

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

**TENDER DOCUMENT FOR**

**SUPPLY OF FASTENERS FOR KUSUMI BARRAGE PROJECT**

The tender document comprises of the following:

1)	Tender call notice No.OCC/CWS/PROC/KBP-03 / 55 /2023-24 dated 28.12.2023	01 (One) sheet
2)	Terms and conditions	04 (Four) sheets
3)	Specifications & Price schedule	08 (Eight) sheets
----- Total :		13 ( Thirteen) sheets -----

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)**

## **Tender Call Notice No. OCC/CWS/PROC/KBP-03 / 55 /2023 -24 Dtd.28.12.2023**

Sealed tenders in conformity with the terms, conditions and specifications in tender documents are invited from reputed manufacturers or their authorized dealers / traders / stockiest / distributor for **"SUPPLY OF FASTENERS FOR KUSUMI BARRAGE 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 price schedule bid & technical bid of tender
<b>Rs.2000/-</b> plus GST @ 18% <b>Rs.2360/-</b> by hand or <b>Rs.2460/-</b> by Regd. Post/ courier.	From <b>29 .12.23</b>	To <b>05.01.2024 up to 1.00 PM</b>	1(One)% of the total quoted value including GST	Up to <b>3.30 PM</b> on <b>05.01.2024</b>	At <b>4.00 PM</b> On <b>05.01.2024</b>

The tender document can be purchased by the interested reputed manufacturers or their authorized dealers / traders / stockiest / distributor by hand from the office of the undersigned on deposit of cost of tender document i.e. **Rs.2000/-** plus GST @ 18%, amounting to **Rs.2360/-** 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 registered post / courier on sending the cost of tender document i.e. **Rs.2000/-** plus GST @ 18% and postage charges of **Rs.100/-** amounting to **Rs.2460/-** 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 undersigned will not be responsible for any kind of delay by the postal/courier authorities.

1. Valid GST Registration certificate.
2. PAN Card.
3. 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 2018-19 to 2022-23 including current financial year 2023-24).
4. Authorised distributorship/stockist/dealership certificate, if not a manufacturer.

The tender document can also be downloaded from our Website [www.odishaconstruction.com](http://www.odishaconstruction.com) to submit the tender (**Bidders are requested to visit our website regularly for any changes**). However, the cost of tender document i.e. **Rs.2000/-** plus GST @ 18% amounting to **Rs.2360-** 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 tender will be cancelled & OCCCL 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 Tender Paper costs as communicated vide DOWR Letter No. IIM-24/2018-14318/WR dated 24.05.2018 & Head Office, OCCCL 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, if they so desire. Tender through Fax/Telex/telegram/e-mail will not be accepted

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

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)**

**TERMS AND CONDITIONS OF TENDER FOR**  
**“SUPPLY OF FASTENERS FOR KUSUMI BARRAGE PROJECT”**

1. Reputed manufacturers or their authorized dealers / traders having supplied similar items 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 **“TENDER FOR SUPPLY OF FASTENERS FOR KUSUMI BARRAGE PROJECT”** and also the 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 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.
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 2018-19 to 2022-23 including current financial year 2023-24).
  - 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 can be purchased by the interested reputed manufacturers or their authorized dealers / traders / stockiest / distributor by hand from the office of the undersigned from **29.12.2023 to 05.01.2024** (up to **1.00 P.M**) during office hours on deposit of cost of tender document i.e. **Rs.2000/-** plus GST @ 18% amounting to **Rs.2360/-** 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 or their authorized dealers / traders by registered post/speed post/courier on sending the cost of tender document i.e. **Rs.2000/-** plus GST @ 18% and postage charges of **Rs.100/-** amounting to **Rs.2460/-** 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.

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.

1. Valid GST Registration certificate.
  2. PAN Card.
  3. 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 2018-19 to 2022-23 including current financial year 2023-24).
  4. Authorised distributorship/stockist/dealership certificate, if not a manufacturer
6. The tender document can also be downloaded from our Website [www.odishaconstruction.com](http://www.odishaconstruction.com) to submit the tender (**Bidders are requested to visit our website regularly for any changes**). However, the cost of tender document i.e. **Rs.2000/-** plus GST @ 18% amounting to **Rs.2360-** 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.
7. The tenders will be received up to **3.30 PM** on **05.01.2024** 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.
8. The undersigned will not be responsible for any kind of delay by the postal/courier authorities.
9. The **PRICE SCHEDULE BID & TECHNICAL BID** will be opened on **05.01.2024** 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.
10. The materials should be strictly confirming to relevant standard of Bureau of Indian Standard (BIS) & specification, size and grade etc. as mentioned in price schedule format enclosed to the tender schedule.
11. Original test certificate of materials confirming to relevant IS: specification and grade will be provided by the successful tenderer from Govt./Govt. approved testing laboratory along with supply of materials. 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 BIS specifications, size and grade, the materials will be rejected
12. 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 within a suitable time fixed by the purchaser.

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13. The rate should be quoted by the tenderer on unit basis only, failing which the offer shall not taken into consideration. In no case the materials shall be received less than the required quantity in Nos. However, in case of any variation in weight that can be considered subject to proper specification of material and also materials in Nos. shall not less than the actual quantity. Further, in case of any irregularities noticed in materials due to under weight, uneven threading, size variation etc. the same shall be out rightly rejected. The tenderer should also mention the make of the items against each to be supplied / rate quoted on the space provided in price schedule format,
14. 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 detailed specifications and price schedule format in original. All columns and lines of the price schedule should be filled in properly without leaving any thing blank. The details and rates of duties and taxes should be indicated clearly in the price schedule.
15. 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% payment shall be released within 90 (Ninety) days from the date of receipt of materials at store, OCCL, Central Workshop, Rasulgarh, Bhubaneswar. No advance payment shall be made under any circumstances.
16. The tenderer should quote appropriate taxes with the offer.
17. The materials shall be inspected and certified by the consignee / client / third party appointed by the purchaser at the premises of Central Workshop, Rasulgarh basing on approved QAP/ specifications/ IS / ISO as per instructions of concerned Engineer-in-Charge.
18. Price escalation will not be allowed under any circumstances. The quoted rates will remain firm till execution of the work order.
19. The validity of the offer should be for a period of 120 (One hundred twenty) days from the date of opening of the tender.
20. The complete ordered quantity is to be supplied within 60 (Sixty) days from the date of issue of the purchase order, failing which the order is liable for cancellation without assigning any reason thereof by the purchaser. In case of any delay in supply of materials beyond the delivery schedule, supplier shall be liable to pay L.D. @ 0.5% (Half percent) of the total ordered value per week of delay or part thereof subject to Max<sup>m</sup> of 5% (Five percent) of the total ordered value. Thereafter, the order may be cancelled with the discretion of purchaser.
21. 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.
22. 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.

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23. The purchaser may increase / decrease the number of items/ quantity to be supplied by the successful tenderer as quantified in detailed technical specification of the price schedule.
24. 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.
25. 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
26. Tender through fax/telex/telegram/e-mail will not be accepted.
27. 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.

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

**ODISHA CONSTRUCTION CORPORATION LTD.**

(A GOVT. OF ODISHA UNDERTAKING)

**CENTRAL WORKSHOP, RASULGARH,**

**BHUBANESWAR-751010 (ODISHA)**

**DETAILED SPECIFICATION & PRICE SCHEDULE FOR**

**" SUPPLY OF FASTENERS FOR KUSUMI BARRAGE PROJECT" VIDE TCN No.OCC/CWS/PROC/ KBP-03 / 55 /23-24 DATED 29.12.2023 DUE ON 05.01.2024**

Sl. No.	Part No	Description of item	Unit	Reqd. Quantity in Nos.	Rate per each unit in Rupees						Total amount for full quantity	
					Basic Price	P&F, trans., transit insurance, handling charges, incidental charges etc.	Duties with details including percentage applicable	GST as applicable	In figures	In words	In figures	In words
1	2-4,2-6,2-10,2-14,2-15 & 2-22	M16 NUT & A18 WASHER (STD.)	Nos	2832								
2	3-17	SPLIT PIN Ø8 X 80 OF IS:549 (S.S)	NOS.	12								
3	3-19	HEX HEAD SCREW IS:1364 PART-II M20 X 70N - 8.8 WITH LOCKNUT & WASHER-STD.	NOS.	48								
4	5-3	HEX. BOLT M16 X 60N IS:1364-STAINLESS STEEL WITH PUNCHED WASHER A - 18 IS:2016	NOS.	576								

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5	5-6	COUNTERSUNK SCREW M12 X 70N IS:1365-STAINLESS STEEL WITH PUNCHED WASHER A - 14 IS:2016	NOS.	396									
6	6-3	HEX.SCREW M16 X 35 IS:1364 (PART-II) - 5.6 WITH WASHER-STD.	NOS.	216									
7	6-4	COUNTER SUNK SCREW M12 X 30 IS:1365-S.S.	NOS.	384									
8	6-5	CONICAL HEAD GREASE NIPPLE AM10 X 1 IS:4009 (PART-II)-STD.	NOS.	24									
9	6-7	HEX. SCREW IS:1364 (PART-II) M10 X 35 - 10.9 WITH WASHER-STD.	NOS.	96									
10	6-8	HEX.SCREW IS:1364 (PART-II) M6 X 20 S - 8.8 WITH WASHER-STD.	NOS.	144									
11	7-13	HEX.HEAD SCREW IS:1364 (PART-II) M12 X 25-5.6 WITH WASHER-STD.	NOS.	96									
<b>16T ROPE DRUM HOIST TO OPERATE BARRAGE BAY GATE (9000mm X 3500mm)</b>													
12	2-4	HEXAGON SOCKET COUNTERSUNK HEAD SCREW M8 X 35 IS:6761-STD.	Nos.	48									
13	2-5	HEX. HEAD BOLT IS:1364 (PART-I) M20 X 120 - 8.8 WITH LOCK WASHER & NUT-STD.	Nos.	72									
14	2-6	HEX. HEAD BOLT IS:1364(P-2)/ ISO 4017 - M20 X 90 - 8.8 WITH LOCK WASHER-STD.	Nos.	36									
15	3-6	HEXAGON SOCKET COUNTER SUNK HEAD SCREW M8 X 35 IS:6761-STD.	Nos	48									
16	3-7	HEXAGONAL SOCKET SET SCREW ISO:6094 - M10 X 55- A4-21H-STD.	Nos	12									

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17	3-8	HEXAGONAL SOCKET SET SCREW IS:6094 - M10 X 40 - A4-21H-STD.	Nos	12									
18	3-9	HEXAGONAL SOCKET SET SCREW IS:6094 - M10 X 45 - A4-21H-STD.	Nos	12									
19	4-8	CONICAL HEAD GREASE NIPPLE AM10 X 1 IS:4009 (PART-II)-STD.	Nos	24									
20	5-24	HEX. HEAD BOLT IS:1364 (PART-I) ISO:4016 M 16 X 70 - 8.8 WITH HEX. NUT ISO:4032 M16 - 8 & SPRING LOCK WASHER A16 - IS:3063 PHOSPHATE COATED-STD.	NOS.	144									
21	5-26	HEX. HEAD SCREW IS:1364 (PART-II)/ISO:4017 M10 X 35 - 5.6 WITH SPRING LOCK WASHER A10 - IS:3063 PHOSPHATE COATED.-STD.	NOS.	96									
22	5-27	HEX. HEAD BOLT IS:1364 (PART-I) ISO:4016 M16 X 65 - 8.8 WITH HEX. NUT ISO:4032 M16 - 8 & SPRING LOCK WASHER A 16 - IS:3063 PHOSPHATE COATED.-STD.	NOS.	168									
23	6-4	HEX. HEAD BOLT M20 X 140LONG 8.8 IS:1364 (PART-1) WITH NUT,LOCK NUT & SPRING WASHER-STD.	NOS.	48									
24	6-7	HEX. HEAD BOLT M12 X 160 LONG 8.8 IS:1364 (PART-1) WITH NUT,LOCK NUT & SPRING WASHER-STD.	NOS.	48									
25	7-13	HEX. HEAD BOLT IS:1364 (PART-1) M20 X 80N - 8.8 WITH TWO NOS.OF TAPPERED WASHER-STD.	NOS.	36									
26	7-15	HEX. HEAD BOLT IS:1364 (PART-1) M10 X 90N - 8.8 WITH NUT & WASHER-STD.	NOS.	24									

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27	7-16	HEX. HEAD BOLT IS:1364 (PART-1) M10 X 90N - 8.8 WITH LOCK NUT & WASHER-STD.	NOS.	24									
28	7-17	HEX. HEAD BOLT IS:1364 (PART-1) M16 X 120N - 8.8 WITH LOCK NUT & WASHER - STD.	NOS.	24									
29	11-7	SPLIT PIN 8 X 100 - IS:549-STD.	NOS.	12									
30	11-13	M45 LOCK NUT (2LHT& 2RHT)-STD.	NOS.	24									
<b>UNDER SLUIICE GATE (9000mm X 4500mm)</b>													
31	2-4,2-6,2-10,2-14,2-15 & 2-22	M16 Nut & A18 washer-STD.	Nos	1104									
32	3-17	SPLIT PIN Ø8 X 90 OF IS:549 -S.S	NOS.	4									
33	3-18	HEX. HEAD SCREW IS:1364(PART-2) M20 X 70N-8.8 WITH LOCKNUT & WASHER-STD.	NOS.	24									
34	5-3	HEX. BOLT M16 X 60N IS:1364 - STAINLESS STEEL WITH PUNCHED WASHER A - 18 IS:2016	NOS.	192									
35	5-6	COUNTERSUNK SCREW M12 X 70N IS:1365 - STAINLESS STEEL WITH PUNCHED WASHER A - 14 IS:2016	NOS.	180									
36	6-3	HEX.SCREW M16 X 35 IS:1364 (PART-II) - 5.6 WITH WASHER-STD.	NOS.	72									
37	6-4	COUNTER SUNK SCREW M12 X 30 IS:1365 - S.S	NOS.	192									
38	6-5	CONICAL HEAD GREASE NIPPLE AM 10 X 1 IS:4009 (PART-II)-STD.	NOS.	8									
39	6-7	HEX. SCREW IS:1364 (PART-II) M10 X 35 - 10.9 WITH WASHER-STD.	NOS.	32									
40	6-8	HEX. SCREW IS:1364 (PART-II) M6 X 20 S - 8.8 WITH WASHER-STD.	NOS.	48									

Signature of the tenderer or his/their  
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41	7-13	HEX HEAD SCREW IS:1364 (PART-II) M12 X 25 - 5.6 WITH WASHER-STD.	NOS.	32										
<b>22T ROPE DRUM HOIST TO OPERATE UNDER SLUICE GATE (9000mm X 4500mm)</b>														
42	2-4	C.S.SCREW M8 X 30 IS:1365 - 4.8-STD.	Nos.	16										
43	2-5	HEXAGONAL HEAD BOLT IS:1364 (PART-I) M24 X 120 - 8.8 WITH PUNCHED WASHER-STD.	Nos.	24										
44	2-6	HEX. HEAD SCREW - IS:1364(P-2)/ ISO 4017 - M20 X 90 - 8.8 WITH LOCK WASHER-STD.	Nos.	12										
45	3-6	C.S.SCREW M8 X 30 IS:1365 - 4.8-STD.	Nos.	16										
46	3-7	HEXAGONAL SOCKET SET SCREW ISO:4026 - M10 X 45 - A4-21H-STD.	Nos	4										
47	3-8	HEXAGONAL SOCKET SET SCREW ISO:4026 - M10 X 30 - A4-21H-STD.	Nos	4										
48	3-9	HEXAGONAL SOCKET SET SCREW ISO:4026 - M10 X 50 - A4-21H-STD.	Nos	4										
49	4-6	CONICAL HEAD GREASE NIPPLE AM10 X 1 IS:4009 (PART-II)-STD.	Nos	8										
50	5-24	HEX. HEAD BOLT IS:1364 (PART-I) ISO:4016 M 16 X 70 - 8.8 WITH HEX. NUT ISO:4032 M16 - 8 & SPRING LOCK WASHER A16 - IS:3063 PHOSPHATE COATED-STD.	NOS.	48										
51	5-26	HEX. HEAD SCREW IS:1364 (PART-II)/ISO:4017 M10 X 35 - 5.6 WITH SPRING LOCK WASHER A10 - IS:3063 PHOSPHATE COATED.-STD.	NOS.	32										
52	5-27	HEX. HEAD BOLT IS:1364 (PART-I) ISO:4016 M16 X 65 - 8.8 WITH HEX. NUT ISO:4032 M16 - 8 & SPRING LOCK WASHER A 16 - IS:3063 PHOSPHATE COATED.-STD.	NOS.	60										

Signature of the tenderer or his/their  
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OCC Ltd, Central Workshop,  
Rasulgarh, Bhubaneswar-751010.

53	6-7	HEX. HEAD BOLT M16 X 200 -8.8 IS:1364 (PART-1) ISO 4016 WITH NUT & SPRING WASHER-STD.	NOS.	16										
54	6-8	HEX. HEAD BOLT M24 X 190 - 8.8 IS:1364 (PART-1) ISO 4016 WITH NUT & SPRING WASHER-STD.	NOS.	16										
55	7-19	HEX. HEAD BOLT IS:1364 (PART-1) M20 X 100 - 8.8 WITH NUT. LOCK NUT & WASHER-STD.	NOS.	8										
56	7-20	HEX. HEAD BOLT IS:1364 (PART-1) M12 X 80 - 8.8 WITH NUT, LOCK NUT & WASHER-STD.	NOS.	12										
57	7-21	HEX. HEAD BOLT IS:1364 (PART-1) M12 X 80 - 8.8 WITH NUT, LOCK NUT & WASHER-STD.	NOS.	8										
58	7-22	HEX. HEAD BOLT IS:1364 (PART-1) M20 X 80 - 8.8 WITH NUT & TAPERED WASHER (TWO NOS.)-STD.	NOS.	12										
59	8-11	M6 X 20LG HEX HEAD SCREW-IS:1367	NOS.	2										
60	8-13	M10 X 60 LG HEX BOLTS WITH NUT & WASHER-CL 4.6 IS:1367	NOS.	4										
61	8-14	M10 X 50 LG HEX BOLTS WITH NUT & WASHER-CL 4.6 IS:1367	NOS.	8										
62	8-15	M10 X 20 LG HEX SCREW-CL 4.6 IS:1367	NOS.	4										
63	9-16	HEX.BOLT M6 X 80N IS:1364-S-4.6-STD.	NOS.	8										
64	9-17	SPLIT PIN M3.2 X 20 IS:549-STD.	NOS.	10										
65	9-25	HEX. BOLT M6 X 60 OF IS:1363 WITH DOUBLE NUT & WASHER-STD.	NOS.	2										
66	10-18	HEX.BOLT M12 X 70 OF IS:1363 WITH NUT & WASHER-STD.	NOS.	12										

Signature of the tenderer or his/their  
Power of attorney holder  
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67	11-7	SPLIT PIN 8 X 100 - IS:549-STD.	NOS.	12									
68	11-12	M50 X 3 LOCK NUT (2LHT.2RHT)-STD.	NOS.	8									
<b>STOPLOG FOR BARRAGE BAY &amp; UNDER SLUICE GATE</b>													
69	2-5,2-7, 2-12,2-17, 2-18 & 2-19	M16 Nut & A18 Washer STD	Nos.	848									
70	2-5,2-7, 2-12,2-17, 2-18 & 2-19	M16 Nut & A18 Washer - STD	Nos.	2256									
71	3-20	COUNTER SUNK SCREW M16 X 45 IS: 1365-STD.	Nos.	120									
72	3-33	HEX. BOLT M20 X 70NL OF IS:1364-S-8.8 WITH WASHER-STD.	Nos.	80									
73	3-36	HEX.SCREW IS:1363(PART-II) M16 X 30-4.8 WITH WASHER-STD.	Nos.	20									
74	4-3	COUNTERSUNK SCREW M12 X 70N IS:1365-S.S.WITH WASHER	Nos.	50									
75	4-6	HEX.BOLT M12 X 60N - IS:1363-S.S. WITH WASHER	Nos.	450									
76	4-10	HEX. BOLT M16 X 50N-IS:1363-S- 4.8 WITH WASHER-STD.	Nos.	120									
77	4-11	COUNTERSUNK SCREW M12 X 80N IS:1365 S.S.WITH WASHER	Nos.	40									
<b>LIFTING BEAM FOR STOPLOG OF BARRAGE BAY AND UNDER SLUICE GATES</b>													
78	2-14	HEX. SCREW M10 X 20 IS:1363-STD.	Nos.	8									
79	2-15	GRUB SCREW CM6 X 20 IS:2388 - 6.6-STD.	Nos.	24									

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80	2-16	CONICAL HEAD GREASE NIPPLE AM 10 X 1 IS:4009-STD.	Nos.	4									
81	2-17	HEX. BOLT M16 X 70N IS:1363 WITH WASHER-STD.	Nos.	16									
82	3-5	HEX.SCREW M 12 X 35 IS:1363 WITH WASHER-STD.	Nos.	4									
83	3-6	CONICAL HEAD GREASE NIPPLE AM 10 X 1 IS:4009 (PART-II)-STD.	Nos.	3									
84	3-7	GRUB SCREW CM 6 X 20 IS:6094-10.9-STD.	Nos.	16									
85	3-14	GRUB SCREW CM 6 X 16 IS: 6094 - 10.9-STD.	Nos.	6									
86	3-16	CIRCLIP - A40 X 1.75 IS:3075-STD.	Nos.	2									
87	3-17	MACHINED WASHER 31 IS:2016-STD.	Nos.	1									
88	3-18	HEXAGON NUT IS:1363 (PART -3) M30-5 - STD.	Nos.	1									
89	3-25	SPLIT PIN Ø6.3 X 40 IS:549-STD.	Nos.	4									
90	3-33	SPLIT PIN Ø8 X 56 IS:549-STD.	Nos.	2									
91	3-50	HEX.SCREW M 12 X 25 OF IS:1363 WITH WASHER-STD.	Nos.	10									

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