

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

TENDER DOCUMENT FOR

“ Supply of Single Reduction worm reducer for 25T Gantry Crane of Lower Suktel Irrigation Project ”

The tender document comprises of the following:

- | | | |
|----|---|-------------------|
| 1) | Tender call notice No.OCC/CWS/PROC/LSIP-06(V-I /
29 /26-27 dated 21.08.2026 (including cover page) | 03 (Three) sheet |
| 2) | Terms and conditions | 03 (Three) sheets |
| 3) | Price Schedule | 01 (One) sheet |
| 4) | Drawings | 03 (Three) sheets |

Total: 10 (Ten) sheets

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

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

ODISHA CONSTRUCTION CORPORATION LIMITED

(A GOVT. OF ODISHA UNDERTAKING)

CENTRAL WORKSHOP, RASULGARH, BHUBANESWAR-751010 (ODISHA)

TENDER CALL NOTICE No. OCC/CWS/PROC/ LSIP-06(V-I) / 29 /2026-27 Dated 21.08.2026

Sealed Tender (through Speed Post) / (through Password protected email) in conformity with the terms & conditions are invited from the reputed manufacturers / authorized dealers for “**Supply of Single Reduction worm reducer for 25T Gantry Crane of Lower Suktel Irrigation Project** ” 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
Rs. 4000/- + GST @ 18% (Rs.4720/- by hand, Rs.4820/- by Speed Post)	From 22.08.2026 (10.30AM onwards)	To 31.08.2026 (up to 1.00 PM)	1(One)% of the quoted value (Excluding GST)	On 31.08.2026 (upto 3.30 PM)	On 31.08.2026 (4.00 PM onwards)

- Tender document can be purchased by the interested reputed manufacturers / authorised dealer by hand from the office of the undersigned on payment of cost of tender document i.e. **Rs.4000/- + GST @ 18%** amounting to **Rs.4720/-** in cash or in shape of A/c. payee demand draft on any Nationalised Bank / Scheduled Bank payable at Bhubaneswar (Non-refundable) drawn in favour of “**Odisha Construction Corporation Limited - Project Account**” and on production of attested copies of the following documents and verification thereof by the undersigned.
 - Valid GST Registration Certificate.
 - PAN Card.
- The tender document can also be obtained by the interested reputed manufacturers / authorised dealer by Speed Post on sending the cost of tender document i.e. **Rs.4000/- + GST @ 18%** and postage charges of **Rs.100/-** amounting to **Rs.4820/-** in shape of A/c. payee demand draft drawn on any Nationalised Bank / Scheduled Bank payable at Bhubaneswar (Non- refundable) drawn in favour of “**Odisha Construction Corporation Limited - Project Account**” and on production of attested copies of the following documents and verification thereof by the undersigned.
 - Valid GST Registration Certificate.
 - PAN Card.
- The tender document can also be downloaded from our Website www.odishaconstruction.com to submit the tender .
- The tender document should be submitted only through Speed Post along with the following self attested hard copies / Email along with the following self attested scan copies mail ID (smcwsoccltender@gmail.com) within stipulated date and time . The undersigned will not be responsible for any kind of delay by the postal authorities or any technical issue of website.
 - Valid GST Registration Certificate.
 - PAN Card.
 - Purchase orders, credentials, certificates etc. in support of supply of similar items of similar magnitude during any one financial year from last 5 financial years(i.e. from financial year 2021-22 to 2025-26).
- Bidders are requested to visit OCCL website regularly for addendum and corrigendum since any changes will not be published in news paper.

The Tenderer should submit tender cost along with self attested photo copies of above documents. The Envelope-I / Enclosure (Technical) will contain complete tender document along with all above required documents, EMD and cost of tender documents. The Envelope -II / Enclosure (Financial) will contain only financial Bid, otherwise, the offer shall not be considered and OCCL will not be responsible for missing of any pages .

- 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.

Signature of the Job Worker agency or
His/their Power of attorney holder
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Senior Manager (Mech.)-I
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7. 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.
8. The tenders will be opened in the presence of the tenderers or their authorised representatives. Tender through Fax/Telex/telegram will not be accepted .
9. The undersigned reserves the right to accept or reject any or all tenders without assigning any reason thereof.

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OCC Ltd, Central Workshop,
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ODISHA CONSTRUCTION CORPORATION LIMITED

(A GOVT. OF ODISHA UNDERTAKING)

**CENTRAL WORKSHOP, RASULGARH,
BHUBANESWAR-751010 (ODISHA)**

TERMS AND CONDITIONS OF TENDER FOR

“ Supply of Single Reduction worm reducer for 25T Gantry Crane of Lower Suktel Irrigation Project ”

1. The tenderer should furnish technical literature and catalogues showing all dimensions and details in support of specifications of Worm Reducer quoted by them.
2. The tenderer should submit Earnest Money Deposit (EMD) @ 1(One)% of the total quoted value along with the tender 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. The tenders received without EMD will be out rightly rejected. EMD of the unsuccessful tenderers will be released only after finalization of the tender.
3. Submission of tender : -
 - A) Via Speed Post : The tenderer should submit the tender in two sealed envelope should be enclosed in outer covers. Subscribing in bold letters **“Supply of Single Reduction worm reducer for 25T Gantry Crane of Lower Suktel Irrigation Project ”** with enquiry No. And due date of opening.
 - B) Via email : The tenderer should submit the tender in two password protected attachments in e-mail ID : smcwsoccltender@gmail.com with subject of the e-mail mentioned as **“ Supply of Single Reduction Worm Reducer for 25T Gantry Crane of Lower Suktel Irrigation project** along with enquiry No. & date of opening.
4. Envelop-1 should contain (Technical bid):
 - a) Tender fee
 - b) Valid GST Registration Certificate (self attested).
 - c) PAN Card (self attested).
 - d) Purchase orders, credentials, certificates etc. in support of supply of similar items of similar magnitude during any one financial year of last 5 financial years(i.e. from financial year 2021-22 to 2025-26)(self attested).
 - e) The original terms & conditions, price schedule duly signed by the tenderer, without which the offer will not be considered .
 - f) EMD of 1% as per clause- 2 above

Envelop -II (Financial Bid) should contain the duly filled price schedule.
5. The tenderer will quote their rates F.O.R. OCCL Store, Central Workshop, Rasulgarh, Bhubaneswar indicating separately the basic price per each inclusive of packing, forwarding, transportation, transit insurance and handling charges & GST, duties, levies etc. strictly in the detailed specifications and price schedule format in original. All columns and lines of the price schedule should be filled in properly without leaving anything blank. The details and rates of duties, taxes and levies etc. should be indicated clearly in the price schedule.

**Signature of the Tenderer agency or
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OCC Ltd, Central Workshop,
Rasulgarh, Bhubaneswar-10.**

6. 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.
7. The Bid 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.
8. The password is to be revealed or intimated by the tenderer or Bidder at the time of opening of price Bid documents.
9. The Bids received through e-mail without password will be out-rightly rejected.
10. The tenderer who will participate through email (**smcwsoccltender@gmail.com**), must upload all the self attested technical Bid documents in one Enclosure (Technical) and the Price schedule in another Enclosure (Financial). The tenderer (participated through e-mail) will scan the relevant documents and upload the same along with password protection. Subject of the Email should be **"Tender for Supply of Single Reduction worm reducer for 25T Gantry Crane of Lower Suktel Irrigation Project "**.
11. Original copy of tender, tender paper cost & 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 for participation in any future tender.
12. The tenders will be received and opened in the office of the undersigned as per the information in the table of tender call notice in presence of the Tenderer or their authorized representatives, if they so desire.
13. 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.
14. The tenderer should quote appropriate taxes with the offer.
15. 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.
16. The Single Reduction Worm Reducer shall be guaranteed by the tenderers for a period of 18 months from the date of supply or 12 months from the date of erection and use, whichever is earlier. Guarantee certificate in this regard shall accompany with supply.
17. Single Reduction Worm Reducer must be supplied strictly confirming to relevant details specifications and technical data along with the tender.
18. Manufacturers test certificate of Single Reduction Worm Reducer as per details specification and technical data must be provided along with supply. The test certificate of the reducer shall also be provided from a NABL accredited approved test laboratory along with supply of Single Reduction Worm Reducer. The purchaser is having the option to test the reducer in any laboratory at the cost of the supplier and if the materials are not found in accordance with the specifications, the materials will be rejected. The Single Reduction Worm Reducer shall be inspected by the authorized representative of the purchaser. In case of any defect noticed during the guarantee period the same shall be replaced / rectified immediately by the manufacturer free of cost.

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OCC Ltd, Central Workshop,
Rasulgarh, Bhubaneswar-10.**

19. The tenderer shall quote their rates F.O.R. OCCL Store, Central Workshop, Rasulgarh, Bhubaneswar-10, Odisha inclusive of P & F, transportation, transit insurance, handling charges, unloading charges, taxes etc., duties, levies etc. However duties and taxes should be indicated separately besides the basic price per each in the tender paper strictly in the detailed specifications and price schedule format. All columns and lines of the price schedule should be filled in properly without leaving any column blank.
20. The purchaser is having the option to conduct Pre-delivery inspection (P.D.I) before despatch of the materials at the manufacturer's works by the authorized representative of the purchaser for which the manufacturer should intimate in writing for P.D.I. 10 days in advance regarding readiness for P.D.I.
21. 90% payment will be made within 30 (Thirty) days of receipt, verification and acceptance of the complete materials along with bill, test certificate, guarantee certificate and other documents. Balance 10% payment 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 (Sixty) days from the date of receipt of materials.
22. The validity of the offer should be for a period of 120 (One hundred twenty) days from the date of opening of the tender.
23. 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 PBG 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.
24. Tender through fax/telex/telegram will not be accepted.
25. Purchase order may be cancelled in case any material is found defective and not replaced by the tenderer within a suitable time fixed by the Corporation without any extra cost. In this connection, the decision of the purchaser is final and binding on the tenderer.
26. Price escalation will not be allowed under any other circumstances except Sl. No.20. The quoted rates will remain firm till execution of the purchase order.
27. Conditional offers with deviations will not be accepted. Those, who do not agree to the terms and regarding payments, delivery and others, need not quote.
28. The authority reserves the right to accept/reject any or all tenders without assigning any reason thereof.
29. 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 agency or
His/their Power of attorney holder
with designation & seal.**

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

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

PRICE SCHEDULE FOR “SUPPLY OF SINGLE REDUCTION WORM REDUCER FOR 25T GANTRY CRANE OF LOWER SUKTEL IRRIGATION PROJECT”

Sl. No.	Part No.	Description	Unit	Qty.	Rate per each					Total amount for full Quantity	
					Make	Basic price per each	GST as applicable	Total in figures	Total in words	In figures	In words
25T Gantry crane of Lower Suktel Irrigation Project											
1	9-37	70 : 1 , Single reduction worm reducer Suitable for Input of 12 KW / 16 H.P. at 730 rpm with both direction of rotation, input shaft arranged below the output shaft. The output shaft extended to both sides of the worm reducer, unit size GU-1000 premium make or equivalent (As per Annexure-I).	No.	01 (One)							
1	14-1	70 : 1 , Single reduction worm reducer Suitable for Input of 6.7 KW / 9 H.P. at 967 rpm with extended shaft as per drawing, input shaft arranged below the output shaft. The output shaft extended to one side (One no. - left hand and One no.- right hand extension), unit size - GO 800 premium make or equivalent.(As per Annexure-II & III).	No.	02 (Two)							

- N.B:-
- 1) Original product catalogue for selected model must be submitted along with offer.
 - 2) The basic rate is inclusive of Packing , forwarding transportation, transit insurance, handling charges, incidental charges etc).

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

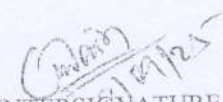
**Senior Manager (Mech.)-I
OCC Ltd, Central Workshop,
Rasulgarh, Bhubaneswar-10.**

SPECIFICATION FOR SINGLE REDUCTION WORM REDUCER

Name of project	: LOWER SUKTEL IRRIGATION PROJECT
Name of work	: Rope Drum Hoist for 25T Gantry Crane.
Total Nos. required	: 1 (One)
Make	: GU 1000 of Premium make or equivalent.

DATA FOR REDUCTION GEAR BOX

- | | |
|---|---|
| 1. Required reduction ratio | : 70:1 |
| 2. (a) Type of Prime Mover | : AC 3Ø, TEFC Slipring Motor |
| (b) H.P. rating and speed | : Input Motor – 12 KW/16 HP at 730 rpm |
| 3. Details of driven machine and Actual power required | : End reduction gear unit for Rope Drum Hoist.
Actual power required is 13.098 HP. |
| 4. Type of drive employed between (a) Prime mover & reducer | : Electromagnetic brake with flexible brake drum coupling. |
| (b) Reducer & driven M/C | : The Worm Reducer output shaft is connected to the line shaft of the End Reduction Gear assembly. |
| 5. No. of hours/day the gear unit will be in operation | : Under three hours. |
| 6. Ambient condition | : Outdoor installation with highly humid atmosphere. |
| 7. Handling arrangement of gear unit and shaft arrangement | : Input shaft arranged below the output shaft. The output shaft is extended to both sides of the Worm Reducer. |
| 8. Direction of rotation | : Suitable for both directions of rotation. |
| 9. Service factor (minimum) | : 1 (One) |
| 10. Efficiency of Reducer (a) Running - | : not less than 75.01 % |
| (b) Starting - | : not less than 46 % |
| 11. Information/Literature to be furnished with the offer. | : (a) Size of unit offered with rating and detail dimensions of gear box mounting, clearance & shaft ends are to be furnished with the offer.
(b) Oil capacity and grade of oil to be filled.
(c) Weight of the Reducer.
(d) Detail literature shall accompany with the offer.
(e) Starting and running efficiencies
(f) Material for Worm & Worm Wheel with Physical & Chemical properties. |


COUNTERSIGNATURE


SIGNATURE 23.04.2025

Annexure-I

1004

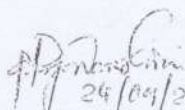
ODISHA CONSTRUCTION CORPORATION LIMITED
GOPABANDHU NAGAR, UNIT-8, BHUBANESWAR-751012

SPECIFICATION FOR SINGLE REDUCTION WORM REDUCER

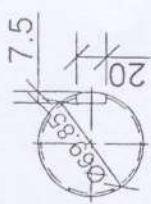
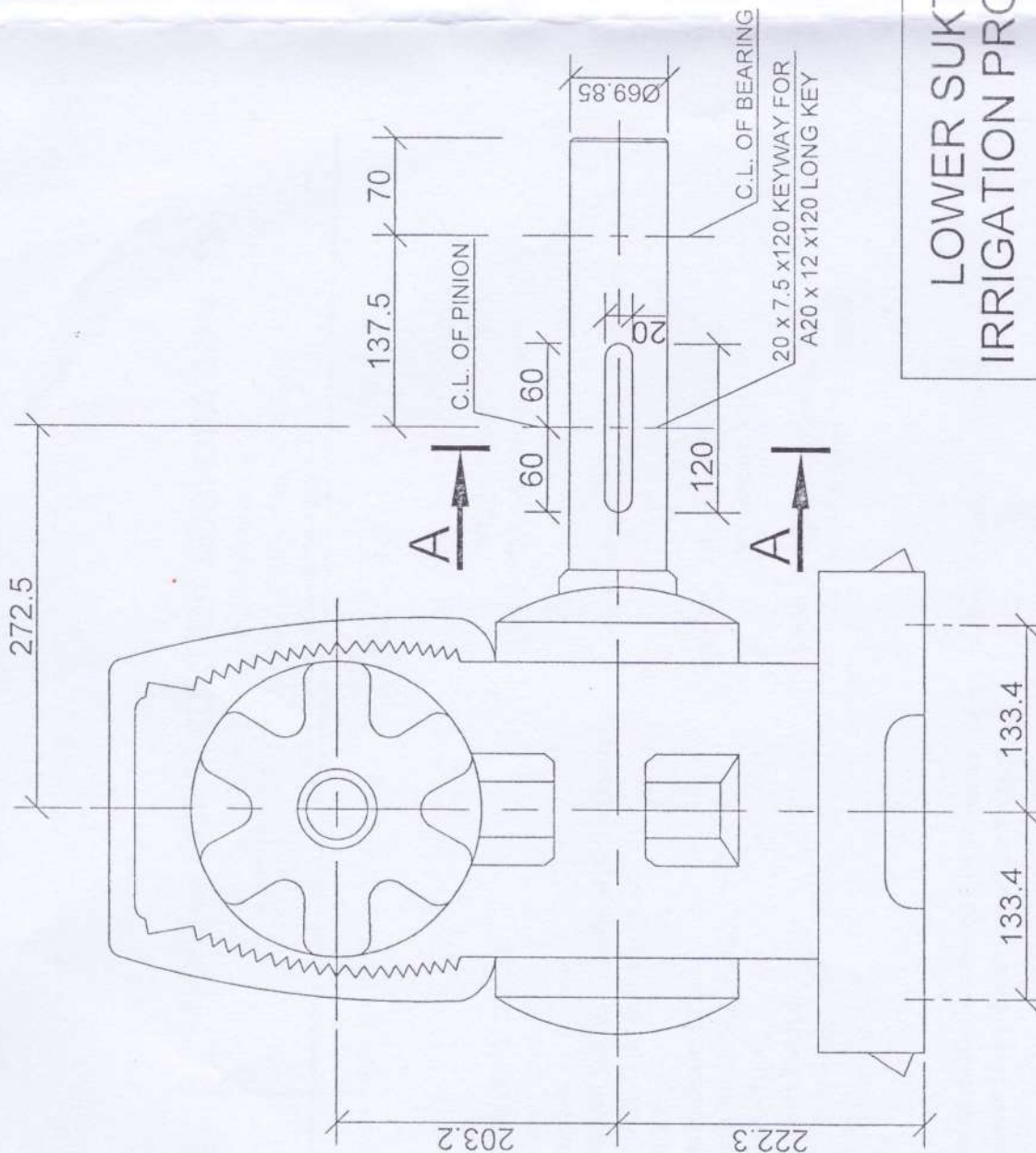
Name of project : LOWER SUKTEL IRRIGATION PROJECT
Name of work : Long travel mechanism for 25T Gantry Crane to operate Spillway Stoplog.
Total Nos. required : 2 (Two)
Make : GO 800 of Premium make or equivalent.

DATA FOR REDUCTION GEAR BOX

1. Required reduction ratio : 70:1
2. (a) Type of Prime Mover : AC 3Ø, TEFC Slipring Motor
(b) H.P. rating and speed : Input Motor 6.7kw/9HP. at 967 rpm
3. Details of driven machine and Actual power required : Long Travel of Gantry Crane.
Actual power required. is 6.53 kw/8.75HP.
4. Type of drive employed between
(a) Prime mover & reducer : Electromagnetic brake with flexible brake drum coupling.
(b) Reducer & driven M/C : The worm reducer output shaft is connected to the driving wheel of the Gantry crane through pinion & idler gear.
5. No. of hours/day the gear unit will be in operation : Under three hours.
6. Ambient condition : Outdoor installation with highly humid atmosphere.
7. Handling arrangement of gear unit and shaft arrangement : Input shaft arranged above the output shaft. The output shaft is extended to one side (one no.-Left hand & one no.- right hand extension) of the worm reducer. (Refer attached drawing)
8. Direction of rotation : Suitable for both directions of rotation.
9. Service factor (minimum) : 1 (One).
10. Efficiency of Reducer
(a) Running - : not less than 72.36 %
(b) Starting - : not less than 44 %
11. Information/Literature to be furnished with the offer. : (a) Size of unit offered with rating and detail dimensions of gear box mounting, clearance & shaft ends are to be furnished with the offer.
(b) Oil capacity and grade of oil to be filled.
(c) Weight of the Reducer.
(d) Detail literature shall accompany with the offer.
(e) Starting and running efficiencies
(f) Material of the worm wheel and worm along with physical & chemical properties.


24/09/2025
PREPARED


24/09/25
CHECKED



SECTION - AA

WORM REDUCER EXTENDED

SHAFT DETAILS

(FOR GO 800 PREMIUM MAKE WORM REDUCER)
TOTAL NOS. REQD.: 2 (TWO) (ONE NO. - LEFT HAND &
ONE NO. - RIGHT HAND EXTENSION)

LOWER SUKTEL IRRIGATION PROJECT		O.C.C.LTD.	
(25 T GANTRY CRANE TO OPERATE SPILLWAY STOPLOGS)		DRAWN	<i>[Signature]</i>
		CHECKED	<i>[Signature]</i>
WORM REDUCER EXTENDED SHAFT DETAILS FOR LONG TRAVEL MECHANISM		SUBMITTED	<i>[Signature]</i>
		APPROVED	<i>[Signature]</i>
SEPTEMBER 2025	DRG.NO.-07-17-07-00-14/03		