife of 03 years from the date of manufacturing and items should be supplied to HAL,Koraput within 03 months from the date of manufacturing.</p> <p>SEALING RING</p> <p><u>NOTE:</u></p> <p>As per TA No:(TA NO-859),(TA NO-840),(TA NO-859),(TA NO-840) :: 1. These parts are manufactured based on OEM component STANDARD/Drawing with type approved raw material. For identification, these parts are prefixed by K.</p> <p>2. Each batch of seals shall carry suppliers test report for a) dimensions b) physico-mechanical properties indicating date of manufacturing (curing), life upto, and rubber mixing date.</p> <p>3. 10% dimensional checks and visual inspection are to be carried out at Koraput for acceptance.</p> <p>4. Each batch of seals shall carry one set of test slabs (10 no.s of dumbbell specimen, 2 nos of hardness test specimen and 6 no.s of cylindrical buttons) for checking its properties as per TS/760-2011.</p> <p>5. Additional 1.5 gram of sealing rings (per batch of maximum 300 no.) shall be supplied for swelling test as per above test schedule.</p> <p>6. The seals shall be properly identified during storage.</p>	73	Nos.
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7. The consignment shall be supplied in well pack condition ensuring preservation period for minimum 3 years.

NOTE:

1) Items to be supplied from latest manufacturing batch .

2) Offers received from HAL approved vendors for the respective parts where release note are approved by CEMILAC/HAL (KPT) will be considered only for technical evaluation and further commercial processing” to enable technical evaluation of our vendor’s quotes and process further