



Specification No : APSQ – 035	Rev. No : 06	Page No : 01 of 01
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01.	Item	SPHERICAL ROLLER THRUST BEARINGS	
02.	Material Code(s)	Bearing size 29476 - 55 231 294 7600 Bearing size 29488 - 55 231 294 8800 Bearing size 294/500 - 55 231 294 9200 Bearing size 294/560 - 55 231 294 5600 Bearing size 294/710 - 55 271 294 7100 Bearing size 294/750 - 55 231 294 7700 Bearing size 294/800 - 55 231 294 8000 Bearing size 294/850 - 55 231 294 8500	
03.	Application	Used as support bearing in Regenerative Air Preheaters.	
04.	Material Code	Bearing designation	
		SKF make	FAG make
i)	55 231 294 7600	29476EM	29476E MB
ii)	55 231 294 8800	29488EM	29488E MB
iii)	55 231 294 9200	294/500EM	294/500E MB
iv)	55 231 294 5600	294/560EM	294/560E MB
v)	55 271 294 7100	294/710EF	294/710E MB
vi)	55 231 294 7700	294/750EF	294/750E MB
vii)	55 231 294 8000	294/800EF	294/800E MB
viii)	55 231 294 8500	294/850EF	294/850E MB
05.	Cage Material	Brass / Steel	
06.	GENERAL a) Only SKF, FAG, and EPK makes are approved. b) The bearing shall be packed properly to prevent entry of water and avoid damage during transit.		
07.	INSPECTION a) Compliance Certificate shall be submitted.		

06	16.12.10	(Sd) SCH	(Sd) KP	(Sd) PPS	Cage Material & EPK make added.
05	16.07.10	(Sd) SCH	(Sd) PPS	(Sd) PPS	New MC included
04	05.07.08	(Sd) RR	(Sd) PPS	(Sd) GRV	New MC included
03	22.11.07	(Sd) RR	(Sd) PPS	(Sd) GRV	New MC included
02	01.03.04	(Sd) RR	(Sd) PPS	(Sd) GRV	New MC included
01	20.04.02	(Sd) RR	(Sd) PPS	(Sd) GRV	Page modified
00	30.06.93	(Sd) VAS	(Sd) PPS	(Sd) RSM	FRESH ISSUE

Rev.No	Date	Prepared	Checked	Approved	Record of Revisions.
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Purchase Department
Bharat Heavy Electricals Limited
(A Government of India Undertaking)
Boiler Auxiliaries Plant, Ranipet – 632 406, INDIA

ANNEXURE-A to OPEN TENDER

Open Tender for Procurement of **APH GUIDE & SUPPORT BEARINGS** as per our Specification : **APSQ 035 REV06 / PRE-QUALIFICATION CRITERIA / Bearing Catalogue.**

NOTICE INVITING TENDER

Sealed Tenders are invited for the supply of **APH GUIDE & SUPPORT BRGS** as per the Specification / Standards / Pre Qualification Criteria and Quantities as listed below.

SCOPE : SUPPLY OF **APH GUIDE & SUPPORT BRG** as per specn: **APSQ 035 / REV 06 / Brg Catalogue** and **PRE-QUALIFICATION CRITERIA (PQC)** as applicable

Sl No	Description	Material Specification	Unit	Qty	Delivery Schedule
01	SR TH BRG 294/750	APSQ 035 / REV 06	No.	1	24.09.15 – 1 no.
02	SR TH BRG 294/800	APSQ 035 / REV 06	No.	2	24.09.16 - 2 nos.
03	SR TH BRG 294/850	APSQ 035 / REV 06	No.	5	24.12.15 - 3 nos. & 24.03.16 - 2 nos
04	SR TH BRG 294/900	PQC applicable	No.	10	24.11.15 – 6 nos. & 24.03.16 – 4 nos.
05	SR BRG 23034 with adapter	As per Brg Catalogue	SET	6	24.07.15 – 2 ST, 24.08.15 – 2 ST & 24.03.16 – 2 ST
06	SR TH BRG 29468	As per Brg Catalogue	No.	6	24.07.15 – 2 nos 24.08.15 – 2 nos & 24.03.16 – 2 nos.

Destination : BHEL Stores, Ranipet 632406, Tamil Nadu

This Tender – price bid will be opened through conventional sealed price bid opening method only

New supplier/vendor shall submit SUPPLIER REGISTRATION FORM (SRF) thro' ONLINE PORTAL. You are requested to visit our Web Site : www.bhel.com and click under heading 'Supplier Registration' and fill up the 'Supplier Registration Form' which is available in the Online Supplier Registration Portal. (or Copy the following URL Link and paste in the web link address: http://www.bhel.com/vender_registration/vender.php and proceed with). After successful submission, a hard copy of the same with all the annexures (as called for) may please be sent to undersigned.

K.Nagaraj, Senior Manager-Purchase, Supplier Development Cell,
email: knraj@bhelrpt.co.in, phone: 04172 284474 / 4333
Bharat Heavy Electricals Limited, RANIPET, T.N State, India. PIN:632 406

QUALIFYING CRITERIA FOR THE VENDORS:

PRE-QUALIFICATION CRITERIA (PQC) FOR SUPPORT BEARING 294/900

The Bidder has to meet the provenness criteria for Support Bearing required for Air Preheater application as per criteria stipulated below:

“The Bidder should have previously designed, manufactured and supplied the Spherical Roller Thrust Bearing 294/800 or higher size for Air Preheater application in a Boiler and shall be in successful operation in at least 1(one) plant for a period not less than 1 (one) year on the date of techno-commercial bid opening. OR, the bidder should have supplied similar bearings to BHEL, RANIPET”.

The following information should be submitted by the vendor such as where the Spherical Roller Thrust Bearing has been supplied:

1. Name of the Customer where the Thrust Bearings are installed
2. Size of the Bearing and Quantity
3. Complete postal address of the Customer
4. Name, Designation and contact details of the contact person of the Customer
5. Month & Year of commissioning
6. Relevant Purchase Order copies

BHEL reserves the right to verify the information provided by the vendor. In case the information provided by vendor is found to be false / incorrect, the offer shall be rejected.