

BHARAT HEAVY ELECTRICALS LIMITED
HEEP HARIDWAR INDIA-PIN 249403
PHONE NO: +91 1334 285120

Sub: Procurement of Plug, Boss & Socket Etc.)

The Heavy Electricals Equipment Plant (HEEP) located in Haridwar, India is one of the major manufacturing plants of Bharat Heavy Electricals Ltd. The core business of HEEP includes design and manufacture of large steam turbines, turbo generators and so on.

Bids are invited for following items through GeM Portal- <https://gem.gov.in>

SLNO	DRG	DESCRIPTION	LOT-QTY	UNIT	DELIVERY
1	23.8322.03300 Spec-AA10112	Plug M33X2	159	pcs	30 days from PO Date
2	24.8322.03300 Spec-AA10112	Plug M33X2	30	pcs	30 days from PO Date
3	3165017006500 Spec-AA10218	Screw Plug	72	pcs	30 days from PO Date
4	4160517003100 Spec-AA10109	Socket Coupling	24	pcs	30 days from PO Date
5	4162187000500 Spec-AA10109	Boss M 33X2	26	pcs	30 days from PO Date
6	4162187000800 Spec-AA10109	Socket ½" NB	12	pcs	30 days from PO Date
7	4162227003900 Spec-AA10109	Socket 1" Pipe	18	pcs	30 days from PO Date
8	4165017004700 Spec-AA10109	Boss M 33X2	88	pcs	30 days from PO Date

Total qty in numbers= 429 nos.
(Weight= As per Drg/CBOM)

Remarks-

1. Delivery mentioned above is indicative, bidders to quote their best possible delivery schedule.
2. EMD will not be applicable as per GEM bid.
3. **Risk Purchase:** In case of abnormal delays (beyond the maximum late delivery period as per LD clause) in supplies / defective supplies or nonfulfillment of any other terms and conditions given in Purchase Order, BHEL may cancel the Purchase Order in full or part thereof, and may also make the purchase of such material from elsewhere / alternative source at the risk and cost of the supplier. BHEL will take all reasonable steps to get the material from alternate source at optimum cost. If bidder does not agree to the above Risk Purchase Clause, BHEL reserves the right to reject the offer. In case for compelling reasons BHEL accepts the offer without acceptance of this clause by the bidder and in the eventuality of Risk Purchase, appropriate action will be taken as per BHEL extant rules. This will be without prejudice to any other right of BHEL under the contract or under General Law.

Action against Bidders / vendor / supplier / contractor in case of default:

In order to protect the commercial interests of BHEL, BHEL shall take action against suppliers / contractors by way of suspension of business dealings, who either fail to perform or are in default without any reasonable cause, cause loss of business/ money/ reputation, indulge in malpractices, cheating, bribery, fraud or any other misconduct or formation of cartels so as to influence the bidding process or influence the price etc.

Suspension of Business Dealings could be in the form of “Hold” or “Banning” a supplier/ contractor or a bidder and shall be as per “Guidelines for Suspension of Business Dealings with Suppliers/ Contractors” available at BHEL’s website “<https://www.bhel.com/guidelines-suspension-business-dealings-supplierscontractors>”

4. Payment Terms:

100% payment along with taxes, freight & insurance will be made after receipt and acceptance of material as per below:

- a) Micro & Small Enterprises (MSEs) <=45 days
- b) Medium Enterprises <=60 days
- c) Non MSME <=90 days

subject to submission of non-discrepant documents as per terms and conditions of GeM contract.

5. Item is to be supplied as per NIT document and specification only (for item no 1 i.e. Plug M33 x 2 (Drawing no. 23.8322.03300) be made as per drawing no 24.8322).

6. SPECIAL REMARKS: -

- a) T.R. OF THE DRAWINGS ARE TO BE STRICTLY FOLLOWED.
- b) VENDOR SCOPE INCLUDES MATERIAL PROCUREMENT, ANY CUTTING INVOLVED INCLUDING GAS CUTTING AND MACHINING OF JOB AS PER DRG..
- c) Inspection by BHEL/BHEL nominated inspection agency as per drawing /Standard and quality plan requirements.
- d) Sub-contractor to provide a summary sheet of documents/TCs provided for correlation.
- e) Sub-contractor to mention relevant QP clauses on all TCs/ reports for every lot.
- f) Quality plan no. QP/QA/232073 rev 00 dated 18.07.2023 (attached) is to be followed.
- g) Offers that are found suitable techno-commercially will be considered for further process.
- h) Supplier must furnish material test certificates for all the items.
- i) CHP Clearance may be obtained from NTPC/LLOYD/RITES/NPC at party's end
- j) Guarantee Certificate(18 months) will be required.
- k) Aesthetic appearance shall also be ensured and inspected before delivery to BHEL.
- l) Scope of Work: - **Material procurement and machining only.**
- m) Rest all terms and conditions shall be as per general terms and conditions of **GeM.**

7. "A bidder shall not have conflict of interest with other bidders. Such conflict of interest can lead to anti-competitive practices to the detriment of Procuring Entity's interests. The bidder found to have a conflict of interest shall be disqualified. A bidder may be considered to have a conflict of interest with one or more parties in this bidding process, if:

- a) they have controlling partner (s) in common; or
- b) they receive or have received any direct or indirect subsidy/ financial stake from any of them; or
- c) they have the same legal representative/agent for purposes of this bid; or
- d) they have relationship with each other, directly or through common third

parties, that puts them in a position to have access to information about or influence on the bid of another Bidder, or

e) Bidder participates in more than one bid in this bidding process.

Participation by a Bidder in more than one Bid will result in the disqualification of all bids in which the parties are involved. However, this does not limit the inclusion of the components/ sub-assembly/ Assemblies from. one bidding manufacturer in more than one bid; or

f) In cases of agents quoting in offshore procurements, on behalf of their principal manufacturers, one agent cannot represent two manufacturers or quote on their behalf in a particular tender enquiry. One manufacturer can also authorize only one agent/dealer. There can be only one bid from the following:

- The principal manufacturer directly or through one Indian agent on his behalf; and

- Indian/foreign agent on behalf of only one principal, manufacturer.

g) A Bidder or any of its affiliates participated as a consultant in the preparation of the design or technical specifications of the contract that is the subject of the Bid, or

h) In case of a holding company having more than one independently manufacturing units, or more than one unit having common business ownership/management, only one unit should quote. Similar restrictions would apply to closely related sister companies. Bidders must proactively declare such sister/ common business/ management units in same/ similar line of business. "

MAKE IN INDIA CERTIFICATE

Certificate In line with Government Public Procurement Order No. P-45021/2/2017-BE-II dt. 15.06.2017 & P-45021/2/2017-PP (BE-II) dated 28.05.2018, we hereby certify that we M/s

_____ (supplier name) are local supplier meeting the requirement of minimum local content (50%) as defined in above orders for the material against Enquiry No.

_____ Details of location at which local value addition will be made is as follows: _____

_____ We also understand, false declarations will be in breach of the Code of Integrity under Rule 175(1)(i)(h) of the General Financial Rules for which a bidder or its successors can be debarred for up to two years as per Rule 151 (iii) of the General Financial Rules along with such other actions as may be permissible under law.

Authorised Signature:

(with date & seal of company)

Name of Supplier: -



PLANT STANDARD

HEEP-HARDWAR

24.8322

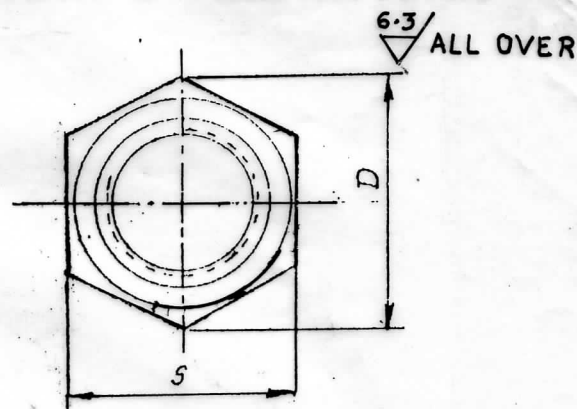
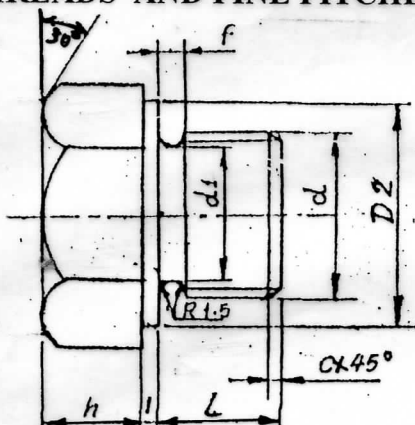
PAGE 1 OF 3

BASED ON: OWN EXPERIENCE

SUPERSEDES EARLIER STD.
NO. 23,24.8322

PLUGS WITH METRIC THREADS AND FINE PITCHES

1. THE PRESENT STANDARD DEALS WITH STEEL PLUGS WITH METRIC THREADS AND FINE PITCHES, WITH PLATING OF SIZE M10 TO M72



2. THE DIMENSIONS OF THE PLUGS SHALL BE AS PER TABLE GIVEN BELOW

d x p	S		h		D	D2	ALLOWABLE ECCENTRICITY OF HEAD	L		f	di	C
	SIZE	TOL.	SIZE	TOL.				SIZE	TOL.			
M10x1.25	17	-0.24	7	±0.36	19.6	16	0.4	10	±1	2	8	1
M12x1.25	19	-0.24	8	±0.36	21.9	18	0.4	10	±1	2	10	1.25
M16x1.5	24	-0.28	10	±0.36	27.7	23	0.5	12	±1	3	13	1.5
M20x1.5	30	-0.28	13	±0.43	34.6	29	0.6	14	±1	3	17	1.5
M22x1.5	32	-0.34	14	±0.43	36.9	31	0.6	16	±1	3	19	2
M27x2	41	-0.34	17	±0.43	47.3	40	0.6	20	±1	4	23	2
M33x2	46	-0.34	19	±0.52	53.1	45	0.6	22	±1	4	29	3

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SIGN & DATE				NAME	SIGN & DATE
				DRAWN	
				WORKED	L. B. MALHOTRA
				CHECKED	SUDHIR KUMAR
AGREED DEPTT	NAME	SIGN & DATE	SUPERVISED	D. N. JOSHI	8.9.98
			APPROVED: PLANT STANDARDIZATION COMMITTEE		
			3.35		
INVENTORY No.	REVISION -01 [Reaffirm]		PREPARED: TSX	ISSUED: STANDARDS DIVISION	DATE: 9-9-98
P-93	17.10.2007				



PLANT STANDARD

HEEP-HARDWAR

24.8322

PAGE 2 OF 3

Table (Contd.)

d x p	s		h		D	D2	ALLOWABLE ECCENTRI- CITY OF HEAD	L		f	d1	c
	SIZE	TOL.	SIZE	TOL.				SIZE	TOL.			
M39x3	55	-0.40	23	±0.52	63.5	54	0.8	26	±1	6	34	3
M56x4	75	-0.60	30	±0.52	86	74	0.8	34	±1	6	51.5	3
M72x4	95	-0.80	40	±0.62	106	90	0.8	44	±1	6	67.5	3

- 3 THE CODE NUMBERS AND WEIGHT OF THE PLUGS SHALL BE AS PER TABLE GIVEN BELOW:

dxP	M10x1	M12x1.25	M16x1.5	M20x1.5	M22x1.5	M27x2	M33x2	M39x3	M56x4	M72x4
CODE NO. OF THE PLUG	011	012	016	020	022	027	033	039	056	072
WEIGHT OF ONE PIECE IN KG	0.021	0.03	0.058	0.117	0.147	0.277	0.424	0.713	2.0	4.16

4. Materials: Steel having mechanical properties corresponding to H/R ROUND BAR CARBON STEEL C40 IS: 1570 (Part 2) Sec-I or AA 10208
5. Threads for plugs are as per IS : 4218 (Part 2)
6. Technical supply conditions are as per IS : 1367
7. The plugs are to be manufactured as per this standards without making separate drawings (blank drawing No. 0317.030).
8. Plugs to be cadmium plated / Zinc plated as per IS: 1572 & IS : 1573, detailed below :-

Plugs M10 x 1 To M12 x 1.25 - Cadmium plated Cd 8Cr.
 Plugs M16 x 1.5 To M39 x 3 - Cadmium plated Cd 8Cr.
 Plugs M48 x 2 To M72 x 4 - Cadmium plated Cu 8Cr.

SIGN & DATE

SUPERSEDES
INVENTORY No.

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SIGN & DATE

INVENTORY No.

P-93
20/9/98

REV-01

WORKED BY L. B. MALHOTRA

CHECKED BY S. KUMAR



PLANT STANDARD

HEEP-HARDWAR

24.8322

PAGE 3 OF 3

SIGN & DATE

SUPERSEDES
INVENTORY No.

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SIGN & DATE

INVENTORY No.

20/09/98

P-993

REV-01

9. In an assembly / sub assembly drawing, as an example, for a plug size M16x 1.5 made of steel and cadmium plated the following should be written :-

In the column " Designation" - 24. 8322.016

In the column " Description" - Plug M16 x 1.5

10. For sealing rings refer standard 18.8370

11. LIST OF CROSS-REF STDS - AA-10208, IS: 4218, IS: 1367,
IS: 1572 & 1573.

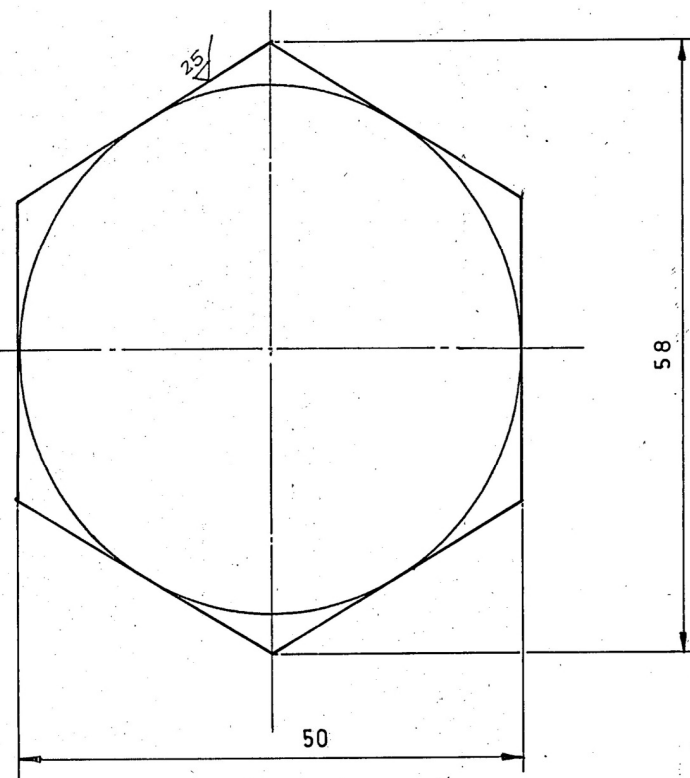
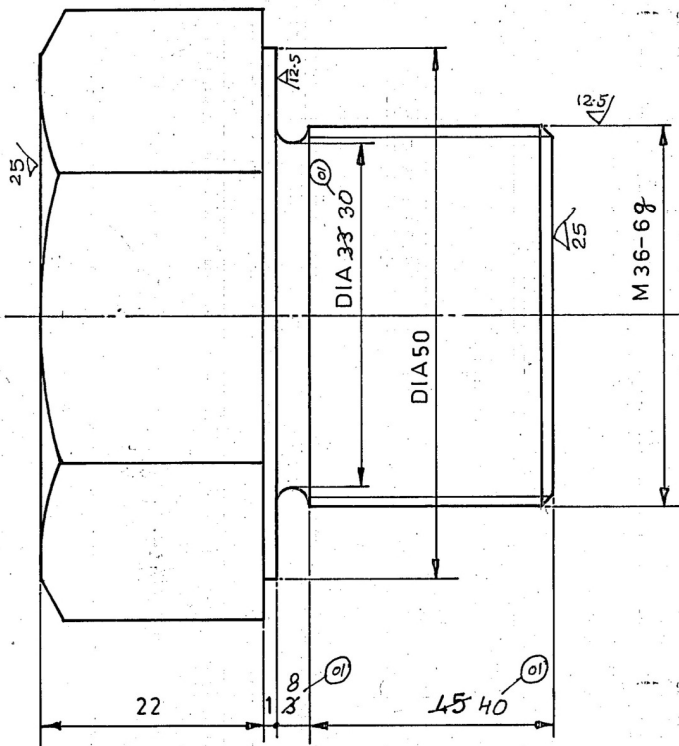
WORKED BY L.B.MALHOTRA

CHECKED BY S.KUMAR

3 165 01 70065

DRAWING NO.

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M/F

VAR. 00		REMARKS	ITEM NO.	DESCRIPTION	STANDARD	DRAWING NO.	AA1020208201	0 60
59	64	65	75	25	27	29	AA10208	72
							MATERIAL CODE	UNIT WT. (Kg.)
							MATERIAL SPECN	UNIT
							UNIT	UNIT
							UNIT	UNIT
							UNIT	UNIT

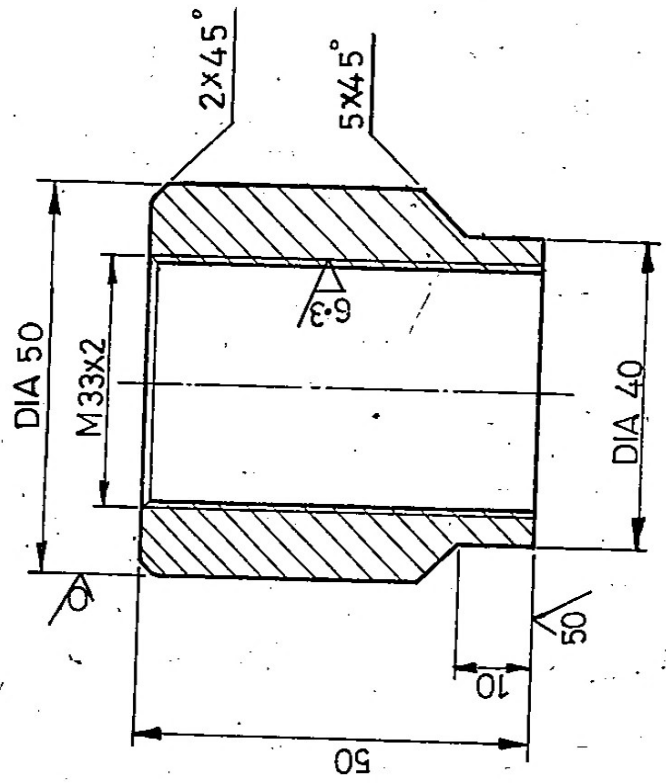
GMS/GR-SP. NO. 0-165-01-70005		STATUS OF DRG.		TYPE OF PRODUCT OR NAME OF CUSTOMER/PROJECT						
AGREED DEPT.	NAME	SIGN.	DATE	BHARAT HEAVY ELECTRICALS LTD. RANIPUR - HARDWAR.						
N.T.	RKJain	RLN	14-12-83	DRN.	NAME B S NEGI	SIGN.	DATE 6-8-83	NO. OF VAR.		
				CHD.	R. K. G.		7-10-83	-		
				APPD.	K N M		23-12-83	73, 74		
REV	DATE	ALTERED		DEPT.	GRADE OF UNTOLDIM	SCALE	WEIGHT (Kg)	REF. TO ASSY. DRG.	ITEM NO.	NO. OF ITEMS
01	21-8-99	CHECKED		HXE	C/M/F	2:1	0.60	1-165-01-70011	013	-
HXE-99-117				CODE 4222				DRAWING NO. 3-165-01-70065		REV. 00
TOTAL CHANGES MARKED (01)				TITLE SCREW PLUG		CARD CODE XB2		SHEET NO. 01		NO. OF SHEETS: 01

HXE2-2054
Inventory No.

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CHECKED	CHECKED	STATUS OF DRG.
		0 -162-18 -70008
GRADE OF UNTOL DIM	MCG Ø M/F	AA0230208
WELDING	T10610	003
GAS CUTTING		T306210
AGREED DEPT.	NAME	SIGN
607	GOLTA	<i>[Signature]</i>
DATE	25.7.86	

25/ THE REST



M F

REMARKS	ITEM NO.	DESCRIPTION	00	AA1010208187	0140
55	75 25 27 29	BOSS M33X2	29 31	AA10108	
CARD TYPE-3	28	CARD TYPE-1	VAR.	MATERIAL CODE	UNIT WEIGHT
	58 59 32		34	45	
			33 46	A	
				C	
				54 55 56 57 66	
					71



BHARAT HEAVY ELECTRICALS LTD.
HARDWAR

DEPT. HXE	GRADE OF UNTOLDIM. S/M/F	SCALE 1:1	WEIGHT (KG) 0.40	REF. TO ASSY DRG.
CODE 4222				2-162-18-70020
TITLE				1-162-18-70004
				08
				0.9
				0.9
				0.9

BOSS M33x2

4-162-18-70005

Inventory No. 172-3329


Ref. Drg. No.

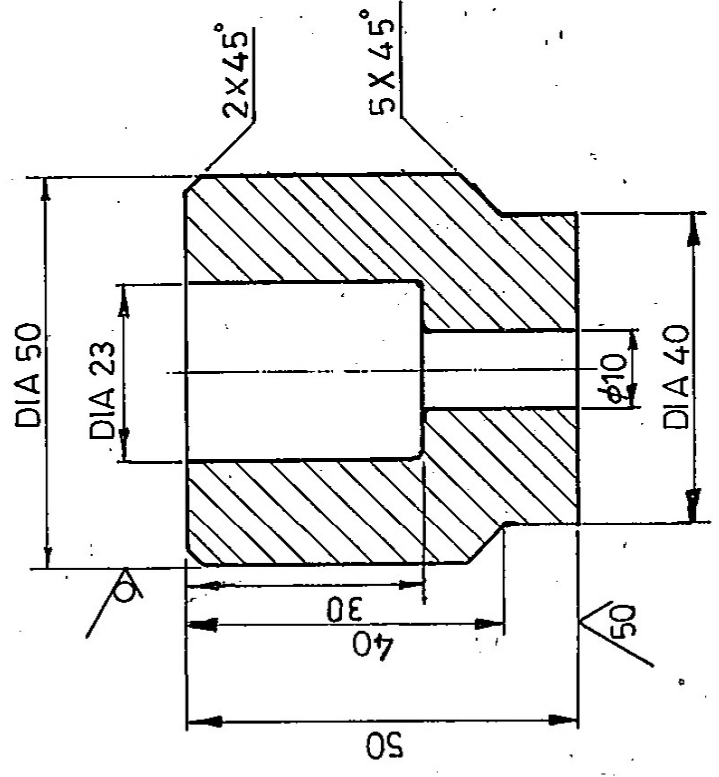
Sign & Date

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CHECKED	CHECKED	U-162-18-700008
AGREED DEPT.	NAME	SIGN
W.T.	A.K. GUPTA	<i>A.K. Gupta</i>
		19.6.86

GRADE OF UNTOL DIMM C G ϕ MF AA0230208 WELDING T₁ 0610-003 GAS CUTTING T₃ 0621101

25/
 THE REST



M F

REMARKS	ITEM NO.	DESCRIPTION	SOCKET (1/2 NB)	AA1010208187	11.06.86
75 25	27 29			00	AA10108
CARD TYPE-3		28	28	29	31
UNTOL-DIM.		CARD TYPE-1		MATERIAL CODE	
C/M/F		CARD TYPE-2		45 A	
4222		58 59 32		33 46	
C/M/F		MATERIAL SPECN		54 55 56 57 66	
4222		VAR.		71	

DPT. HXE	GRADE OF UNTOL-DIM.	SCALE	WEIGHT (KG)	REF. TO ASSY DRG.	DATE	NO. OF VAR.
4222	C/M/F	1:1	0.64	1-162-18-70004	17.4.86	73 74
C/M/F		C/M/F		APPD.		NO. OF ITEMS
4222		C/M/F		SAXENA V.K.		75 77
4222		C/M/F		SKB/I.RAM		75 77
4222		C/M/F		GARG R K		75 77
4222		C/M/F		DRN.		75 77
4222		C/M/F		CHD.		75 77
4222		C/M/F		APPD.		75 77

DPT. HXE	GRADE OF UNTOL-DIM.	SCALE	WEIGHT (KG)	REF. TO ASSY DRG.	DATE	NO. OF VAR.
4222	C/M/F	1:1	0.64	1-162-18-70004	17.4.86	73 74
C/M/F		C/M/F		APPD.		NO. OF ITEMS
4222		C/M/F		SAXENA V.K.		75 77
4222		C/M/F		SKB/I.RAM		75 77
4222		C/M/F		GARG R K		75 77
4222		C/M/F		DRN.		75 77
4222		C/M/F		CHD.		75 77
4222		C/M/F		APPD.		75 77

SOCKET (1/2 NB)

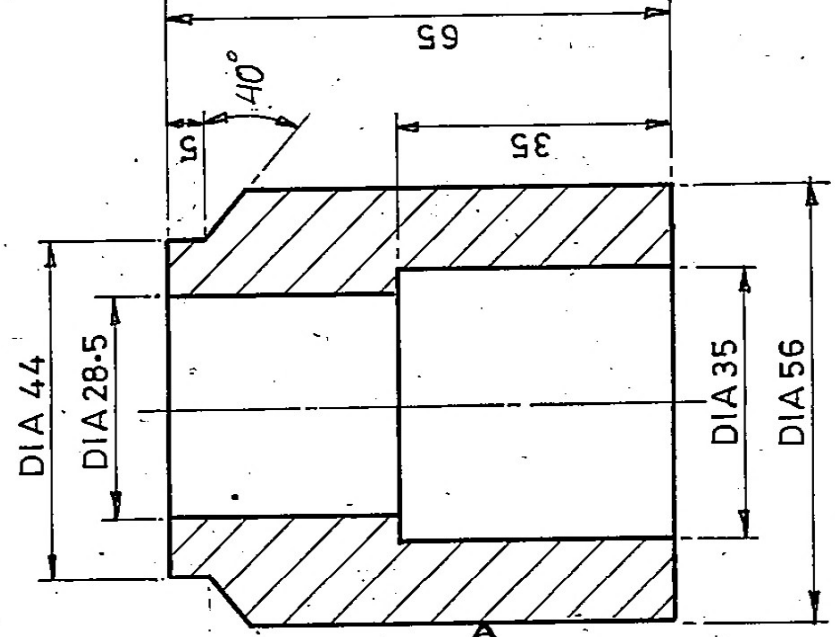
DRAWING NO. 4-162-18-70008

REV. 22 23 24

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CHECKED	CHECKED	0-162-22-70016	OF DRG.
AGREED DEPT.	NAME	SIGN	DATE
WT	I. Ram	<i>[Signature]</i>	22-11-88
GRADE OF UNTOL. DIM. M/C/G-C/M/F AA0230208 WELDING-T1 0610.003		GAS CUTTING-T3 AA 0621101	

25 / THE REST



SOCKET 1" PIPE	AA 1010208195	0 0	AA 10108	UNIT WEIGHT	0.700
REMARKS	ITEM NO	DESCRIPTION	MATERIAL CODE	45 A	
75 25	27 29		34	C	
58 59 32	33 46		54 55 56 57 66		71
CARD TYPE-3	28	CARD TYPE-1	28	CARD TYPE-2	



BHARAT HEAVY ELECTRICALS LTD.
HARDWAR

DEPT.	NAME	SIGN	DATE	NO. OF VAR.
HXE	VASDEV	<i>[Signature]</i>		
CODE	CHD.			
4222	S. S. A.	<i>[Signature]</i>	25.8.87	
	APPD.	<i>[Signature]</i>	26-10-88	
				73 74

DEPT.	SCALE	WEIGHT (KG)	REF. TO ASSY DRG.	ITEM NO.	NO. OF ITEMS
HXE	1:1		1-162-22-70011	013	75 77
CODE					
4222					
TITLE			DRAWING NO.		REV.
SOCKET 1" PIPE			4-162-22-70039		

2-4906

Store No.

Ref. Drg. No.

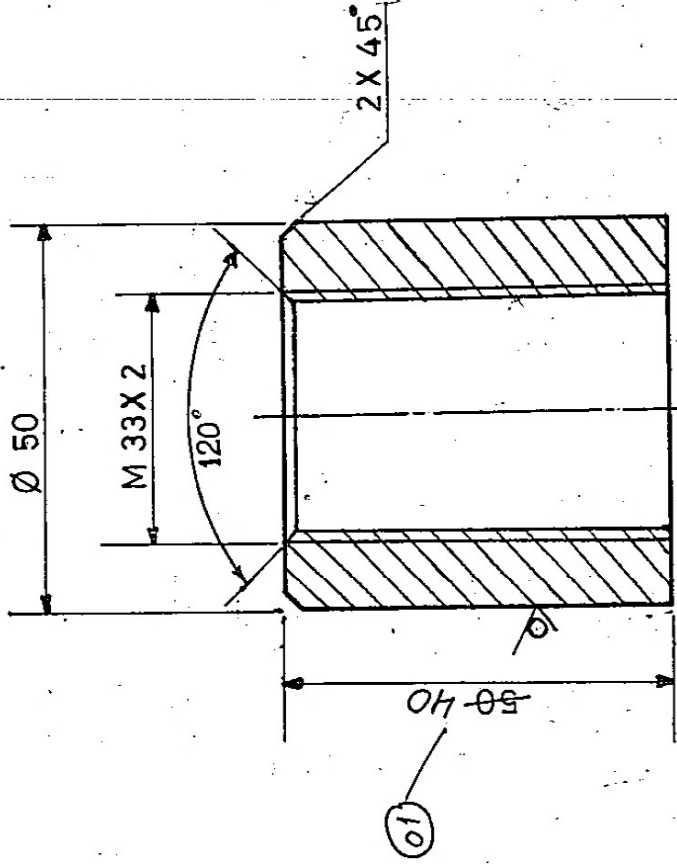
Sign & Date

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REV	DATE	ALTERED	CHECKED	DATE	ALTERED	CHECKED	DATE	ALTERED	CHECKED
01	4-6-01		4-6-01		4-6-01		4-6-01		4-6-01
HXE-01-36		HXE-01-36		HXE-01-36		HXE-01-36		HXE-01-36	
CHANGE AS MARKED (01)		CHANGE AS MARKED (01)		CHANGE AS MARKED (01)		CHANGE AS MARKED (01)		CHANGE AS MARKED (01)	
WT. GUPTA		WT. GUPTA		WT. GUPTA		WT. GUPTA		WT. GUPTA	
SIGN		SIGN		SIGN		SIGN		SIGN	
DATE		DATE		DATE		DATE		DATE	
13-3-87		13-3-87		13-3-87		13-3-87		13-3-87	

GRADE OF UNTOL DIM.: - M/CG - G/M/F AA0230208 WELDING - T' 0610-003 GAS CUTTING - T' 3 AA062M101

12.5 THE REST



THREADS:

- (i) TOLERANCE CLASS - MEDIUM
- (ii) TOLERANCE QUALITY - 6g (01)

1	BOSS M33 X 2	AA101209183	944
REMARKS	DESCRIPTION	MATERIAL CODE	UNIT WEIGHT
75 25 27 29	58 59 32 33 46	45 A C	54 55 56 57 66
65	28	28	71
CARD TYPE-3	CARD TYPE-1	CARD TYPE-2	

DEPT. H.X.E. CODE 4222	GRADE OF UNTOL DIM. C/M/F	SCALE 1:1	WEIGHT (KG) 0.44	REF. TO ASSY DRG. 1-165-01-70018	NO. OF ITEMS 005	NO. OF VAR. 73 77
BHARAT HEAVY ELECTRICALS LTD. HARDWAR		A.K.K. P.K.GUPTA		DATE 28-2-87		
SIGN & Date		SIGN		DATE		
K.N.M.		K.N.M.		11/6/87		

TITLE	DRAWING NO. 4-165-01-70047
CARD CODE 3	NO. OF ITEMS 73 77

XE-2-3758
 Ref. Drg. No.
 Sign & Date

PQR

22

Item : All Items of Indent no: 20230341

PRE-QUALIFICATION REQUIREMENT

01.00	TECHNICAL REQUIREMENT	Required	Vendor's Offer
01.01	Vendors should have experience of manufacturing/machining Plug/Screw Plug/Socket Coupling/Boss/Socket (Manufactured by milling/turning/internal or external thread cutting of rounds) or equivalent having diameter 36mm and above in last 7 years from the date of enquiry.	Vendor to Comply & submit suitable evidence	
01.02	Facilities Required: i) Vendor must have round cutting facility to cut rounds 60mm and above. (ii) Vendor must have machining facility for turning and to cut external/internal threads on rounds of diameter 60mm and above. (iii) Vendor must have machining facility to carry out milling operation in order to make hexagonal heads of screws/plugs etc.	Vendor to Comply & submit suitable evidence including technical specifications, technical brochure, photographs etc. of the facilities.	
01.03	Vendor to furnish certificate against clause 01.01 from the customer / company or end user duly confirming that manufactured Plug/Screw Plug/Socket Coupling/Boss/Socket was supplied and used for Hydro Pump or turbine/power plant/capital goods/infrastructure application OR Vendor to submit documentary evidence as per clause 1.04.	Vendor to Comply & submit suitable documents	
01.04	Vendor to furnish name of customer/company with complete contact details and month /year of previous supply along with copy of PO, type of manufacturing facility used for fabrication (assembly/welding/pre-fabrication machining), supply documents, Payment details(invoice copy) and inspection documents of supplied Plug/Screw Plug/Socket Coupling/Boss/Socket .	Vendor to Comply & submit suitable documents	
01.05	All PQR documents are to be stamped and signed in original by Vendor. In case documents and official stamp is in language other than English, documents and details of official stamp are to be translated in English and duly certified by Government agency/approved agency of Government/Embassy.	Vendor to Comply & submit suitable documents	
01.06	BHEL reserves the right to verify the information provided by vendor. In case the information provided by vendor is found to be false/ incorrect, their offers shall be rejected.	Vendor to agree	

NOTE: PQR is not restrictive

18/08/2023
 Ravi Deshpande
 Manager (WT)


Santosh
 21/8/23
 [Santosh Gonde]
 Mgr / WT

BS
 23.8.23
 (BS Amr)
 PGR (FOR AWC)

Manufacturer Name and Address		MANUFACTURING QUALITY PLAN						APPLICABILITIES TO					
BHEL Haridwar accepted sub-contractors only		ITEM/EQUIPMENTS	PLUG, PIPE, LOCK WASHER, BOSS, SCREW PLUG						Q.P. NO	QP/QA/232073		PROJECT	
		W.O. NO.	10848A16901, 10849A16901, 10852A16901, 10853A16901, 10854A16901, 10855A16901, 10856A16901, 10857A16901, 10858A16901, 10859A16901						DATE	18.07.2023			
									REV. NO.	00		CONTRACTOR	BHEL (HEEP) HWR
									PAGE NO.	Page 1 of 1		Indent	20230341 rev 00

S. No.	COMPONENT OPERATION	CHARACTERISTIC CHECKED	CATEGORY	TYPE/METHOD OF CHECKED	QUANTITY OF CHECK	REFERENCE DOCUMENT	ACCEPTANCE DOCUMENT	FORMAT OF RECORD	AGENCY				REMARK
									D	M	B	C	
1	2	3	4	5	6	7	8	9	10	11	12	13	14
1.0	Material Receiving Inspection	Review of Supplier Test Certificate of Material for all the party materials	Major	Visual inspection	100%	As per drg./ Standard	As per drg./ Standard	TC	✓	P	V	-	All party material to be procured from BHEL, Haridwar approved sources with following conditions - In all the cases a mill test certificate correlateable with the component for verification of conformance of the material as per the requirement is essential.
2.0	INPROCESS-INSPECTION												
2.1	Dimensions	Verification of dimensions & visual inspection.	Major	Visual & measurement	100%	As per drg./ Standard	As per drg./ Standard	Obs. Sheet	✓	P	V	-	
3.0		Completeness of Job, Documentation	Major	Visual	100%	As per drg./ Standard	As per drg./ Standard	Record	✓	P	V	-	Item shall be dispatched to BHEL after acceptance by BHEL/ BHEL nominated agency after duly identifying by P.O.No., drg no. Plant Order No. and I.R.No

1. All requirements of P.O., standard and drawing shall be fulfilled.
2. Preservation of machined surfaces to be done with grease or oil (as per indent).
3. BHEL reserves the right for conducting repeat test, if required.

Manufacturer/ Subcontractor	Legends: P Perform by; W Witness by; V Record review; C Customer; B BHEL/BHEL Representative; M Manufacturer/ sub-contractor; D: documents with tick mark shall be submitted by vendor to BHEL.	For BHEL Use	
		Worked by: <i>Deepika Singh</i> Deepika Singh, (QAX)	Approved by:  Sunil Panday, Manager (QAX)

HEX46 (AA1010112198)					
Mvenmatcatn	Ventype	Vencd	Vnm1	Aprvd	Dollar
SL011	M	2669	BRIGHT BAR MFG CO	APPROVED	
SL011	M	4158	JONEJA BRIGHT STEELS PVT LTD	APPROVED	
SL011	M	5119	GOPALSONS STEELS PVT.LTD.	APPROVED	
SL011	M	6068	STAR WIRE (INDIA) LTD.	APPROVED	
SL011	M	21050	ISMT LIMITED	APPROVED	
SL011	M	41573	D.H.EXPORTS PVT LTD	APPROVED	

RND50(AA1010209183)					
Mvenmatcatn	Ventype	Vencd	Vnm1	Aprvd	Dollar
SL039	S	2968	SANDOZ METALS (INDIA)	APPROVED	
SL039	M	3598	ARCVAC FORGECAST PRIVATE LTD	APPROVED	
SL039	S	4177	MAHAWAR IRON STORES PVT LTD	APPROVED	
SL039	M	4191	SKYWAY STEEL INDUSTRIES	APPROVED	
SL039	M	19158	LAXCON STEELS LTD	APPROVED	
SL039	M	20183	WELSPUN SPECIALTY SOLUTIONS	APPROVED	
SL039	S	20233	RIDHI SIDDHI STEEL CORPORATION	APPROVED	
SL039	M	21050	ISMT LIMITED	APPROVED	
SL039	M	24025	RASHTRIYA ISPAT NIGAM LIMITED	APPROVED	
SL039	M	41122	SUN FLAG IRON & STEEL CO. LTD.	APPROVED	

RND56 (AA1010209191)

Mvenmatcatn	Ventype	Vencd	Vnm1	Aprvd	Dollar
SL039	S	2968	SANDOZ METALS (INDIA)	APPROVED	
SL039	M	3598	ARCVAC FORGECAST PRIVATE LTD	APPROVED	
SL039	S	4177	MAHAWAR IRON STORES PVT LTD	APPROVED	
SL039	M	4191	SKYWAY STEEL INDUSTRIES	APPROVED	
SL039	M	19158	LAXCON STEELS LTD	APPROVED	
SL039	M	20183	WELSPUN SPECIALTY SOLUTIONS	APPROVED	
SL039	S	20233	RIDHI SIDDHI STEEL CORPORATION	APPROVED	
SL039	M	21050	ISMT LIMITED	APPROVED	
SL039	M	24025	RASHTRIYA ISPAT NIGAM LIMITED	APPROVED	
SL039	M	41122	SUN FLAG IRON & STEEL CO. LTD.	APPROVED	

RND63(AA1020218207)

Mvenmatcatn	Ventype	Vencd	Vnm1	Aprvd	Dollar
SL039	S	2968	SANDOZ METALS (INDIA)	APPROVED	
SL039	M	3598	ARCVAC FORGECAST PRIVATE LTD	APPROVED	
SL039	S	4177	MAHAWAR IRON STORES PVT LTD	APPROVED	
SL039	M	4191	SKYWAY STEEL INDUSTRIES	APPROVED	
SL039	M	6068	STAR WIRE (INDIA) LTD.	APPROVED	
SL039	M	19158	LAXCON STEELS LTD	APPROVED	
SL039	M	20183	WELSPUN SPECIALTY SOLUTIONS	APPROVED	

SL039	S	20233	RIDHI SIDDHI STEEL CORPORATION	APPROVED	
SL039	M	24025	RASHTRIYA ISPAT NIGAM LIMITED	APPROVED	
SL039	M	41122	SUN FLAG IRON & STEEL CO. LTD.	APPROVED	