

**ODISHA CONSTRUCTION CORPORATION LIMITED**  
(A GOVT. OF ODISHA UNDERTAKING)  
**CENTRAL WORKSHOP, RASULGARH,**  
**BHUBANESWAR-751010 (ODISHA)**

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**TENDER DOCUMENT FOR**

**“Supply of Casting items for Kusumi Barrage Project and Saptamatruka Barrage Project (Left Arm) ”**

The tender document comprises of the following:

1)	Tender call notice No. OCC/CWS/PROC/ KBP-02(P-I) / 35 /2025-26 dated.01.07.2025	01 (One) sheet
2)	Terms and conditions	04 (Four) sheets
3)	Drawings	18 (Eighteen) sheets
4)	Price schedule	02 (Two ) sheets
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Total :		25 ( Twenty five ) sheets
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**Signature of the tenderer or his/their  
power of attorney holder  
with designation & seal.**

**Senior Manager (Mech.)-I  
OCC Ltd, Central Workshop,  
Rasulgarh, Bhubaneswar-751010**

**ODISHA CONSTRUCTION CORPORATION LIMITED**  
(A GOVT. OF ODISHA UNDERTAKING)  
**CENTRAL WORKSHOP, RASULGARH,**  
**BHUBANESWAR-751010 (ODISHA)**

**TENDER CALL NOTICE No. OCC/CWS/PROC/ KBP-02(P-I)/ 35 /2025-26 dated 01.07.2025**

Sealed tenders in conformity with the terms, conditions, drawing and technical specifications in tender documents are invited from reputed manufacturers / traders for **"Supply of Casting items for Kusumi Barrage Project and Saptamatruka Barrage Project (Left Arm) "** as per details below:

Cost of tender document (Non-refundable)	Sale of tender document		Earnest money deposit (EMD) required	Receipt of tender	Opening of Technical & price bid of tender
<b>Rs. 600/-</b> GST @ 18% <b>Rs.708/-</b> by hand & <b>Rs.808/-</b> by Regd. Post/ courier	From <b>01.07.2025</b>	To <b>10.07.2025</b> up to <b>1.00</b> <b>PM</b>	1(One)% of the total quoted value including GST	Up to <b>3.30 P.M.</b> on <b>01.07.2025</b>	At <b>4.00 PM</b> on <b>10.07.2025</b>

The tender document can be purchased by the interested reputed manufacturers or their authorized dealers / traders by hand from the office of the undersigned on deposit of cost of tender document i.e. **Rs.600/-** plus GST @ 18% amounting to **Rs.708/-** in cash or in shape of A/c. payee demand draft drawn in favour of "Odisha Construction Corporation Limited" - Project Account on any Nationalised Bank/ Scheduled Bank payable at Bhubaneswar (Non-refundable) and production of attested copies of the following documents and verification thereof by the undersigned. The tender document can also be obtained by the interested reputed manufacturers or their authorized dealers / traders by speed post on sending the cost of tender document i.e. **Rs.600/-** plus GST @ 18% and postage charges of **Rs.100/-** amounting to **Rs.808/-** in shape of A/c. payee demand draft drawn as stated above and attested copies of the following documents and verification thereof by the undersigned. The tender document should be submitted only through Speed post /Email (**smcwsoccltender@gmail.com**) within stipulated date and time . The undersigned will not be responsible for any kind of delay by the postal authorities and technical issue.

- 5) Valid GST Registration Certificate.
- 6) PAN Card
- 7) The bidders have to submit copies of purchase orders, credentials, certificates etc. in support of supply of similar items of similar magnitude in last 5 financial years (i.e. from financial year 2020-21 to 2024-25 including current financial year 2025-26).
- 8) Tenderer should submit valid manufacturer / trader registration certificate.

The tender document can also be downloaded from our Website [www.odishaconstruction.com](http://www.odishaconstruction.com) or Govt. of Odisha website [www.odishagov.nic.in](http://www.odishagov.nic.in) to submit the tender (**Bidders are requested to visit our website regularly for any changes since it will not be published in news paper again**). However, the cost of tender document i.e **Rs.600/-** plus GST @ 18% amounting to **Rs.708/-** in shape of A/c payee demand draft as stated above in favour of "Odisha Construction Corporation Limited" - Project Account on any Nationalised Bank/ Scheduled Bank payable at Bhubaneswar (Non-refundable) along with attested photo copies of all above documents should be submitted while submitting the tender in Envelope-I. Otherwise, the offer shall not be considered and OCCL will not be responsible for missing of any page while downloading. If there will be a public holiday on the last date of sale of tender document and receipt & opening of the tender as specified above, the tender document will be sold and tender will be received & opened on the next working day at the same time and venue.

**The SSI/NSIC/MSME units participating in tender are not entitled for exemption from payment of EMD/ Security Deposits/ Tender Paper costs as communicated vide DOWR Letter No. IIM-24/2018-14318/WR dated 24.05.2018 & Head Office, OCCL Letter No.5502/OCC/ CW-02/09(Vol-V)(WE) dated 30.05.2018.**

The tenders will be opened in the presence of the tenderers or their authorised representatives. Tender through Fax/Telex/telegram will not be accepted

The undersigned reserves the right to accept or reject any or all quotations without assigning any reason thereof.

Signature of the tenderer or his/their  
power of attorney holder  
with designation & seal.

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OCC Ltd, Central Workshop,  
Rasulgarh, Bhubaneswar-751010

**ODISHA CONSTRUCTION CORPORATION LIMITED**

(A GOVT. OF ODISHA UNDERTAKING)

**CENTRAL WORKSHOP, RASULGARH,**

**BHUBANESWAR-751010 (ODISHA)**

**TERMS AND CONDITIONS OF TENDER FOR**

**“ Supply of Casting items for Kusumi Barrage Project and Saptamatruka Barrage Project (Left Arm)”**

- 1) Reputed manufacturers/ traders having supplied similar item of similar magnitude earlier and satisfactorily accepted by the clients will be eligible to participate in the tender. The copies of purchase orders, credentials, certificates etc. in support of similar supply and satisfactory performance thereof will be furnished along with the tender.
- 2) Tender should be submitted in two bid system in two separate sealed covers and both will be submitted in a single sealed outer cover subscribing in bold letters as “ **Supply of Casting items for Kusumi Barrage Project and Saptamatruka Barrage Project (Left Arm)** ” and also date of opening of tender. The name and address of the tenderer should not be written on outer cover. Only the name and address of the purchaser should be written on the outer cover.
- 3) The tenderer should submit Earnest Money Deposit (EMD) @ 1(One)% of the total quoted value along with the tender in shape of N.S.C. / Postal office TDR / Bank Time Deposit Account / Kisan Vikas Patra / Bank Guarantee / Demand draft in favour of Odisha Construction Corporation limited, Bhubaneswar from any Nationalized Scheduled Bank in India counter guaranteed by its local branch at Bhubaneswar / e-Bank Guarantee executed on the National e-Governance Service Limited (NeSL) Digital Document Execution Portal/ FD / TDR pledged in favour of the undersigned. The tenders received without EMD will be outrightly rejected. EMD of the unsuccessful tenderers will be released only after finalization of the tender.
- 4)
  - i) The first envelope super scribing in bold letters as “**TECHNICAL BID**” should contain the following:
    - a. Attested copy of valid GST registration certificates. The tenderer will mention his GST Regn. No. in his tender clearly without which the tender will not be taken into consideration.
    - b. EMD of 1% as per clause- 3 above
    - c. Attested copy of PAN Card.
    - d. The bidders have to submit copies of purchase orders, credentials, certificates etc. in support of supply of similar items of similar magnitude in any one year of last 5 financial years (i.e. from financial year 2020-21 to 2024-25 including current financial year 2025-26).
    - e. Complete tender document in original including terms and conditions but without detailed specifications and price schedule duly signed on each page by the tenderer or his/their power of attorney holder. In case of power of attorney holder, an attested copy of power of attorney should be furnished.
  - ii) Second envelope subscribing in bold letters “**SPECIFICATION AND PRICE SCHEDULE**” should contain detailed specifications and price schedule in original only duly filled in without leaving any column and line blank and signed on each page by the tenderer or his/their power of attorney holder.
- 5) The tender document should be submitted only through Speed post, email (**smcwsoccltender@gmail.com**) and Registered Post within stipulated date and time . No other mode will be accepted other than Registered Post / Speed Post/email (**smcwsoccltender@gmail.com**) to receive the tender document by this office. The undersigned will not be responsible for any kind of delay by the postal authorities and technical issue.
  - i) The bid documents (technical bid & price bid) submitted through e-mail by the bidders must be password protected & the password is to be set by the bidder himself.
  - ii) The bidder documents (technical bid & price bid) will be opened in presence of the interested bidders on the scheduled date and time as mentioned in the tender. The password is to be revealed or intimated by the quotationer or bidder at the time of opening of price bid documents.
  - iii) The bids received through e-mail without password will be outrightly rejected.

Signature of the Tenderer agency or  
His/their Power of attorney holder  
with designation & seal.

//1//

Senior Manager (Mech.)-I  
OCC Ltd, Central Workshop,  
Rasulgarh, Bhubaneswar-10.

6. The tenderer who will participate through email ([smcwsoccltender@gmail.com](mailto:smcwsoccltender@gmail.com)), must upload all the self attested technical bid documents in one Enclosure-1 and Price schedule in another Enclosure-2. The tender (participated through e-mail) will scan the tender & EMD cost document / relevant financial documents and upload the same along with tender document in Enclosure-1. Subject of the Email should be **“Tender for Supply of Casting items for Kusumi Barrage Project and Saptamatruka Barrage Project (Left Arm) ”**. Original copy of tender and EMD cost must submitted to the undersigned within 05(five) days of opening of tender, otherwise bid shall be rejected and the bidder will be debarred from participation in any future tender
- 7) The tender document can be purchased by the interested reputed manufacturers / traders by hand from the office of the undersigned from **01.07.2025 to 10.07.2025** (up to 1.00 P.M) during office hours on deposit of cost of tender document i.e. **Rs.600/-** plus GST @ 18% amounting to **Rs.708/-** in cash or in shape of A/c. payee demand draft drawn in favour of **“Odisha Construction Corporation Limited” – Project Account** on any Nationalized Bank / Scheduled Bank payable at Bhubaneswar (non-refundable) and production of attested copies of the following documents and verification thereof by the undersigned. The tender document can also be obtained by the interested reputed manufacturers / traders by registered post/speed post/courier on sending the cost of tender document i.e. **Rs.600/-** plus GST @ 18% and postage charges of **Rs.100/-** amounting to **Rs.808/-** in shape of A/C. payee demand draft drawn in favour of **“Odisha Construction Corporation Limited” - Project Account** on any Nationalized Bank / Scheduled Bank payable at Bhubaneswar (non-refundable) and sending attested copies of the following documents and verification thereof by the undersigned.
  - a. Valid GST Registration Certificate.
  - b. PAN Card
  - c. The bidders have to submit copies of purchase orders, credentials, certificates etc. in support of supply of similar items of magnitude minimum amounting to 5.00 lakh in last 5 financial years (i.e. from financial year 2020-21 to 2024-25 including current financial year 2025-26).
  - d. Tenderer should submit valid manufacturer / trader registration certificate
- 8) The tender document can also be downloaded from our Website [www.odishaconstruction.com](http://www.odishaconstruction.com) or Govt. of Odisha website [www.odishagov.nic.in](http://www.odishagov.nic.in) to submit the tender (Bidders are requested to visit our website regularly for any changes since it will not be published in news paper again). However, the cost of tender document i.e. **Rs.600/-** plus GST @ 18% amounting to **Rs.708/-** in shape of A/C. payee demand draft, as stated above in favour of **“Odisha Construction Corporation Limited” - Project Account** on any Nationalized Bank/ Scheduled Bank payable at Bhubaneswar (non-refundable) along with attested photo copies of all above documents should be submitted, while submitting tender in Envelope-I, otherwise, the tender will be cancelled. OCCL will not be responsible for missing of any page while downloading.
- 9) The tenders will be received up to **3.30 PM** on **01.07.2025** and same will be opened in the office of the undersigned on the same day at **4.00 PM** in presence of the tenderers or their authorized representatives, if they so desire. If there will be a public holiday on the last date of sale of tender document and receipt & opening of the tenders as specified above, the tender document will be sold and tenders will be received & opened on the next working day at the same time and venue.
- 10) The undersigned will not be responsible for any kind of delay in receipt of tenders by the postal/courier authorities.
- 11) The **PRICE SCHEDULE BID & TECHNICAL BID** will be opened on **10.07.2025 at 4.00 PM**. Then the documents in the first envelope submitted by the tenderers will be scrutinized preliminarily on the spot. The second envelope of the valid eligible tenders after preliminary scrutiny of the documents in the first envelope will be opened on the same day immediately subject to fulfilling the requirements mentioned in the tender schedule.

Signature of the Tenderer agency or  
His/their Power of attorney holder  
with designation & seal.

//2//

Senior Manager (Mech.)-I  
OCC Ltd, Central Workshop,  
Rasulgarh, Bhubaneswar-10.

- 12) The materials should be supplied in finished / fully machined conditions by successful tenderer / supplier as per required dia, length and quantity and should strictly conform to relevant standards of Bureau of Indian Standard (BIS) as mentioned in detailed specification and price schedule.
- 13) The original test certificate of materials from a Govt./Govt. approved testing laboratory will be provided by the successful tenderer/ supplier along with supply of materials. The manufacturer's test certificate will have to be also furnished by the successful tenderer/ supplier. The purchaser is having the option to test the materials in any laboratory at the cost of the supplier and if the materials are not found in accordance with the specifications and grade in relevant Indian Standards, the materials will be rejected.
- 14) The materials will be guaranteed by the supplier against any defect for a period of 18 months from the date of supply or 12 months from the date of use, whichever is earlier. Guarantee certificate in this regard will accompany with supply of materials. If any defect is found in the materials within the guarantee period, the same will have to be replaced free of cost by the supplier.
- 15) The rate of materials should be quoted by the tenderer on unit basis only. The same should be supplied by the successful supplier as per required dia, length and quantity in numbers as mentioned in detail specification and Price Schedule.
- 16) The tenderer will quote their rates F.O.R. OCCL Store, Central Workshop, Rasulgarh, Bhubaneswar-10 (Odisha) indicating separately the basic price, packing, forwarding, transportation, transit insurance, handling charges, taxes, duties, levies etc. strictly in the specifications and price schedule format in original. All columns and lines of the specification and price schedule should be filled in properly without leaving any thing blank. The details and rates of duties, taxes etc. should be indicated clearly in the specification and price schedule.
- 17) The tenderer should quote appropriate taxes with the offer.
- 18) Pre-delivery inspection (P.D.I) before despatch of the materials will be made at the manufacturer's works by the authorized representative of the purchaser / client / third party for which the manufacturer should intimate in writing for P.D.I. 10 days in advance regarding readiness for P.D.I.
- 19) The rates and amounts should be quoted both in figures and words in the price schedule. Any correction or overwriting in the specification and price schedule should be duly certified by the tenderer or his power of attorney holder. In case of any mismatch in figures and words, the rates in words will be considered. In case of any mismatch in rates and amount, the rate will be considered.
- 20) 90% payment will be made within 30 days of receipt, verification and acceptance of the complete materials along with bill, test certificate, guarantee certificate and other documents. Balance 10% will be released after 18 months of supply or 12 months from the date of commissioning whichever is earlier. However if a performance bank guarantee is received for 10% of the value of materials, the same will be released within 60 days from the date of receipt of materials.
- 21) The purchaser reserves the right to forfeit and encash the performance bank guarantee / EMD in full in case any casting is found defective and not replaced by the tenderer/supplier within a suitable time fixed by the corporation. Any repair to the casting shall be made only after approval of the purchaser. In this connection, the decision of the purchaser is final and binding on the tenderer/supplier.
- 22) Price escalation will not be allowed under any circumstances. The quoted rates will remain firm till execution of the work order.

**Signature of the Tenderer agency or  
His/their Power of attorney holder  
with designation & seal.**

**//3//**

**Senior Manager (Mech.)-I  
OCC Ltd, Central Workshop,  
Rasulgarh, Bhubaneswar-10.**

- 23) The validity of the offer should be for a period of 120 (One hundred twenty) days from the date of opening of the tender.
- 24) The complete ordered quantity shall be supplied by the successful tenderer within 60 (Sixty) days from the date of issue of purchase order failing which the order is liable for cancellation without assigning any reason thereof by the purchaser. In case of cancellation of the order the EMD will be forfeited. In case of any delay in supply of material beyond the delivery schedule whatever may be the reason, supplier shall be liable to pay L.D. @ 0.5% (Half percent) of the total order value per week of delay or part thereof subject to a maximum of 5% (Five percent) of the total order value.
- 25) After submission of tender and before placing order, the bidder may be asked by the undersigned to attend techno-commercial discussions and reply to queries within a specified period. If the bidder fail to do so, the tender submitted by the bidder is liable to be cancelled.
- 26) Conditional offers with deviations will not be accepted. Those, who do not agree to the terms and conditions regarding payments, delivery and others, need not quote.
- 27) The authority reserves the right to accept/reject any or all tenders without assigning any reason thereof. The required quantity of materials can be splitted among the two or more tenderers. In this connection, the decision of purchaser is final and binding on the tenderer.
- 28) The duplicate copy of the order shall be signed by the supplier on each page with his seal as acceptance of the order and shall be returned to the purchaser within 07 (Seven) days of receipt of this order failing which the order is liable for cancellation.
- 29) Tender through fax/telex/telegram/e-mail will not be accepted.
- 30) Any dispute arising out of this tender or order thereof is to be settled in proper court under the jurisdiction of Odisha High Court at Cuttack or courts under the jurisdiction of Odisha High Court at Bhubaneswar only.

**Signature of the tenderer or his/their  
power of attorney holder  
with designation & seal.**

**Senior Manager (Mech.)-I  
OCC Ltd, Central Workshop,  
Rasulgarh, Bhubaneswar-751010**

**ODISHA CONSTRUCTION CORPORATION LIMITED**  
(A GOVT. OF ODISHA UNDERTAKING)  
**CENTRAL WORKSHOP, RASULGARH,**  
**BHUBANESWAR-751010 (ODISHA).**

**DETAILED SPECIFICATION AND PRICE SCHEDULE FOR**

**“ Supply of Casting items for Kusumi Barrage Project and Saptamatruka Barrage Project (Left Arm) ”**

**VIDE TCN No.OCC/CWS/PROC/ KBP-02(P-I) / 35 /2025-26 DATED 01.07.2025 DUE DATE OF OPENING ON DATED 10.07.2025**

Sl. No.	Description of Item	Part No.	Unit	Qty. Reqd. in unit	Rate per unit in Rs.				Total amount in Rs. for full materials	
					Basic Price per unit	GST as applicable	Total in figures	Total in words	In figure	In words
STOPLOG GATE OF KUSUMI BARRAGE PROJECT										
1	BRONZE PAD-AS PER DRAWING, LTB-1 OF IS:318	3-19	Nos	20						
	LATCH ARRANGEMENT									
	LIFTING BEAM OF KUSUMI BARRAGE PROJECT									
2	WHEEL PIN-AS PER DRAWING, 45C8 OF IS:2004	2-12	Nos	4						
3	HOOK PIN-AS PER DRAWING, 45C8 OF IS:1570(P-II)	3-2	Nos	2						
4	PIN-AS PER DRAWING, 45C8 OF IS:1570(P-II)	3-15	Sets	1						
5	PIN-AS PER DRAWING, 45C8 OF IS:1570(P-II)	3-32	Nos	1						
6	LIFTING BRACKET PIN-AS PER DRAWING, 45C8 OF IS:1570(P-II)	3-40	Nos	2						
7	LIFTING BAR PIN-AS PER DRAWING, 45C8 OF IS:1570(P-II)	3-43	Nos	2						
8	PIN FOR MONORAIL HOIST HOOK-AS PER DRAWING, 45C8 OF IS:1570(P-II)	3-48	Nos	1						

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with designation & seal.**

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<b>LIFTING BEAM OF SAPTAMATRUKA BARRAGE PROJECT (LEFT ARM)</b>										
9	WHEEL-AS PER DRAWING, STR. STEEL	2-10	Nos	4						
10	WHEEL BUSH-AS PER DRAWING (LTB-1 OF IS:318)	2-11	Nos	4						
11	WHEEL PIN-AS PER DRAWING, X04CR19NI9 OF IS:1570(PART-5)	2-12	Nos	4						
12	BUSH-AS PER DRAWING, ALUMINIUM BRONZE AB-1 OF IS:305	3-3	Nos	2						
13	SPACER-AS PER DRAWING, LTB-1 OF IS:318	3-10	Nos	4						
14	BUSH-AS PER DRAWING, LTB-1 OF IS:318	3-13	No	1						
15	HOOK PIN-AS PER DRAWING, 45C8 OF IS:1570(P-II)	3-2	Nos	2						
16	PIN-AS PER DRAWING, 45C8 OF IS:1570(P-II)	3-15	No	1						
17	PIN-AS PER DRAWING, 45C8 OF IS:1570(P-II)	3-32	Nos	1						
18	LIFTING BRACKET PIN-AS PER DRAWING, 45C8 OF IS:1570(P-II)	3-40	Nos	2						
19	LIFTING BAR PIN-AS PER DRAWING, 45C8 OF IS:1570(P-II)	3-43	Nos	2						
20	PIN FOR MONORAIL HOIST HOOK-AS PER DRAWING, 45C8 OF IS:1570(P-II)	3-47	Nos	1						
<b>STOPLOG LATCH OF SAPTAMATRUKA BARRAGE PROJECT (LEFT ARM)</b>										
21	PIN FOR LATCH(Φ40-128 LONG)-AS PER DRAWING, 45C8 OF IS:1570(P-II)	5-2	Nos	2						
22	BUSH FOR LATCH-AS PER DRAWING, GR AB-1 OF IS:305	5-4	Nos	2						

N.B : Price should be inclusive of P&F, trans., transit insurance, handling charges, incidental charges etc

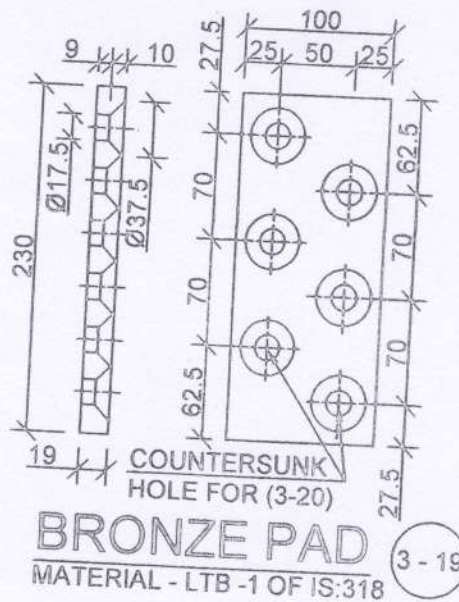
**Signature of the tenderer or his/their  
power of attorney holder  
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Page 2

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Rasulgarh, Bhubaneswar-751010**



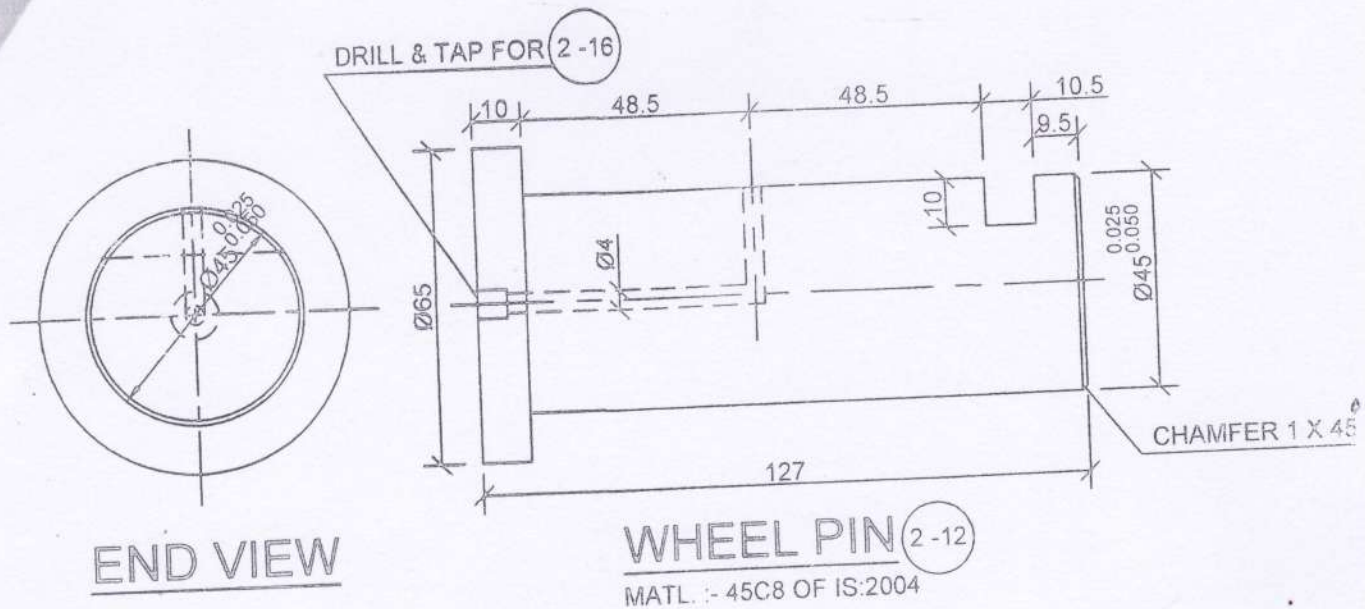
KUSUMI



TOTAL QTY - 20 (TWENTY)✓

*Signature*

STOPLOG GATE FOR  
KUSUMI BARRAGE PROJECT  
OCCL

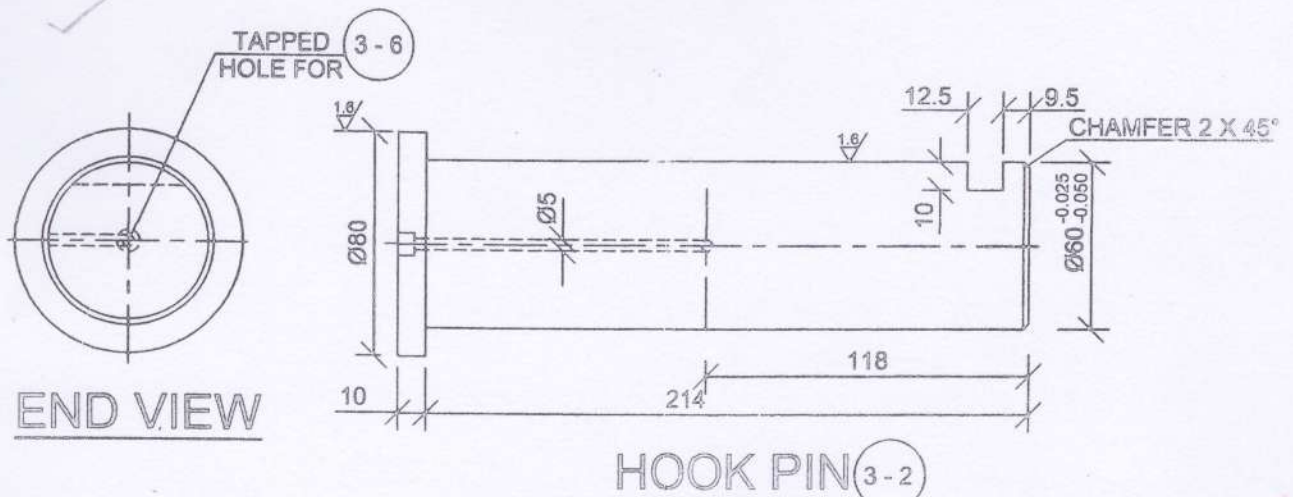


TOTAL QTY - 04 (FOUR) NOS ✓

Note:- (2-16) - Conical head grease nipple AM10X1 IS:4009

*[Signature]*

LIFTING BEAM FOR KUSUMI  
BARRAGE PROJECT  
OCC L



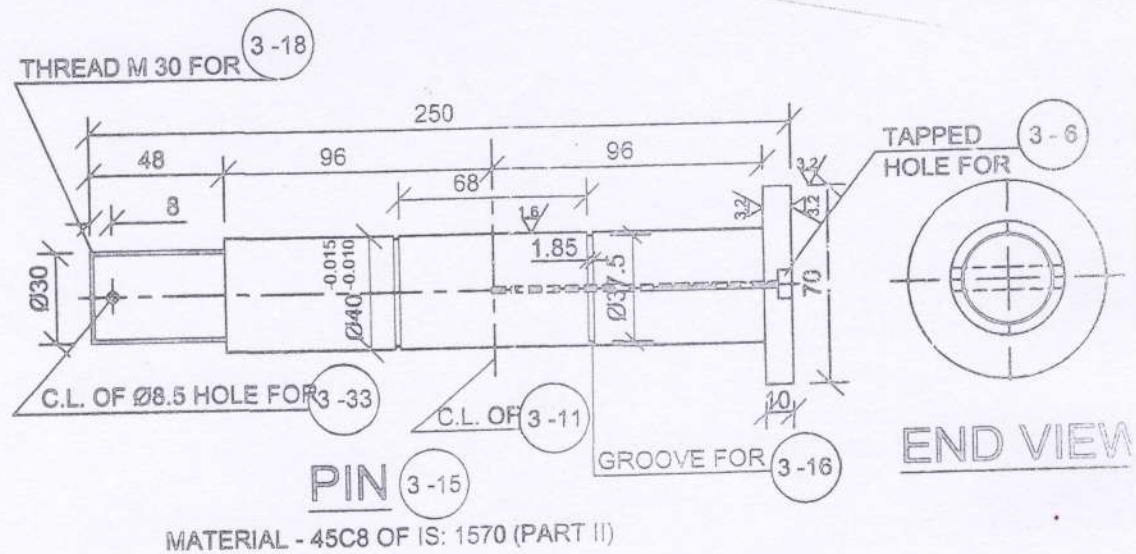
MATERIAL - 45C8 OF IS:1570 (PART II)

TOTAL QTY - 02 (TWO) NOS ✓

Note :- (3-6) - Conical head grease nipple AM10X1 IS:4009(I-II)

*Signature*

LIFTING BEAM FOR KUSUMI  
BARRAGE PROJECT  
OCLL



TOTAL QTY - 01 (ONE) NO /

Note:- (3-6) - Conical head grease nipple AM 10 X 1 IS: 4009 (P-II)

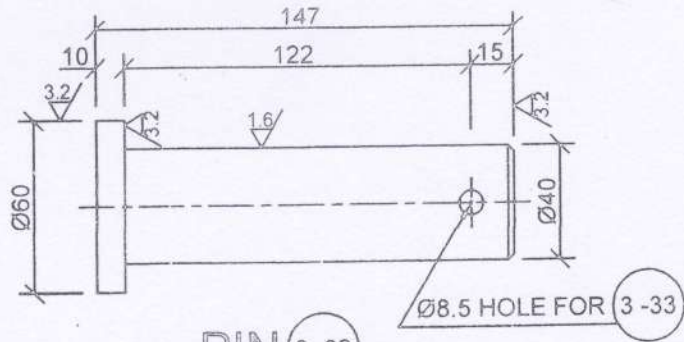
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LIFTING BEAM FOR KUSUMI  
BARRAGE PROJECT  
OCC





END VIEW



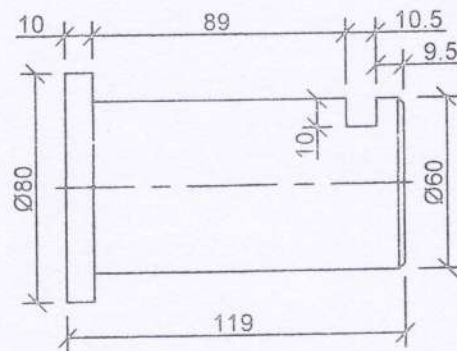
PIN (3-32)

(FOR CENTRAL COUNTER WEIGHT)  
MATERIAL - 45C8 OF IS:1570 (PART-II)

TOTAL QTY - 01 (ONE) NO ✓



END VIEW



LIFTING BRACKET PIN (3-40)

MATERIAL - 45C8 OF IS:1570 (PART - II)

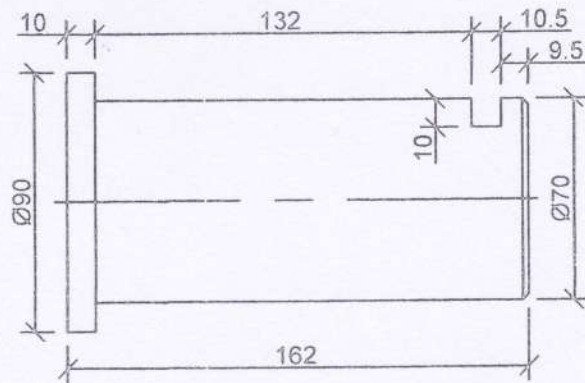
TOTAL QTY - 02 (TWO) NOS ✓

*Signature*

LIFTING BEAM FOR KUSUMI  
GARAGE PROJECT  
OCCL



END VIEW



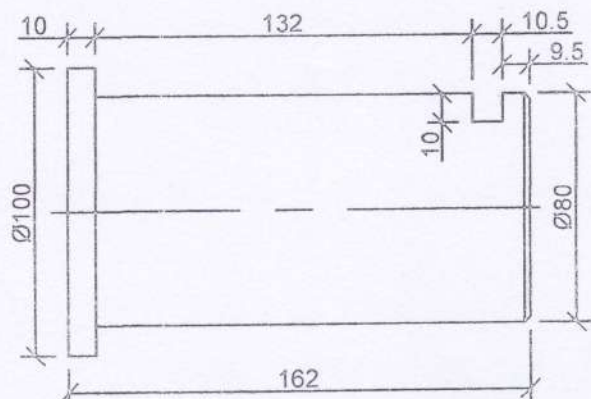
LIFTING BAR PIN (3-43)

(FOR EQUALISER PLATE END)  
MATERIAL - 45C8 OF IS:1570 (PART - II)

TOTAL QTY - 02 (TWO) NOS ✓



END VIEW



PIN FOR MONORAIL

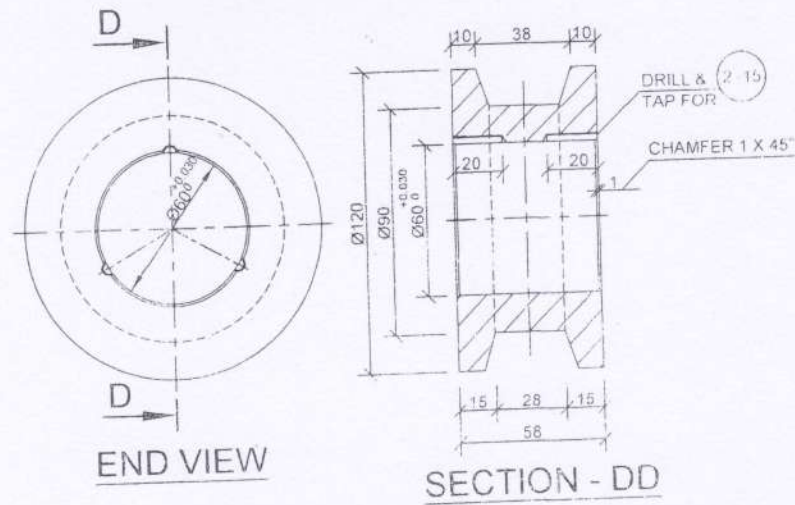
HOIST HOOK (3-48)

MATERIAL - 45C8 OF IS:1570 (PART - II)

TOTAL QTY - 01 (ONE) NO ✓

*Handwritten signature*

LIFTING BEAM FOR KUSUMT  
BARRAGE PROJECT  
OCC



WHEEL (2-10)

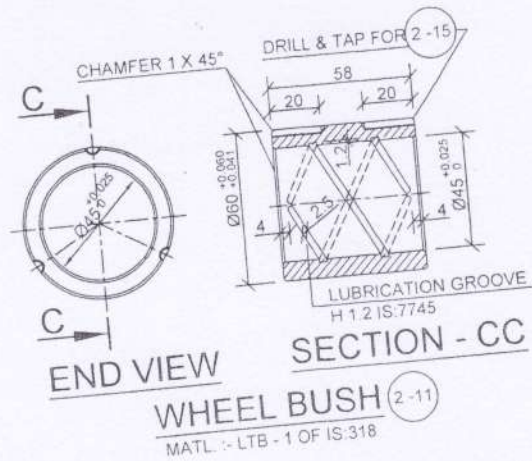
TOTAL QTY - 04 (FOUR).

MAT: - STR. STEEL.

Note: - (2-15) - Grub screw M6 X 20 IS: 6094-3

*Adm.*

LIFTING BEAM FOR SAPTAMITRUKA  
BARRAGE PROJECT (LEFT ARM)  
OCCL



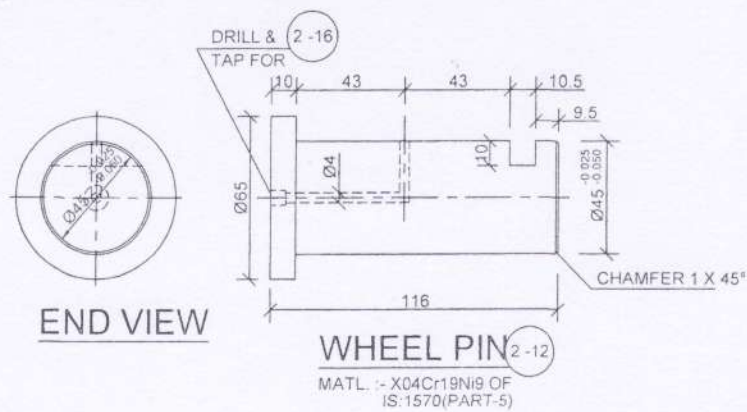
TOTAL QTY-04 (FOUR)

Note :- (2-15) - Groove shown CM 6 X 20 IS: 6094-3

*Padma*

LIFTING BEAM FOR CAPTAMATRUKA  
BARRAGE PROJECT (LEFT ARM)  
OCCL

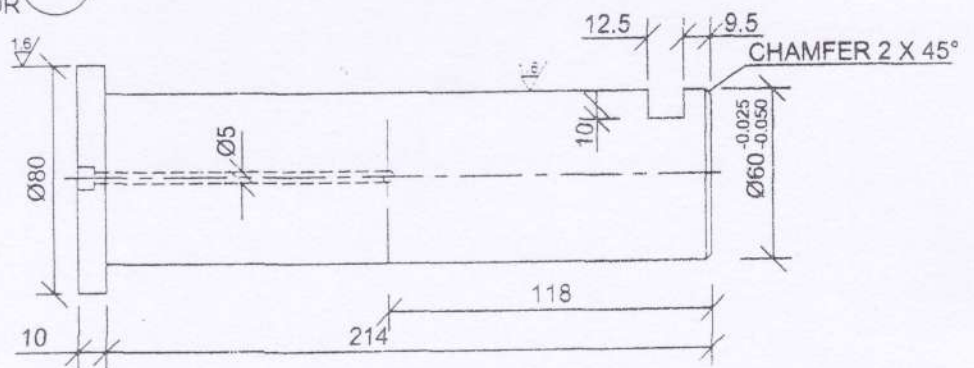
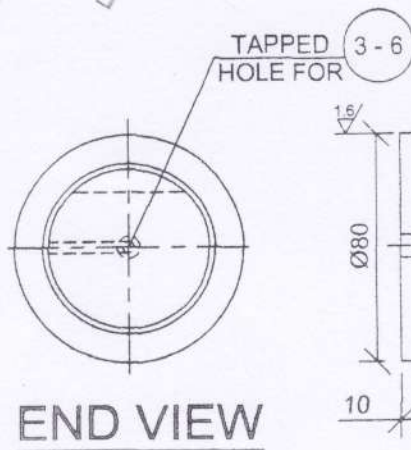




TOTAL QTY - 04 (FOUR).

Note :- (2-16) - Conical head grease nipple AM10X1 IS:4009

LIFTING BEAM FOR SAPTAMATRUKA  
BARRAGE PROJECT (LEFT ARM)  
OCCL



### HOOK PIN 3-2

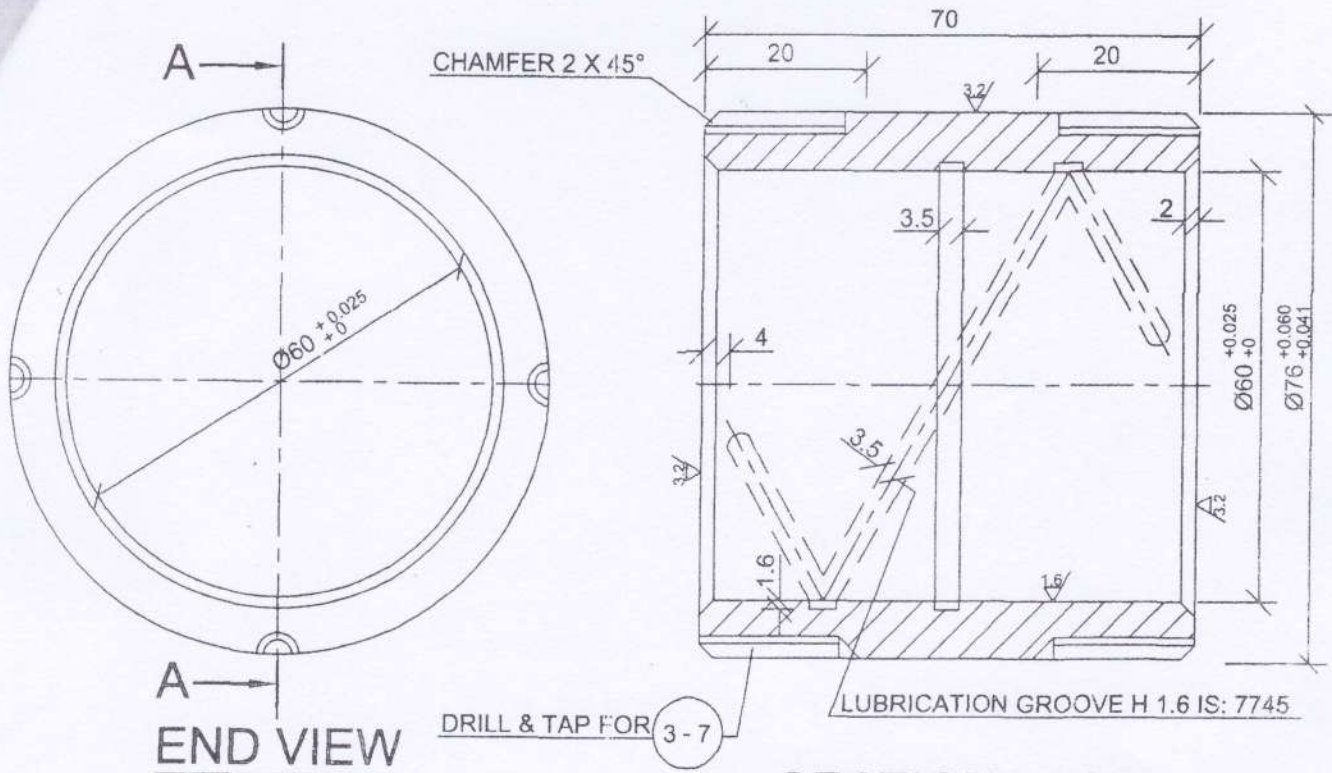
MATERIAL - 45C8 OF IS:1570 (PART II)

TOTAL QTY - 02 (TWO) NOS.

NOTE - (3-6) - Conical head grease nipple  
4x10x1 IS:4009 (Part-II)

*[Signature]*

LIFTING BEAM FOR CAPTAMATRUKA  
BARRAGE PROJECT (LEFT ARM)  
OCCL



**BUSH** (3-3) (FOR HOOK) ✓

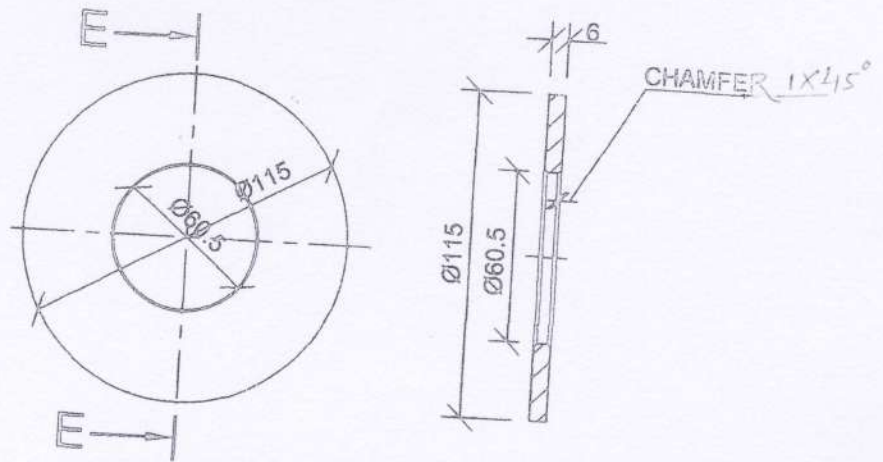
MATERIAL - ALUMINIUM BRONZE GR. AB-1 OF IS:305

TOTAL QTY - 02 (TWO) NOS.

Note - (3-7) - Hex Head socket screw set M6X20 IS:6094-10.9.

*[Signature]*

LIFTING BEAM FOR SAPTAMATRUKA  
BARRAGE PROJECT (LEFT ARM)  
OCCL



SPACER (3-10) SECTION - EE

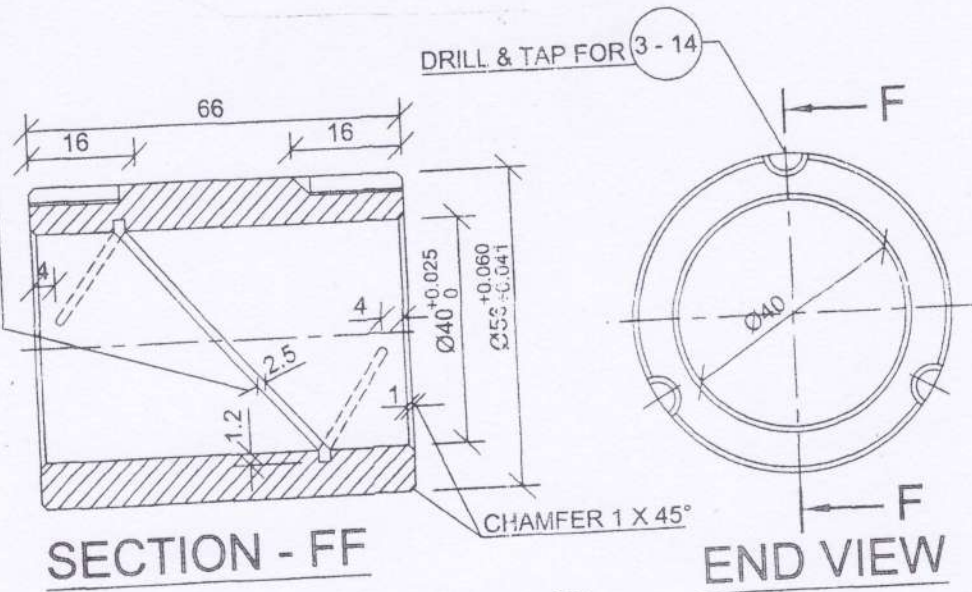
MATERIAL - LTB-1 OF IS: 318

TOTAL QTY - 04 (FOUR) NOS.

LIFTING BEAM FOR SAITAMATRUKA  
BARRAGE PROJECT (LEFT ARM)  
CCCL



LUBRICATION GROOVE H 1.2 IS:7745



**BUSH** (3-13) (FOR OPERATING ARM)

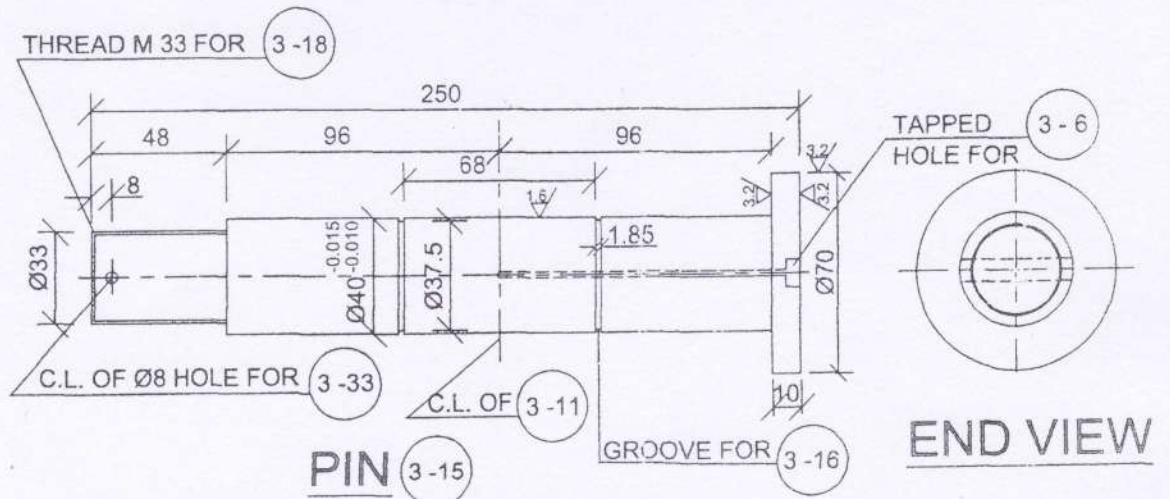
MATERIAL - LTB-1 OF IS:318

TOTAL QTY - 01 (ONE)

Note:- (3-14) - Grub screw M6X16 IS:6094-10.9

*[Signature]*

LIFTING BEAM FOR CAPTAMATROKA  
BARRAGE PROJECT (LEFT ARM)  
OCCL.



MATERIAL - 45C8 OF IS: 1570 (PART II)

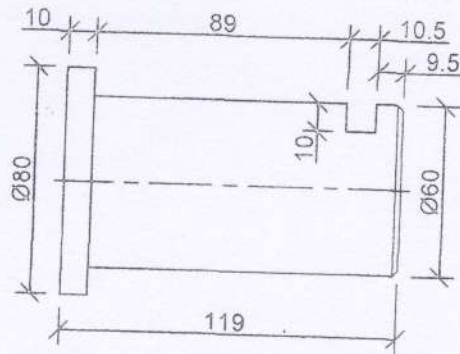
✓ TOTAL QTY - 51 (ONE) NO.

Note :- (3-18) - Hexagon nut IS: 1364 (part 3)  
 (3-16) - Cincip - A40 X 1.75 IS: 3075

*Signature*

LIFTING BEAM FOR SAPTAMATRUKA  
 BARRAGE PROJECT (LEFT ARM)

OCCL



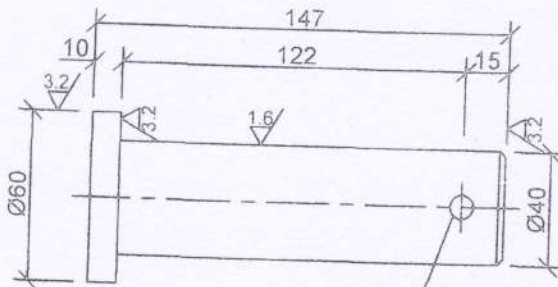
END VIEW **LIFTING BRACKET PIN** (3-40)

MATERIAL - 45C8 OF IS:1570 (PART - II)

TOTAL QTY - 02 (TWO) NOS



END VIEW



PIN (3-32)

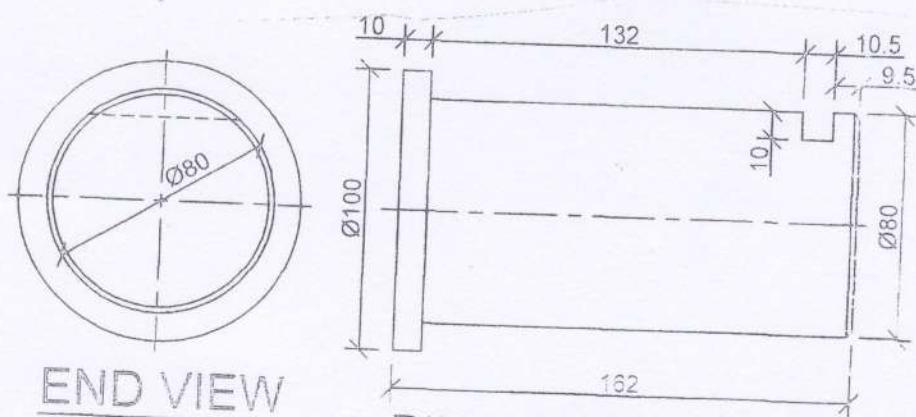
Ø8.5 HOLE FOR (3-33)

(FOR CENTRAL COUNTER WEIGHT)  
MATERIAL - 45C8 OF IS:1570 (PART-II)

TOTAL QTY - 01 (ONE) NO

LIFTING BEAM FOR STOPLOG  
GATE OF SAPTAMATRUKA  
BARRAGE PROJECT  
OCCL





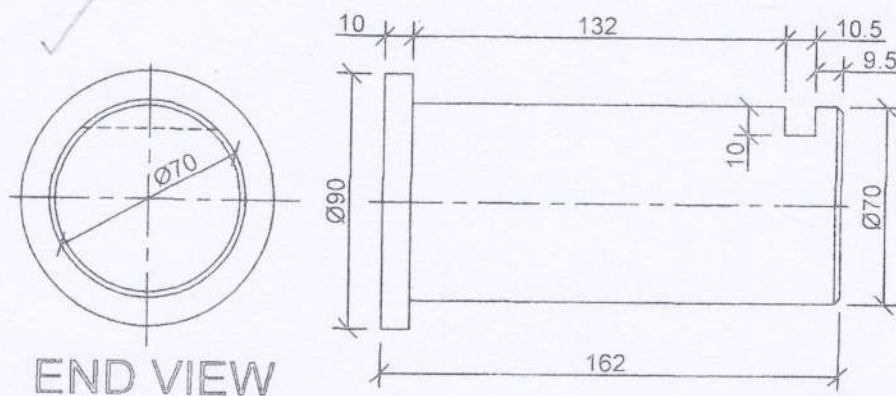
END VIEW

PIN FOR MONORAIL

HOIST HOOK (3-47)

MATERIAL - 45C8 OF IS:1570 (PART - II)

TOTAL QTY - 01 (ONE) NOS



END VIEW

LIFTING BAR PIN (3-43)

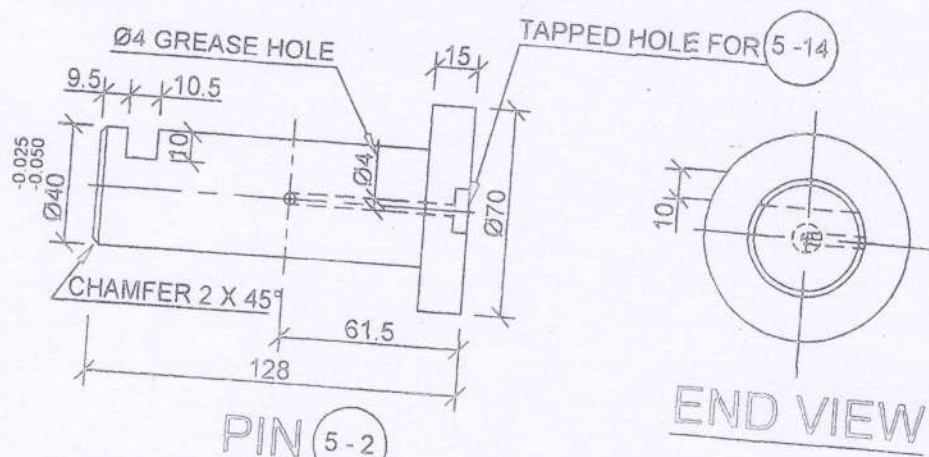
(FOR EQUALISER PLATE END)

MATERIAL - 45C8 OF IS:1570 (PART - II)

TOTAL QTY - 02 (TWO) NOS

LIFTING BEAM FOR STOPLOG  
GATE OF SAPTAMATRUKA  
BARRAGE PROJECT  
OCCL





TOTAL QTY - 02 (TWO) NOS

LATCH ARRANGEMENTS FOR STOPLOG  
OF SAPTAMATRUKA BARRAGE (LEFT  
ARM)

OCCL



QTY - 02 (Two) NOS

LATCH ARRANGEMENTS FOR STOPLOG  
OF CAPTAMATRUKA BARRAGE (LEFT ARM)  
DEC.