



ODISHA POWER GENERATION CORPORATION LIMITED
IB THERMAL POWER STATION UNIT # 3&4
At/PO: BANHARPALI, DIST: JHARSUGUDA – 768 234 (ODISHA)
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NOTICE INVITING TENDER

NIT No. ITPS/Pur./22-23/37 (P)

Date: 11/12/2022

Separate Sealed bids (Two Part) in the prescribed format are invited from bona fide and financially sound reputed Agencies/ Registered Firms/Companies for supply of following materials at 2X660 MW IB Thermal Power Station, Banaharpali.

SLN	Scope of Work	Tender Cost inclusive of GST (In ₹)	EMD (In ₹)	Sale of Tender document	Date of receipt & submission /Opening of technical Bid
1	Procurement of Idlers, CHP,ITPS(Two Part)	2,000.00	2,10,000.00	11/12/2022 to 25/12/2022(Hard copy only)	Up to 3:00 PM on 26/12/2022 3:30 PM onwards on 26/12/2022

NB:

- Bidders having the requisite qualifying requirements specified in the bid document shall only be considered for the work.**
- Further please note to submit your offer considering GST provision and its related input tax credit benefits to be passed on to OPGC.**
- e-Reverse Auction (E-RA) shall be conducted for the above procurement. The Transaction Fees for e-Reverse Auction shall be deposited to the account of MSTC Limited directly.**

Cost of bid document (non-refundable) shall be paid by Demand Draft in favor of OPGC Ltd. drawn on State Bank of India (Code-9510)/ Union Bank of India (Code-UBIN0806625)/ Central Bank of India (Code-283899) payable at ITPS, Banharpali. Cost of bid document shall have to be submitted along with the bid and the DD towards the tender cost (separate from EMD) should be prepared on or before the last date of sale of tender, otherwise the bid shall be liable for rejection. In case of any discrepancy found between tender document submitted by the agency and the master copy in our office, the latter should prevail. No claim on this account shall be entertained. Complete and signed sealed bids in hard copy form only shall be received at Contract Cell, ITPS. Bids shall be opened at Contract Cell, ITPS in the presence of the bidders or their authorized representatives, if present at the time of opening. If the last date of issue/ receipt/ opening happens to be a HOLIDAY/office closed, the tender will be issued/ received/ opened at the respective time on the next working day. The photocopies of all the supporting documents required for participating in the tender mentioned in NIT/Tender paper shall be submitted along with the bid; otherwise, the bid is liable for rejection. Bids without EMD will be rejected outright.

Bids received after stipulated date & time shall not be entertained. OPGC shall not take any liability on

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account of any postal/courier delay. OPGC reserves the right to accept/ reject any or all tenders, seek additional clarifications, split up the scope among eligible bidders or cancel the tender altogether without assigning any reasons thereof.

N.B:

For further details & downloading of Tender documents, please visit our web site www.opgc.co.in.

Important:Agenda/Corrigenda/ Extensions, if any, will be notified on the OPGC website only and will not be published in any other media. Bidders are requested to visit our website regularly for any amendment of the present bid till finalization of bidding process.

Sd/- GM- Purchase

SAFE & CLEAN POWER IS OUR COMMITMENT



INFORMATION TO BIDDERS

ODISHA POWER GENERATION CORPORATION LIMITED (“OPGC” OR “OWNER”) AN ISO 14001 & OHSAS ORGANIZATION AND COMMITTED TO THE SAFETY HEALTH ENVIRONMENT INCORPORATED UNDER THE COMPANIES ACT 1956, INDIA. OPGC STARTED AS A WHOLLY OWNED COMPANY OF THE GOVERNMENT OF ODISHA (THE “GOO”) WITH THE OBJECTIVE OF ESTABLISHING, OPERATING & MAINTAINING LARGE THERMAL POWER GENERATING STATIONS. IN THE PURSUIT OF ITS OBJECTIVE, OPGC ESTABLISHED IB THERMAL POWER STATION (“ITPS”) WITH TWO UNITS OF 210 MW EACH IN THE IB VALLEY AREA OF JHARSUGUDA DISTRICT IN THE STATE OF ODISHA (UNITS 1 & 2)-PHASE-I. THE POWER PLANT COMMENCED THE COMMERCIAL OPERATION IN 1996. THE ENTIRE GENERATION FROM THESE UNITS IS CONTRACTED TO GRIDCO, THE STATE OWNED COMPANY, ON THE BASIS OF A LONG-TERM POWER PURCHASE AGREEMENT. AS PART OF ITS CAPACITY ADDITION PROGRAM, OPGC ESTABLISHED TWO ADDITIONAL UNITS OF 2X660 MW, BASED ON SUPERCRITICAL TECHNOLOGY, ADJACENT TO THE EXISTING POWER STATION AT THE SAME LOCATION. THE PLANT SITE IS ABOUT 17 KMS. FROM BELPAHAR RAILWAY STATION AND 40 KMS. FROM JHARSUGUDA RLY. STATION ON S.E. RLY. ON THE MUMBAI-HOWRAH MAIN LINE.

- 1.0 THE BIDS COMPLETE IN ALL RESPECT MUST BE SUBMITTED IN A SEALED ENVELOPE SUPER SCRIBED WITH TENDER ENQUIRY NUMBER, NAME OF THE WORK AND DUE DATE OF OPENING. THE BID DOCUMENTS ARE NOT TRANSFERABLE. THE BIDDER MUST SUBMIT THE FOLLOWING ALONG WITH THE BID:
 - a) EMD OF REQUISITE AMOUNT AS PER NIT SHALL BE PUT IN A SEALED ENVELOPE SEPARATELY. BID WITHOUT EMD WILL BE REJECTED OUTRIGHT.
 - b) PHOTOCOPIES OF REGISTRATION CERTIFICATE, INCOME TAX PAN AND GSTN.
 - c) BID DOCUMENTS DULY SIGNED & STAMPED IN ALL PAGES AS A TOKEN OF ACCEPTANCE.
- 2.0 ORIGINAL PRICE BID DULY FILLED IN, SIGNED & STAMPED ON EACH PAGE SHALL BE SUBMITTED. ANY PRICE BREAKUP (IF REQUIRED) MUST BE SUBMITTED SEPARATELY. THE RATES OFFERED BY THE BIDDER SHALL BE CLEARLY WRITTEN IN ENGLISH (CLEARLY HAND WRITTEN OR TYPED) BOTH IN WORDS AND FIGURES AND SHALL BE FREE FROM ANY ABERRATIONS, DELETIONS, CORRECTIONS AND OVERWRITING. IN CASE OF ANY ILLEGIBILITY OF THE OFFER SUBMITTED BY BIDDER THE INTERPRETATION BY OPGC SHALL BE FINAL AND BINDING ON THE BIDDER. INSERTION, POSTSCRIPT, ADDITION AND ALTERATION SHALL NOT BE ACCEPTED AFTER SUBMISSION OF THE BID.
- 3.0 NOTE: TENDERS SUBMITTED WITHOUT THE ABOVE REQUIREMENTS SHALL BE LIABLE FOR REJECTION.
- 4.0 BIDDERS ARE ADVISED TO SUBMIT THE TENDER BASED STRICTLY ON THE TERMS AND CONDITIONS AND SPECIFICATIONS CONTAINED IN THE TENDER DOCUMENTS AND NOT STIPULATE ANY DEVIATIONS IN NORMAL CASE.

- 5.0 OPGC WILL AWARD THE CONTRACT TO THE SUCCESSFUL BIDDER WHOSE BID HAS BEEN FOUND THE EVALUATED LOWEST I.E. ON L-1 BASIS.
- 6.0 OPGC RESERVES THE RIGHT TO EVALUATE THE QUOTATION ON SUCH DEVIATIONS HAVING FINANCIAL IMPLICATIONS BY ADDING THE COST DETERMINED BY OPGC.
- 7.0 WHEREVER IT IS MENTIONED IN THE SPECIFICATION THAT THE CONTRACTOR SHALL PERFORM CERTAIN WORK OR PROVIDE CERTAIN FACILITIES, IT IS UNDERSTOOD THAT THE CONTRACTOR SHALL DO SO AT HIS COST.
- 8.0 BEFORE QUOTING THE RATES THE BIDDER SHOULD GO THROUGH THE SPECIFICATIONS, SCOPE OF WORK, AND SPECIAL CONDITION OF CONTRACTS ETC. AND GET HIMSELF FULLY CONVERSANT WITH THEM.
- 9.0 THE DETAILS OF ITEMS IN THE PRICE SCHEDULE SHALL BE READ IN CONJUNCTION WITH THE CORRESPONDING TECHNICAL SPECIFICATIONS. ITEMS OF WORK PROVIDED IN THE PRICE SCHEDULE BUT NOT COVERED IN THE TECHNICAL SPECIFICATIONS SHALL BE EXECUTED STRICTLY AS PER INSTRUCTIONS OF ENGINEER IN CHARGE.
- 10.0 THE BIDDERS SHALL QUOTE RATES INCLUSIVE OF THE COMPLETE COST TOWARDS CONSUMABLES, TOOLS AND TACKLES, EQUIPMENTS, LABOUR, LEVIES, TAXES AND DUTIES IF ANY, ALL SAFETY PPE'S AS PER OPGC NORMS TO ALL WORKMEN, RECTIFICATION, MAINTENANCE TILL HANDING OVER, SUPERVISION OVERHEADS, PROFITS AND ALL INCIDENTAL CHARGES NOT SPECIFICALLY MENTIONED BUT REASONABLY IMPLIED AND NECESSARY TO COMPLETE THE WORK ACCORDING TO CONTRACT.
- 11.0 OPGC RESERVES THE RIGHTS OF ACCEPTING THE WHOLE OR ANY PART OF THE TENDER AND BIDDER SHALL BE BOUND TO PERFORM THE SAME AT THEIR QUOTED RATES.

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Note:

- Item wise HSN Code with GST rate applicable to be indicated in the offer
- Further please note to submit your offer considering GST provision and its related input tax credit benefits to be passed on to OPGC
- Dealer/ Distributor/Channel Partner should enclose valid authorization certificate from principal manufacturer.
- Vendors are requested to kindly furnish your PAN, GST No.
- Tender Specification/Make for Supply of aforementioned items shall be as per the tender specification & BOQ.
- Bidders has to follow the general instruction while submitting the price bid.
- Bank Mandate form to be submitted to make your payment through RTGS/NET.
- Vendors are requested to send their **Sealed & Secured Bid (Two Part)** subscribing the tender number, date and due date on the envelope. Mail offer may not consider at the time of price opening.
- The Tender shall be accompanied by Earnest Money Deposit (EMD) as stipulated in NIT. The Earnest Money offered shall be in shape of Demand Draft/Pay Order/Bank Guarantee (BG as per attached format & shall be valid for 06 months) in favor of ODISHA Power Generation Corporation Ltd. drawn on State Bank of India (Code-9510)/ Union Bank of India (Code-UBIN0806625)/ Central Bank of India (Code-283899).
- All Micro & Small Enterprises (MSEs) who are registered with DIC/KVIC/KVIB/Coir Board/NSIC/DHH/ UdyogAadhar Memorandum are eligible to get the benefit of exemption from payment of EMD & Tender cost and to get the exemption, the participating bidders have to obtain/register as MSME for the specific service/supply of goods/both.

- To get the exemption of EMDs & Tender Fee, the party has to make an application to the head of Supply Chain Management (SCM) who is conducting tendering process along with proof of documents regarding eligibility of the exemption at least 2 days before the last day of bid submission. The HOD after due examination will allow to participate without submission of EMD&Tender Fee & the same has to be communicated to bidder in writing.
- The Earnest Money of all unsuccessful Bidders will be returned within thirty (30) days after the award of the Contract.
- Any Tender not accompanied with Earnest Money in accordance with aforesaid provisions shall be rejected by the Owner as non-responsive Bid.
- No interest will be payable by the Owner on the said amount covered under Earnest Money/ other Security Deposits.
- On finalization of Tender, Earnest Money deposited in form of DD of successful Bidder will be treated as part of the initial security at the option of the said Contractor or shall be returned to the successful bidder at his option.
- A Bidder shall submit the Tender which satisfies each and every condition laid down in this notice and other tender documents, failing which the Tender will be liable to be rejected.
- The Odisha Power Generation Corporation Ltd. do not bind themselves to accept the lowest or any tender or to give any reasons for their decision. The Owner reserves the right to allow the Public Sector Undertakings price preference facilities as admissible under existing Govt. policy. The prospective Bidders may apprise themselves of the relevant Govt. notification in this regard before submission of their bid. The Odisha Power Generation Corporation Ltd. reserves the right of accepting the whole or any part of the Tender or split the total scope of work among eligible Bidders and Bidder(s) shall be bound to perform the same at his/their quoted rates.
- OPGC reserves the right to accept/ reject any or all tenders, split up the scope among eligible bidders or cancel the tender altogether without assigning any reason thereof.
- Bidder has to submit the price bid as per the price bid format.
- Bid documents duly signed & stamped in all pages as a token of acceptance.
- Original price bid duly filled in, signed & stamped on each page shall be submitted. Any price breakup (if required) must be submitted separately. The rates offered by the bidder shall be clearly written in English (clearly hand written or typed) both in words and figures and shall be free from any aberrations, deletions, and corrections and overwriting. In case of any illegibility of the offer submitted by bidder the interpretation by OPGC shall be final and binding on the bidder. Insertion, postscript, addition and alteration shall not be accepted after submission of the bid.
- Bidders are advised to submit the tender based strictly on the terms and conditions and specifications contained in the tender documents and not stipulate any deviations in normal case.
- Vendors are requested to submit their seal offers at our office by sending through **COURIER/ SPEED POST/REGISTER POST/By Person.**
- OPGC will award the contract to the successful bidder whose bid (offered/evaluated) has been found the lowest i.e., on L-1 basis.
- OPGC reserves the right to evaluate the quotation on such deviations having financial implications by adding the cost determined by OPGC.
- Wherever it is mentioned in the specification that the contractor shall perform certain work or provide certain facilities, it is understood that the contractor shall do so at his own cost.

- Before quoting the rates the Bidder should go through the specifications, scope of work, special condition of contracts etc. and get himself fully conversant with them.
- The details of items in the price schedule shall be read in conjunction with the corresponding technical specifications. Items of work provided in the price schedule but not covered in the technical specifications shall be executed strictly as per instructions of Engineer in charge.
- Rate will be valid for the 1 year from date of award of contract. Extension/Repeat order can be placed as per requirement of the OPGC for a period of 6 months for supply.
- Delivery: Material shall be required **within 60 days** on F.O.R. site Basis from the date of placement of purchase order on successful bidder.
- OPGC reserves the rights of accepting the whole or any part of the tender and bidder shall be bound to perform the same at their quoted rates.

Note:Tenders submitted without the above requirements shall be liable for rejection.

PRICE OFFERED SHOULD BE FOR DESTINATION (OUR SITE) INCLUDING FREIGHT CHARGE, IB THERMAL POWER STATION, P & F, INSURANCE EXCEPT GST WHICH IS TO BE EXTRA ARE TO BE INDICATED IN TERMS OF PERCENTAGE OF BASIC PRICE OR WILL BE LOADED MAXIMUM WHILE COMPARING. 100% PAYMENT WITHIN 30 DAYS OF RECEIPT & ACCEPTANCE OF MATERIALS. OFFER MAY NOT CONSIDER WITHOUT EMD. PLEASE ENCLOSE PRODUCT CATALOGUE & COMPANY PRICE LIST, OFFER WILL REMAIN VALID FOR A PERIOD OF 180 DAYS FROM THE DATE OF TENDER OPENING. TDS @20% SHOULD BE DEDUCTED FROM YOUR BILL IN CASE OF NON-SUBMISSION OF PAN DETAILS.

BIDS RECEIVED AFTER STIPULATED DATE & TIME SHALL NOT BE ENTERTAINED. OPGC SHALL NOT TAKE ANY LIABILITY ON ACCOUNT OF ANY POSTAL/COURIER DELAY. OPGC RESERVES THE RIGHT TO ACCEPT / REJECT ANY OR ALL TENDERS, SEEK ADDITIONAL CLARIFICATIONS, SPLIT UP THE SCOPE AMONG ELIGIBLE BIDDERS OR CANCEL THE TENDER ALTOGETHER WITHOUT ASSIGNING ANY REASONS THEREOF.

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GENERAL INSTRUCTIONS

- 1.0 EACH QUOTATION SHOULD BE SENT IN PROPERLY SEALED ENVELOPE ADDRESSED TO THE GM (PROCUREMENT DEPT.)- UNIT 3&4, IB THERMAL POWER STATION, BANHARPALI, DIST. JHARSUGUDA, PIN: 768234. THE ENVELOPE SHOULD BEAR THE TENDERER'S DISTINCT RUBBER STAMP. TENDER NO. _____ DUE ON DT. _____ SHOULD INVARIABLY BE GIVEN ON THE COVER.
- 2.0 IN CASE OF ITEMS OF SPECIFIC MAKE, ONLY MANUFACTURERS AND THEIR ACCREDITED AGENTS/STOCKIEST/AUTHORIZED DEALERS ARE ENTITLED TO QUOTE. FOR THIS THEY SHOULD SUBMIT AN ATTESTED COPY OF THE PRINTED PRICE LIST ALONG WITH TENDER.
- 3.0 THE TENDERS SUBMITTED MUST BE FREE FROM OVER WRITINGS OR EROSIONS. CORRECTIONS & ADDITIONS IF ANY MUST BE ATTESTED. INCOMPLETE TENDER SHOULD NOT BE SUBMITTED. TENDERS RECEIVED AFTER DUE DATE OF OPENING WILL NOT BE ENTERTAINED.
- 4.0 THE REQUIRED EMD IN SHAPE OF DD DRAWN IN FAVOUR OF "ODISSA POWER GENERATION CORPORATION LIMITED" PAYABLE AT SBI, IB THERMAL POWER STATION, BANHARPALI, CODE NO.9510, / CENTRAL BANK OF INDIA, BELPAHAR (CODE-3899)/ UNION BANK OF INDIA, ADHAPADA (CODE-UBIN0806625) SHOULD INVARIABLY BE ENCLOSED WITH THE TENDER.
- 5.0 NO INTEREST WILL BE PAYABLE BY THE OWNER ON THE SAID AMOUNT COVERED UNDER EARNEST MONEY/ OTHER SECURITY DEPOSITS.
- 6.0 THE OFFER GIVEN MUST REMAIN VALID FOR A PERIOD OF 180 DAYS FROM THE DATE OF OPENING OF BID.
- 7.0 RATE WILL BE VALID FOR 1 YEAR FROM DATE OF AWARD OF CONTRACT.
- 8.0 MANUALS/PAMPHLETS/LEAFLETS AND DRAWINGS ILLUSTRATING TECHNICAL DETAILS/YEAR OF MANUFACTURE, MAKERS NAME AND COUNTRY OF ORIGIN MUST BE ENCLOSED WITH THE TENDER, SAMPLE IF REQUIRED SHOULD BE SUBMITTED ALONG WITH TENDER. OPGC WILL NOT PROVIDE ANY DRAWING TO THE BIDDER.
- 9.0 THE PRICE QUOTED SHOULD BE FIRM AND DELIVERY F.O.R. DESTINATION INCLUSIVE OF PACKING, FORWARDING, TRANSPORTATION AND INSURANCE CHARGES EXCEPT GST WHICH IS TO BE EXTRA AS ACTUAL.
- 10.0 ACTUAL/PERCENTAGE OF SALES TAX/EXCISE DUTY LEVIABLE AND DECLARED TO BE CHARGED SHOULD BE DISTINCTLY SHOWN ALONG WITH PRICE QUOTED. WHERE IT IS NOT MENTIONED CLAIMS FOR PAYMENT OF SALES TAX AND EXCISE DUTY SHALL NOT BE ENTERTAINED ON ANY GROUND. SALES TAX REGISTRATION NUMBER MUST BE INDICATED INVARIABLY.
- 11.0 THE TENDERER SHOULD BE ABLE TO COMPLETE DELIVERY **WITHIN 60DAYS** FROM THE DATE OF RECEIPT OF PURCHASE ORDER.
- 12.0 THE TENDERER SHOULD BE AGREEABLY TO OUR PAYMENT TERMS I.E 100% WITHIN 30 DAYS OF RECEIPT AND VERIFICATION OF MATERIALS AT OUR SITE.
- 13.0 QUALITY OF MATERIALS TO BE SUPPLIED SHOULD BE BRAND NEW, FREE FROM ALL FLAWS, GOOD FINISH AND SHOULD BE AS PER TECHNICAL SPECIFICATION AND RELEVANT TO IS SPECIFICATION.
- 14.0 THE TENDER MUST ACCOMPANY PHOTO COPY OF LATEST & VALID INCOME TAX CLEARANCE CERTIFICATE & GST CERTIFICATE WITHOUT WHICH TENDER WILL BE REJECTED.
- 15.0 DESTINATION MEANS CENTRAL STORES, IB THERMAL POWER STATION, AND BANHARPALI.
- 16.0 WHENEVER TENDERERS HAVE ENTERED INTO RATE CONTRACT WITH DGS&D OR EPM, THE WILL INDICATE THE SAME IN THEIR TENDERS AND SUBMIT A COPY OF RATE CONTRACT AS A PROOF OF CLAIM.

- 17.0 THE QUANTITY INDICATED IN THIS ENQUIRY IS PROVISIONAL AND SUBJECT TO CHANGE AS PER PLANT REQUIREMENT, WHICH MAY INCREASE OR DECREASE DURING THE CONTRACT PERIOD. OPGC HAS NO OBLIGATION TO RECEIVE THE FULL ORDERED QUANTITY.
- 18.0 SUPPLIER HAVING PAST EXPERIENCE OF SUPPLYING SIMILAR ITEMS TO OTHER THERMAL POWER STATIONS MAY SUBMIT A PHOTO COPY OF THE P.O. ALONG WITH THE QUOTATION.
- 19.0 WARRANTY WILL BE MINIMUM OF 12 MONTHS FROM DATE OF DISPATCH. WARRANTY & TEST CERTIFICATE HAS TO BE PROVIDED ALONG WITH MATERIAL.
- 20.0 THE UNDERSIGNED RESERVES THE RIGHT TO ACCEPT/REJECT ANY OR ALL THE TENDER WITHOUT ASSIGNING ANY REASON THEREOF.
- 21.0 PENALTY FOR DELAY IN DELIVERY: - THE VENDOR IS LIABLE TO PAY PENALTY AT THE RATE OF 0.5 % OF THE COST OF UNDELIVERED MATERIALS PER WEEK OR PART THEREOF SUBJECT TO MAXIMUM 05 % OF THE COST OF UNDELIVERED MATERIALS. IF DELAY IS BEYOND 10 WEEKS OR LESS DEPENDING UPON THE REQUIREMENT, THE BUYER RESERVE THE RIGHT TO CANCEL THE P.O. AND COLLECT THE MATERIALS FROM ANY OTHER SOURCE AT THE RISK OF ORIGINAL SUPPLIER WITHOUT MAKING ANY REFERENCE TO HIM. THE ADDITIONAL FINANCIAL INVOLVEMENT OCCURS IF ANY FROM PROCURING OTHER SOURCE SHALL BE RECOVERED FROM YOU.

22.0 COMMERCIAL EVALUATION:

a) PREPARATION OF COMPARATIVE STATEMENT

VENDOR SHOULD NOTE FOLLOWING LOADING FACTORS TO BE USED BY OPGC DURING EVALUATION PROCESS IN CASE THE SAME HAS NOT BEEN CONSIDERD DURING OFFER SUBMISSION:

P&F CHARGES	2%
FREIGHT LESS THAN 300 KMS	3%
300 KMS. TO 500 KMS.	4%
500 KMS. TO 1000 KMS.	5%
ABOVE 1000 KMS.	6%
INSURANCE	0.086%

NOTE: PERCENTAGE LOADING WILL BE LIMITED TO FULL TRUCK/TRAILER LOAD RATE FOR EACH TRUCK LOAD).

b) PAYMENT TERMS LOADING

1.5% PER MONTH (WHEREVER PARTIES HAVE QUOTED 100% THROUGH BANK/ADVANCE AGAINST OUR STANDARD AND PAYMENT TERMS OF BID DOCUMENTS).

IN CASE OF PAYMENT THROUGH BANK LOADING FOR A PERIOD 30 DAYS AND IN CASE OF ADVANCE PAYMENT ALONG WITH P.O. THE LOADING FOR THE PERIOD OF DELIVERY PERIOD PLUS 30 DAYS, MAY BE TAKEN. IN CASE OF 90% THROUGH BANK & BALANCE 10% WITHIN 30 DAYS AFTER RECEIPT AND ACCEPTANCE OF MATERIALS.

LOADING FACTOR WILL BE $1.5 \times 0.9 = 1.35\%$. ACCORDINGLY FOR OTHER PAYMENT TERMS LOADING FACTORS WILL BE CALCULATED.

c) DELIVERY TERM LOADING

IF THE DELIVERY PERIOD REQUIRED AS PER BID REQUIREMENT IS DEVIATED THE LOADING SHALL BE DONE @0.5% PER WEEK OR PART THEREOF FOR THE PERIOD OVER AND ABOVE THE STIPULATED DELIVERY PERIOD.

23.0 LOADING PROCEDURES:

BASIC PRICE

PACKING & FORWARDING CHARGES (ON BASIC PRICE ONLY)

FREIGHT ON (BASIC + P&F)

INSURANCE ON (BASIC + P&F + FREIGHT)
GST (BASIC + P&F + FREIGHT+INSURANCE)
PAYMENT TERMS LOADING ON (BASIC + P&F + FREIGHT+GST)
DELIVERY TERM LOADING ON (BASIC + P&F + FREIGHT+GST)

- 24.0 WEIGHT/LENGTH VARIATION:IN CASE THE PAYMENT IS DONE ON WEIGHING THE CONSIGNMENT AT SITE, ALLOWABLE TOLERANCE OF +/- 0.25% SHALL BE APPLICABLE. THIS TOLERANCE SHALL BE ALLOWED AS WEIGH BRIDGE TOLERANCE DUE TO WEIGHMENT IN TWO DIFFERENT WEIGH BRIDGE (IF AVAILABLE). FOR ANY VARIATION BEYOND THIS ALLOWABLE TOLERANCE NECESSARY ADJUSTMENT SHALL BE MADE DURING RELEASING PAYMENT BY WAY OF SUBMISSION OF CREDIT NOTE BY THE VENDOR. IF THE WEIGHT VARIATION IS +/- 0.25% FROM THE INVOICED WEIGHT/CHALLAN WEIGHT THE INVOICED WEIGHT WILL BE ACCEPTED FOR THE PURPOSE OF ACCOUNTAL AS WELL AS PAYMENT. IF THERE IS THREE CONTINUOS NEGATIVE TOLERANCE IS FOUND NO MORE TOLERANCE SHALL BE ALLOWED. VENDOR SHALL HAVE TO SUBMIT THE CREDIT AS PER WEIGHMENT BY OPGC.
- 25.0 FORCE MAJEURE: ANY DELAY OR FAILURE TO PERFORM THE CONTRACT BY EITHER PARTY CAUSED BY ACTS OF GOD OR ACTS OF GOVERNMENT OR ANY DIRECTION OR RESTRICTION IMPOSED BY GOVERNMENT OF INDIA WHICH MAY AFFECT THE CONTRACT OR THE PUBLIC ENEMY OR CONTINGENCIES LIKE STRIKES, RIOTS ETC. SHALL NOT BE CONSIDERED AS DEFAULT FOR THE PERFORMANCE OF THE CONTRACT OR GIVE RISE TO ANY CLAIM FOR DAMAGE. WITHIN 7 DAYS OF OCCURRENCE AND CESSATION OF THE EVENT(S), THE OTHER PARTY SHALL BE NOTIFIED. ONLY THOSE EVENTS OF FORCE MAJEURE WHICH IMPEDES THE EXECUTION OF THE CONTRACT AT THE TIME OF ITS OCCURRENCE SHALL BE TAKEN INTO COGNIZANCE.
- 26.0 PATENTS, ROYALTIES, SELLER'S LIABILITY AND COMPLIANCE OF REGULATIONS: VENDOR SHALL PROTECT AND FULLY INDEMNIFY THE PURCHASER FROM ANY CLAIMS FOR INFRINGEMENT OF PATENTS, COPY RIGHT, TRADE MARK OF THE LIKE. SELLER SHALL ALSO PROTECT AND FULLY INDEMNIFY THE PURCHASER FROM ANY CLAIMS FROM SELLERS WORKMAN/EMPLOYEES, THEIR HEIRS, DEPENDENTS, REPRESENTATIVES ETC. OR FROM ANY OTHER PERSON/PERSONS OR BODIES/COMPANIES ETC. FOR ANY ACT OF COMMISSION OR OMISSION WHILE EXECUTING THE ORDER. SELLER SHALL BE RESPONSIBLE FOR COMPLIANCE WITH ALL REQUIREMENTS UNDER THE LAWS AND SHALL PROTECT AND INDEMNIFY COMPLETELY THE PURCHASER FROM ANY CLAIMS/PENALTIES ARISING OUT OF ANY INFRINGEMENT.
- 27.0 SECURITY, BANK GUARANTEE:
- a) SECURTY DEPOSIT: SECURTY DEPOSIT CLAUSE FOR PERFORMANCE OF SUPPLY @5% OF BASIC VALUE IN SHAPE OF DD/BG/DEDUCTED FROM THE BILL. NO INTEREST WILL BE PAYABLE BY THE OWNER ON THE SAID AMOUNT COVERED UNDER EARNEST MONEY/ OTHER SECURITY DEPOSITS. THE EARNEST MONEY DEPOSITED WITH THE TENDER SHALL BE ADJUSTED TOWARDS INITIAL SECURITY DEPOSIT AT THE OPTION OF THE BIDDER. CONTRACTOR SHALL FURNISH THE INITIAL OR TOTAL SECURITY AMOUNT @5% OF BASIC VALUE IN SHAPE OF BG/DD/DEDUCTED FROM THE BILL.
 - b) BANK GUARANTEE (BF) IN THE PRESCRIBED FORMAT FROM ANY NATIONALIZED OR SCHEDULED BANK TO BE SUBMITTED WITHIN THE SPECIFIED TIME PERIOD. IN ALL THE CASES IF TOTAL SECURITY IS NOT DEPOSITED EITHER IN FORM OF DEMAND DRAFT OR BANK GUARANTEE WITHIN 15 DAYS OF ISSUANCE OF LOI/ORDER THE SECURITY AS MENTIONED ABOVE SHALL BE RECOVERED FROM THE RUNNING BILL

OF THE CONTRACTOR. THE BANK GUARANTEE FACILITY SHALL BE EXTENDED TO ONLY COMPANIES OF REPUTE AT THE DISCRETION OF OPGC.

BANK GUARANTEE IN LIEU OF SECURITY DEPOSIT SHALL BE VALID FOR THE ENTIRE CONTRACT PERIOD PLUS ADDITIONAL 03 MONTHS. IN CASE OF ORDER EXTENSION/RENEWAL BANK GUARANTEE TO BE RENEWED ACCORDINGLY.

28.0 LANGUAGE: THE CONTRACT INCLUDING THE PURCHASE ORDER AND ALL SCHEDULES, ANNEXURES (IF ANY) AND RELATED DOCUMENTS AND COMMUNICATIONS AND NOTICES ISSUED PURSUANT TO OR IN CONNECTION WITH ITS PROVISIONS, SHALL BE IN ENGLISH. IN THE EVENT THE CONTRACT, ITS SCHEDULES, ANNEXURES (IF ANY) OR ANY RELATED DOCUMENT IS TRANSLATED INTO OR IS IN ANY OTHER LANGUAGE, THE ENGLISH VERSION THEREOF SHALL TAKE PRECEDENCE AND CONTROL THE INTERPRETATION THEREOF.

PREPARATION OF BID:

The bidder(s) shall submit the bid in two part, namely-

- 1.0 TECHNO-COMMERCIAL UNPRICED BID
- 2.0 COMMERCIAL PRICED BID

PART-I: TECHNO-COMMERCIAL UNPRICED BID

A complete set of original Tender documents as issued to the Bidder duly filled in as prescribed in different clauses of the Tender documents with signature & stamp in all pages as token of unconditional acceptance shall constitute Techno-commercial Unpriced Bid.

The bidders shall enclose the following documents in this bid:

- Crossed demand draft for requisite amount drawn in favor of Odisha Power Generation Corporation Ltd. in the manner prescribed above towards the Earnest Money Deposit (EMD) and Tender Cost without which the tender will be summarily rejected.
- Bidder must clearly specify whether they have quoted or Not Quoted & also indicate the make/brand quoted against each item unpriced bid format enclosed in the tender document.
- Bidder must submit all the supporting documents as mentioned in the Qualification Criteria.
- Acceptance of Reverse Auction as mentioned in the Qualification Criteria.
- GST Certificate copy.
- PAN Certificate copy.
- MSME/NSIC copy of certificate (if applicable).

Note: if required additional sheet may be used to furnish all above information but in the format provided in general condition of contract.

The Techno-Commercial Unpriced Bid with all its enclosures as mentioned should be put in an envelope, sealed & super scribed as "Techno-Commercial Unpriced Bid". This envelope must contain name of the work, NIT No., Due Date of Opening and Name & Address of the Bidder on bottom left-hand corner of the cover.

PART-II: COMMERCIAL PRICED BID

Bidder must submit the Commercial Priced Bid in a different envelope as mentioned in the table (Price Bid Format).

Price Bids of only those bidders will be opened who meet the qualification criteria given below. The Owner shall not entertain any correspondence with any Bidder in relation to the acceptance or rejection of any Price Bid.

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QUALIFICATION CRITERIA

The bidders must meet the following Qualifying Requirements with respect to the below.

The bidders must meet the following Qualifying Requirements with respect to the below.

1. The bidder must be a Manufacturer or their Authorized dealer/ Stockiest of the materials. Authorization certificate/ dealership agreement forwarded by manufacturer etc. shall be submitted as a documentary proof.

AND

2. Bidder must confirm to supply as per technical specification as stipulated in the tender document (Self declaration to be submitted)

AND

3. Party should have inline experience for supply *similar product directly to any industry. Relevant Order copies of last five years to be submitted in order to satisfy the following.

- Three purchase orders for supply of similar product and each purchase order value not less than the amount equal to Rs. 43.0 Lakhs in last five years.

'OR'

- Two purchase orders for supply of similar product and each purchase order value not less than the amount equal to Rs. 53.0 Lakhs in last five years

'OR'

- One purchase orders for supply of similar product and each purchase order value similar product and each purchase order value not less than the amount equal to Rs. 84.0 Lakhs in last five years.

AND

4. Average Annual financial turnover during the last three Financial Years should be at least Rs. 100.00 Lakh or more. Audited Balance Sheet and profit & Loss A/C must be submitted along with the Techno-commercial Bid.

AND

5. Must not have been disqualified/blacklisted in any public/Govt sector during the last 10(Ten) years for the similar nature of job. (Self Certification)

*Similar product means supply of idlers

- Sufficient documentary proof in support of the above must be submitted along with the Techno commercial Bid. Photocopies of supporting documents must be submitted along with Techno commercial Bid. Bidder must submit the Signed and Sealed copy of NIT as acknowledgement of review and acceptance of all the Terms & Condition mentioned in the NIT.
- Acceptance of Reverse Auction: Bidders are to give their acceptance for participating in E-Reverse Auction through M/s. MSTC in addition to the submission of manual Price Bids. E-RA will be held after opening of manual price bids and the lowest among both manual bids and e-RA will be considered further for evaluation. The detailed terms and conditions of the E-Reverse Auction is mentioned in the tender document as "RULES AND REGULATIONS OF THE E-REVERSE AUCTION".

Notwithstanding anything stated above, OPGC reserves the right to assess the capability and capacity of the Bidder to perform the contract, Limit the restriction or accept the bids of reputed

(Branded) manufactures/vendors should the circumstances warrant such an assessment in the overall interest of OPGC.

Note:

- For all qualification criteria all supporting documents to be provided.
- Owner reserves the right to obtain necessary documents and also to assess the qualification of the Bidder, subsequent to submission of bid, as deemed necessary by Owner to establish bidder's qualification.

GM-(Purchase)

PRICE BID FORMAT					
SLN	MATERIAL DETAILS	QTY. (A)	UOM	UNIT Basic PRICE in Rs. (B)	TOTAL AMOUNT in Rs. (A X B)
1	Impact Idler for 1800 mm belt width	50	NO		
2	Carrying Idler for 1800 mm belt width	300	NO		
3	Return Idler for 1800 mm belt width	200	NO		
4	V Return Idler for 1800 mm	100	NO		
5	Bracket for Single roll Return Idler	100	NO		
6	CARRYING ROLLER CARRYING ROLLER FOR CONVEYOR SYSTEM TUBE DIA:165.1mm,Length:600mm,THICKNESS:5.4mm,SPI NDLE Length:633mm.	1,00 0	EA		
7	RETURN ROLLER For CHP Conveyor System. Tube Dia-139.7mm., Tube Length-850mm., Tube Shell Thickness-4.85mm., Spindle Length-883mm., Bearing No.6206 (SKF/FAG/NTN)	600	EA		
8	Non-magnetic carrying idler Non-magnetic carrying Idler (one no. Roller only W/O idler stand), Size- 150mm. dia x 600mm. long (5.4 mm. thick Aluminium tube with stainless steel spindle)	20	EA		
9	IDLER FRAME FLAT RETURN TRAINING	40	NO		
10	Graland Idlers in assembled set Garland Impact Idlers in assembled set (3 roll at 35 degree) for Paddle feeder and travel trippers 3 Roll, 35 Degree troughed, Each roll shall be made of 139.7mm dia, Tube 4.85mm thick. Material: as per IS:9295-1983 (YST-210 MPA) Bearing: Deep groove ball bearing life sealed lubricated. Rubber Ring: Shore Hardness of rubber disc is 60+_5 degree on scale A. OD of ring = 190mm	96	SET		
11	Non Magnetic Idler 1800 mm belt width Non Magnetic Carrying Idler Pipe dia 152.4 mm . Length-670 mm. MOC of pipe-SS-304.	100	NO		

12	Carrying Idler for 1800 mm belt width Machining along the face width required. Tolerance Limit: +-0.5mm over Face Width	50	NO		
Total Basic Price					

Applicable GST %:

HSN Code:

Other commercial conditions if any shall be clearly indicated.

Note: Bidder has to use the above Price Bid Format failing which Bid will be rejected.

Technical Specification

Impact Idler
Tube thickness will be 4.5mm without negative tolerance
Idler tube material ERW as per IS:9295, (YST-210)-1983
Bearing Life 30000 working hours
Bearing size 6207-Z C3 clearance and friction factor max 0.015 as per IS 11592-2000
Idlers should be dust proof, water proof and weather proof. Rain Cap: Nylon-6; Dust Cover/End Cap 0.8mm thk.: IS513, CRCA-DD, Outer Labyrinth: Nylon6, Circlip A-35/Heavy Duty IS:3075; Nylon back seal: Nylon-6
All idlers should be manufactured as per IS: 8598-1987
Shaft material EN-8/C-40/C-45 Bright bar as per BS:970-1983/IS:1570-1979
Total indicator reading (TIR) on idler OD when rotated to check runout as per IS:8598-1987
Sealing-Grease packed and sealed for life lithium base greased to be used.
All idlers should be interchangeable for the same belt width.
Idlers should be provided with multi labyrinth sealing.
Shore hardness of rubber disc is 60+-5 on scale A.
Testing to be done as per IS:8598-1987

Carrying Idler
Tube thickness will be 4.5mm without negative tolerance
Idler tube material ERW as per IS:9295, (YST-210)-1983
Bearing Life 30000 working hours
Bearing size 6206-Z C3 clearance and friction factor max 0.015 as per IS 11592-2000
Bearing Housing made of 3mm(min.) HR EDD sheet as per IS:1079
Idlers should be dust proof, water proof and weather proof. Rain Cap: Nylon-6; Dust Cover/End Cap 0.8mm thk.: IS513, CRCA-DD, Outer Labyrinth: Nylon6, Circlip A-35/Heavy Duty IS:3075; Nylon back seal: Nylon-6
All idlers should be manufactured as per IS: 8598-1987
Shaft material EN-8/C-40/C-45 Bright bar as per BS:970-1983/IS:1570-1979
Total indicator reading (TIR) on idler OD when rotated to check runout as per IS:8598-1987
Sealing-Grease packed and sealed for life lithium base greased to be used.
All idlers should be interchangeable for the same belt width.
Idlers should be provided with multi labyrinth sealing.
Shore hardness of rubber disc is 60+-5 on scale A.
Testing to be done as per IS:8598-1987

Return Idler
Tube thickness will be 4.5mm without negative tolerance
Idler tube material ERW as per IS:9295, (YST-210)-1983
Bearing Life 30000 working hours
Bearing size 6207-Z C3 clearance and friction factor max 0.015 as per IS 11592-2000
Bearing Housing made of 3mm(min.) HR EDD sheet as per IS:1079
Idlers should be dust proof, water proof and weather proof. Rain Cap: Nylon-6; Dust Cover/End Cap 0.8mm thk.: IS513, CRCA-DD, Outer Labyrinth: Nylon6, Circlip A-35/Heavy Duty IS:3075; Nylon back seal: Nylon-6
All idlers should be manufactured as per IS: 8598-1987
Shaft material EN-8/C-40/C-45 Bright bar as per BS:970-1983/IS:1570-1979
Total indicator reading (TIR) on idler OD when rotated to check runout as per IS:8598-1987
Sealing-Grease packed and sealed for life lithium base greased to be used.

All idlers should be interchangeable for the same belt width.
Idlers should be provided with multi labyrinth sealing.
Shore hardness of rubber disc is 60+5 on scale A.
Testing to be done as per IS:8598-1987

V Return Idler
Tube thickness will be 4.5mm without negative tolerance
Idler tube material ERW as per IS:9295, (YST-210)-1983
Bearing Life 30000 working hours
Bearing size 6206-Z C3 clearance and friction factor max 0.015 as per IS 11592-2000
Idlers should be dust proof, water proof and weather proof.
Bearing Housing made of 3mm(min.) HR EDD sheet as per IS:1079
Idlers should be dust proof, water proof and weather proof. Rain Cap: Nylon-6; Dust Cover/End Cap 0.8mm thk.: IS513, CRCA-DD, Outer Labyrinth: Nylon6, Circlip A-35/Heavy Duty IS:3075; Nylon back seal: Nylon-6
Shaft material EN-8/C-40/C-45 Bright bar as per BS:970-1983/IS:1570-1979
Total indicator reading (TIR) on idler OD when rotated to check runout as per IS:8598-1987
Sealing-Grease packed and sealed for life lithium base greased to be used.
All idlers should be interchangeable for the same belt width.
Idlers should be provided with multi labyrinth sealing.
Shore hardness of rubber disc is 60+5 on scale A.
Testing to be done as per IS:8598-1987

IDLER ROLLER - DATA SHEET

Sl. No.	Item Description	Specification
1	Carrying Idlers 165.1 x 600 x 28 as per IS : 8598, 1987, Latest Revision	
1.1	Steel tubes for Idler shell	ERW pipe (confirming to IS: 9295, 1983, Latest Revision) Nominal Dia. 165.1 mm , Length 600 mm nominal Thickness : 5.4 mm Maximum radial run out ± 0.8 mm (TIR 1.6 mm as per IS : 8598) Preferred Make : TATA / SAIL / JINDAL / NEZONE / UTKARSH / PSST
1.2	Spindle	The spindle shall be made of EN-9 / BS - 970 / 45 C8, IS : 1570 material The bearing portion of the spindle shall be ground to ($\Delta\Delta\Delta$) finish
1.3	Bearings	The bearings shall be deep groove ball bearing 6207 (C3 clearance) Make : SKF / FAG L10 Bearing Life Shall be > 40,000 hrs
1.4	Bearing Housing	The bearing Housing shall be made of Extra deep drawn quality CRCA Sheet, as per IS : 513 Minimum Sheet Thickness : 3.15 mm Bearing housing edge shall be atleast 5 mm inwards of idler edge The bearing shall be press fit. The interference fit over race shall be M7. The bearing housing shall be welded carefully to avoid distortion
1.5	Circlip	External Circlip as per IS : 3075, Material Spring Steel (Heavy Duty)

1.6	Seals - Inner & outer labyrinth, - Inner back seal & - Rain Cap	The idlers shall be provided with multi labyrinth seals to prevent ingress of dust & moisture into the bearing housing. Seal Material : Nylon-6
1.7	Lubrication	The bearings shall be packed with Lithium based grease with water repellent & high flash point characteristics. Sealed for Life.
1.8	Dust Cover (outer Seal)	The Bearing Housing shall be made of Extra deep drawn quality CRCA Sheet, as per IS : 513 (Galv.)
1.9	Interchangeability	The idlers shall be made with close tolerance to have 100% interchangeability
1.10	Painting	Thorough cleaning of the surface Painting of two coats of epoxy polyamide resin based red oxide primer Followed by two coats of Zinc Phosphate Epoxy paint (epoxy content 15-18% by wt.) Dry film thickness per coat > 30 μ mm, Total DFT > 120 μ mm The temperature resistance of the paint shall be > 120 °C Colour : Smoke Grey (RAL 692) / Air Craft Grey (RAL 693)
1.11	Marking	Embossing / Punching on each idler on Outer cover (OPGC 2021 C), Letter Size about 10 mm

IDLER ROLLER - DATA SHEET

Sl. No.	Item Description	Specification
2	Return Idlers 139.7 x 850 x 22 as per IS : 8598, 1987, Latest Revision	
2.1	Steel tubes for Idler shell	ERW pipe (confirming to IS: 9295, 1983, Latest Revision) Nominal Dia. 139.7 mm , Length 850 mm nominal Thickness : 4.85 mm Maximum radial run out ± 0.8 mm (TIR 1.6 mm as per IS : 8598) Preferred Make : TATA / SAIL / JINDAL / NEZONE / UTKARSH / PSST
2.2	Spindle	The spindle shall be made of EN-9 / BS - 970 / IS : 1570 material The bearing portion of the spindle shall be ground to (ΔΔΔ) finish
2.3	Bearings	The bearings shall be deep groove ball bearing 6206 (C3 clearance) Make : SKF / FAG L10 Bearing Life Shall be > 40,000 hrs
2.4	Bearing Housing	The bearing Housing shall be made of Extra deep drawn quality CRCA Sheet, as per IS : 513 Minimum Sheet Thickness : 3.15 mm Bearing housing edge shall be atleast 5 mm inwards of idler edge The bearing shall be press fit. The interference fit over race shall be M7. The bearing housing shall be welded carefully to avoid distortion
2.5	Circlip	External Circlip as per IS : 3075, Material Spring Steel (Heavy Duty)
2.6	Seals - Inner & outer labyrinth, - Inner back seal & - Rain Cap	The idlers shall be provided with multi labyrinth seals to prevent ingress of dust & moisture into the bearing housing. Seal Material : Nylon-6

2.7	Lubrication	The bearings shall be packed with Lithium based grease with water repellent & high flash point characteristics. Sealed for Life.
2.8	Dust Cover (outer Seal)	The Bearing Housing shall be made of Extra deep drawn quality CRCA Sheet, as per IS : 513 (Galv.)
2.9	Interchangeability	The idlers shall be made with close tolerance to have 100% interchangeability
2.10	Painting	Thorough cleaning of the surface Painting of two coats of epoxy polyamide resin based red oxide primer Followed by two coats of Zinc Phosphate Epoxy paint (epoxy content 15-18% by wt.) Total dry film thickness per coat > 30 μ mm The temperature resistance of the paint shall be > 120 °C Colour : Smoke Grey (RAL 692) / Air Craft Grey (RAL 693)
2.11	Marking	Embossing / Punching on each idler on Outer cover (OPGC 2021 R), Letter Size about 10 mm

IDLER ROLLER - DATA SHEET

Sl. No.	Item Description	Specification
1	Non-Magnetic Idlers 165.1 x 600	
1.1	Steel tubes for Idler shell	SS-304 pipe Nominal Dia. 165.1 mm , Length 600 mm nominal Thickness : 5.4 mm Maximum radial run out ± 0.8 mm (TIR 1.6 mm as per IS : 8598) Preferred Make : TATA / SAIL / JINDAL / NEZONE / UTKARSH / PSST
1.2	Spindle	The spindle shall be made of EN-9 / BS - 970 / 45 C8, IS : 1570 material The bearing portion of the spindle shall be ground to (ΔΔΔ) finish
1.3	Bearings	The bearings shall be deep groove ball bearing 6207 (C3 clearance) Make : SKF / FAG L10 Bearing Life Shall be > 40,000 hrs
1.4	Bearing Housing	The bearing Housing shall be made of Extra deep drawn quality CRCA Sheet, as per IS : 513 Minimum Sheet Thickness : 3.15 mm Bearing housing edge shall be atleast 5 mm inwards of idler edge The bearing shall be press fit. The interference fit over race shall be M7. The bearing housing shall be welded carefully to avoid distortion
1.5	Circlip	External Circlip as per IS : 3075, Material Spring Steel (Heavy Duty)
1.6	Seals - Inner & outer labyrinth, - Inner back seal & - Rain Cap	The idlers shall be provided with multi labyrinth seals to prevent ingress of dust & moisture into the bearing housing. Seal Material : Nylon-6
1.7	Lubrication	The bearings shall be packed with Lithium based grease with water repellent & high flash point characteristics. Sealed for Life.
1.8	Dust Cover (outer Seal)	The Bearing Housing shall be made of Extra deep drawn quality CRCA Sheet, as per IS : 513 (Galv.)
1.9	Interchangeability	The idlers shall be made with close tolerance to have 100% interchangeability

1.10	Painting	Thorough cleaning of the surface Painting of two coats of epoxy polyamide resin based red oxide primer Followed by two coats of Zinc Phosphate Epoxy paint (epoxy content 15-18% by wt.) Dry film thickness per coat > 30 μ mm, Total DFT > 120 μ mm The temperatur resistance of the paint shall be > 120 °C
1.11	Marking	Embossing / Punching on each idler on Outer cover (OPGC 2021 C), Letter Size about 10 mm

IDLER ROLLER - DATA SHEET

Sl. No.	Item Description	Specification
4	(Refer Sketch-2) Non Magnetic Carrying Idler 152.4 x 670 x 22 , as per IS : 8598, 1987, Latest Revision	
4.1	Steel tubes for Idler shell	ERW pipe (conforming to IS: 9295, 1983, Latest Revision) Idler Tube material shall be SS-304 Nominal Dia. 152.4 mm , Length 670 mm (Shaft Length 702) Nominal Thickness : 4.5 mm without negative thickness. Maximum radial run out ± 0.8 mm (TIR 1.6 mm as per IS : 8598) Preferred Make : TATA / SAIL / JINDAL / NEZONE / UTKARSH / PSST
4.2	Spindle / Shaft with matching Nut	The spindle shall be made of EN-9/BS-970/45 C8, IS:1570 Material The bearing portion of the spindle shall be ground to (R???) finish
4.3	Bearings	The bearings shall be deep groove ball bearing 6206 Z (C3 clearance) Make : SKF / FAG L10 Bearing Life Shall be > 40,000 hrs
4.4	Bearing Housing	The bearing Housing shall be made of Extra deep drawn quality CRCA Sheet, as per IS : 513 Minimum Sheet Thickness : 3.15 mm Bearing housing edge shall be atleast 5 mm inwards of idler edge The bearing shall be press fit. The interference fit over race shall be M7. The bearing housing shall be welded carefully to avoid distortion
4.5	Circlip	External Circlip as per IS : 3075, Material: Spring Steel (Heavy Duty)
4.6	Seals - Inner & outer labyrinth, - Inner back seal & - Rain Cap	The idlers shall be provided with multi labyrinth seals to prevent ingress of dust & moisture into the bearing housing. Seal Material : Nylon-6

4.7	Lubrication	The bearings shall be packed with Lithium based grease with water repellent & high flash point characteristics. Sealed for Life.
4.8	Dust Cover/End Cap (outer Seal)	Shall be made of Extra deep drawn quality CRCA Sheet, as per IS : 513 (Galv.)
4.9	Interchangeability	The idlers shall be made with close tolerance to have 100% interchangeability
4.10	Marking	Embossing / Punching on each idler on Outer cover (CHP2), Letter Size about 10 mm
4.11	Dimensional Tolerance	The dimensional tolerances shall be as per IS: 2102 (Part-1)
4.12	Friction Factor	The friction factor shall be within 0.015 (as per BIS:11592,2000)
4.13	Painting	Thorough cleaning of the surface Painting of two coats of Light Grey Zinc Chromate as per IS : 2074 / IS 12744 Followed by two coats of Synthetic enamel paint as per IS : 2932 (epoxy content 15-18% by wt.) Dry film thickness per coat > 35 µm, Total DFT > 120 µm The temperature resistance of the paint shall be > 120 °C Colour : Smoke Grey (RAL 692) / Air Craft Grey (RAL 693)

Note:-

The successful bidder shall submit QAP for approval by the purchaser (Typical QAP is attached for ready reference)

The bidder shall also take exact dimensions of the idlers to avoid any fitment issue.

QUALITY ASSURANCE PLAN FOR IDLER ROLLERS

Sl. No.	Components & Operation	Charecteristics	Class	Type of Check	Quantum of Check		Reference document	Acceptance Norms	Format of Record		Agency			Remarks
					SUP	OPGC / TPI			format	Documentation	SUP	TPI	OPGC	
1. RAW MATERIAL														
1.1	Tubes for Idlers	Surface Defect	Major	Visual	100%	100%	IS : 9295	IS : 9295	IR	---	P	---	---	Min. Tube shell thickness as per Drg.
		Dimensional properties	Major	TC Review	100%	100%	IS : 9295	Thickness	TC	Y	P	V	V	
		Mechanical Properties	Major	TC Review	Batch	Batch	IS : 9295	IS : 9295	TC	Y	P	V	V	
		Chemical Properties	Major	TC Review	Batch	Batch	IS : 9295	IS : 9295	TC	Y	P	V	V	
1.2	Bars for spindle	Mechanical Properties	Major	TC Review	Batch	1 / batch	Relevant material standard as per Drg. & data sheet		TC	Y	P	V	V	
		Chemical Properties	Major	TC Review	Batch	1 / batch			TC	Y	P	V	V	
1.3	Steel for Brg. Housing	Mechanical Properties	Major	TC Review	Batch	1 / batch	Relevant material standard as per Drg. & data sheet		TC	Y	P	V	V	
		Chemical Properties	Major	TC Review	Batch	1 / batch			TC	Y	P	V	V	
1.4	Bearings	Type / Size / Dimension / Make	Major	Verification	100%	1 / batch	Approved Drg. / Data Sheet Technical Spec. / TC Report		IR	Y	P	V	V	
1.5	Seals	dimension / Condition	Major	Verification	100%	1 / batch	Approved Drg. / Data Sheet Technical Spec. / TC Report		IR	Y	P	V	V	
2. IN PROCESS INSPECTION														
2.1	WPS, PQR & Welder Qualification	Conformance to standards	Major	Verification	100%	100%	ASME Section - IX		WPS PQR WPQ	Y	P	V	V	
2.2	Fabn. of Housing	Surface Defect on final weld & distortion	Major	DP Test	10% Random	10% Random	ASME Section - IX	Absence of defects	IR	Y	P	V	V	
2.3	Machining	Final	Major	Measurement	100%	----	Mfg. Drg.	Mfg. Drg.	IR	---	P	---	---	

NIT No. ITPS/Pur./22-23/37(P)

Date: 11/12/2022

	of Spindle	Dimension											
3. FINAL INSPECTION													
3.1	Complete Assembled Roller	Dimension	Major	Measurement	1%	1 / Lot	Approved Drg. / Data Sheet / IS : 8598	IR	Y	P	W	W	
		Free rotation	Major	Visual	100%	10% Random	IS : 8598 / Free Rotation	IR	Y	P	W	W	
		Radial Run out	Major	Visual	10% Random	10% Random	Approved Drg. / Data Sheet / IS : 8598	IR	Y	P	W	W	
		Fitment of Roller with Bracket	Major	Visual	100%	10% Random	Free Drop / rollers shall be interchangeable	IR	Y	P	W	W	
		Dust Ingress Test	Major	Visual	1 / Lot	1 / Lot	Approved test procedure - #A	IR	Y	P	W	W	See details of test bellow TEST A
		Water Ingress Test	Major	Visual	1 / Lot	1 / Lot	Approved test procedure - #B	IR	Y	P	W	W	See details of test bellow TEST B
		Friction Factor	Major	Measurement	1 / Lot	1 / Lot	Approved test procedure - #C	IR	Y	P	W	W	See details of test bellow TEST C
3.2	Painting	DFT & Paint Shade	Major	Measurement & Visual	10% Random	10% Random	Data Sheet / Technical Spec.	IR	Y	P	V	W	

LEGENDS

SUP	Supplier
TPI	Third Party Inspector
IR	Inspection Report
TC	Test Certificate

P	Perform
V	Verify
W	Witness
Y	Yes

Note

:

- 1 All measuring / test instruments shall be calibrated from NPL / NABL Lab. & should have validity during the test.
- 2 All activities shall be documented in Internal Inspection Report (IIR) & the same shall be apart of the Inspection Offer by TPI / OPGC

NIT No. ITPS/Pur./22-23/37(P)

Date: 11/12/2022

- 3 Only qualified welders shall be put carry ou the job. The welder qualification records shall be a part of IIR.
- 4 Eevry 1000 pcs of each type of idlers or part their of shall be treated as one lot.

TEST A	DUST INGRESS TEST	Selected roller is mounted on a suitable fixture, on a test rig located on a closed dust chamber, roller shall be operated at operating speed while maintaining a continuous dust cloud in the dust chamber. After 180minutes the roller shall be stopped and shall be dismantled. Grease from the vicinity of the bearing shall be collected & dissolved in a suitable solvent. The residue shall be measured & compared with residue of fresh grease. The difference between the two should be within 5% for acceptance.
TEST B	WATER INGRESS TEST	Selected roller is mounted on a suitable fixture, on a test rig located on a closed dust chamber, roller shall be operated at operating speed while maintaining a continuous while maintaining continuous spray of water directly on the roller face near the ned cap at 45° angle with a pressure of 1 Kg/cm2 . After a period of 180 minutes. the roller s shall be stopped & dismantled to check for water particles at the bearing area. No water contamination / emulsification of grease / water droplets are acceptable.
TEST C	FRICITION FACTOR TEST	The friction factor is the ration of turning force to rotating mass. Acceptable friction factor for the idler rollers are < 0.02

QUALITY ASSURANCE PLAN FOR IDLER ROLLERS

Sl. No.	Component s & Operation	Charecteristic s	Class	Type of Check	Quantum of Check		Referenc e document	Acceptanc e Norms	Format of Record		Agency			Remarks
					SUP	OPGC / TPI			forma t	Documentio n	SU P	TP I	OPG C	
1. RAW MATERIAL														
1.1	Tubes for Idlers	Surface Defect	Majo r	Visual	100%	100%	IS : 9295	IS : 9295	IR	---	P	---	---	
		Dimensional properties	Majo r	TC Review	100%	100%	IS : 9295	Thickness	TC	Y	P	V	V	Min. Tube shell thicknes s as per Drg.
		Mechanical Properties	Majo r	TC Review	Batch	Batch	IS : 9295	IS : 9295	TC	Y	P	V	V	

		Chemical Properties	Major	TC Review	Batch	Batch	IS : 9295	IS : 9295	TC	Y	P	V	V	
1.2	Bars for spindle	Mechanical Properties	Major	TC Review	Batch	1 / batch	Relevant material standard as per Drg. & data sheet		TC	Y	P	V	V	
		Chemical Properties	Major	TC Review	Batch	1 / batch			TC	Y	P	V	V	
1.3	Steel for Brg. Housing	Mechanical Properties	Major	TC Review	Batch	1 / batch	Relevant material standard as per Drg. & data sheet		TC	Y	P	V	V	
		Chemical Properties	Major	TC Review	Batch	1 / batch			TC	Y	P	V	V	
1.4	Bearings	Type / Size / Dimension / Make	Major	Verification	100%	1 / batch	Approved Drg. / Data Sheet Technical Spec. / TC Report		IR	Y	P	V	V	
1.5	Seals	dimension / Condition	Major	Verification	100%	1 / batch	Approved Drg. / Data Sheet Technical Spec. / TC Report		IR	Y	P	V	V	
2. IN PROCESS INSPECTION														
2.1	WPS, PQR & Welder Qualification	Conformance to standards	Major	Verification	100%	100%	ASME Section - IX		WPS PQR WPQ	Y	P	V	V	
2.2	Fabn. of Housing	Surface Defect on final weld & distortion	Major	DP Test	10% Random	10% Random	ASME Section - IX	Absence of defects	IR	Y	P	V	V	
2.3	Machining of Spindle	Final Dimension	Major	Measurement	100%	----	Mfg. Drg.	Mfg. Drg.	IR	---	P	---	---	
3. FINAL INSPECTION														
3.1	Complete Assembled Roller	Dimension	Major	Measurement	1%	1 / Lot	Approved Drg. / Data Sheet / IS : 8598		IR	Y	P	W	W	
		Free rotation	Major	Visual	100%	10% Random	IS : 8598 / Free Rotation		IR	Y	P	W	W	
		Radial Run out	Major	Visual	10% Random	10% Random	Approved Drg. / Data Sheet /		IR	Y	P	W	W	

					m	m	IS : 8598						
		Fitment of Roller with Bracket	Major	Visual	100%	10% Random	Free Drop / rollers shall be interchangeable	IR	Y	P	W	W	
		Dust Ingress Test	Major	Visual	1 / Lot	1 / Lot	Approved test procedure - #A	IR	Y	P	W	W	See details of test bellow TEST A
		Water Ingress Test	Major	Visual	1 / Lot	1 / Lot	Approved test procedure - #B	IR	Y	P	W	W	See details of test bellow TEST B
		Friction Factor	Major	Measurement	1 / Lot	1 / Lot	Approved test procedure - #C	IR	Y	P	W	W	See details of test bellow TEST C
3.2	Painting	DFT & Paint Shade	Major	Measurement & Visual	10% Random	10% Random	Data Sheet / Technical Spec.	IR	Y	P	V	W	

LEGEND
S

SUP	Supplier
TPI	Third Party Inspector
IR	Inspection Report
TC	Test Certificate

P	Perform
V	Verify
W	Witness
Y	Yes

Note :

- 1 All measuring / test instruments shall be calibrated from NPL / NABL Lab. & should have validity during the test.

- 2 All activities shall be documented in Internal Inspection Report (IIR) & the same shall be apart of the Inspection Offer by TPI / OPGC
- 3 Only qualified welders shall be put carry ou the job. The welder qualification records shall be a part of IIR.
- 4 Eevry 1000 pcs of each type of idlers or part their of shall be treated as one lot.

TEST A	DUST INGRESS TEST	Selected roller is mounted on a suitable fixture, on a test rig located on a closed dust chamber, roller shall be operated at operating speed while maintaining a continuous dust cloud in the dust chamber. After 180 minutes the roller shall be stopped and shall be dismantled. Grease from the vicinity of the bearing shall be collected & dissolved in a suitable solvent. The residue shall be measured & compared with residue of fresh grease. The difference between the two should be within 5% for acceptance.
TEST B	WATER INGRESS TEST	Selected roller is mounted on a suitable fixture, on a test rig located on a closed dust chamber, roller shall be operated at operating speed while maintaining a continuous while maintaining continuous spray of water directly on the roller face near the ned cap at 45° angle with a pressure of 1 Kg/cm2 . After a period of 180 minutes. the roller s shall be stopped & dismantled to check for water particles at the bearing area. No water contamination / emulsification of grease / water droplets are acceptable.
TEST C	FRICTION FACTOR TEST	The friction factor is the ration of turning force to rotating mass. Acceptable friction factor for the idler rollers are < 0.2

Bank MANDATE FORM for e-payment
(To be submitted in Duplicate)

To,
Odisha Power Generation Corporation Ltd.,
1b thermal power station,
Banharpali,
Odisha.

Dear Sir,

Sub: - Authorization for release of payment due from OPGC Ltd through e-mode facilities of RTGS / NEFT / Internet Banking.

We are the regular contractor/Supplier to your organization and are executing work /supplying materials under different Contracts/ Purchase Orders to OPGC Ltd. We request you to release the payment of the outstanding amount electronically i.e., through RTGS, NEFT, Fund Transfer or any other suitable way. The details of our bank account are as follows: -

(Please fill in the information in CAPITAL LETTERS. Please TICK wherever it is applicable)

- 1.0 Name of the Party:
- 2.0 Address of the Party
-
- City Pin Code
- E-mail ID
- 3.0 Permanent Account Number
- 4.0 Telephone/Cell No.....
- 5.0 Particulars of Bank:

Bank Name		Branch Name	
Branch Place		Branch City	
Pin code		Branch Code	
MICR No		IFSC Code	
Account Type	Savings:	Current:	Cash Credit:
Account No. (as appearing in the Cheque Book) :			
(9 Digits code number appearing on the MICR Bank of the cheque supplied by the Bank. Please attach Xerox copy of a cheque of your bank for ensuring accuracy of the bank name, branch name & code and Account number)			

6.0 Date from which the mandate should be effective :

I hereby declare that the particulars given above are correct and complete. If any transaction is delayed or not effected for reasons of incomplete or incorrect information, I shall not hold Odisha Power Generation Corporation Ltd responsible. I also undertake to advise any change in the particulars of my account to facilitate updation of records for purpose of credit of amount through internet / RTGS / NEFT.

Place:

Date: Signature of the Party / Authorized Signatory

.....

Certified that particulars furnished above are correct as per our records.

Bank's Stamp:

Date: (Signature of the Authorized Official from the Banks)

Rules and Regulations of the e-Reverse Auction

Buyer's Name/Owner	Ib Thermal Power Station (A Unit of Odisha Power Generation Corporation Limited)
Auction To Be Conducted By	MSTC Limited
Date & Time Of Auction	Auction Date: [To be intimated later] Online e-Reverse Auction Time : [To be intimated later] URL: www.mstcecommerce.com/eprochome/opgc
Special Instructions	Bidding in the last minutes and seconds should be avoided in the bidders own interest. Neither the Service Provider nor OPGC will be responsible for any lapses /failure on the part of the vendor, in such cases.
Auto Extension of Closing Time	5 minutes NB: If any bidder quotes 5 minutes before closing time, the closing time will be extended automatically for another 05 minutes and so on till 05 minutes idle time between the bids.
Decremental Value	Minimum decrement will be intimated before E-RA
Start Price	The start bid price as decided by OPGC tender committee shall be displayed at MSTC Limited auction platform during start of the e-RA.

1. Bidding would be conducted through two (02) stage process comprising of technical bid in which the bidder would be required to provide the details regarding compliance with the eligibility conditions, and financial bid comprising of the Initial Price Offer (IPO) and the Final Price Offer (FPO) through E-RA.
2. The IPO is to be submitted along with the tender document separately in a sealed envelope and super scribed with "PRICE BID" along with the tender enquiry number & Name of the work. Both the techno-commercial & price bid envelopes should be kept in a third envelope sealed and super scribed with tender enquiry number and Name of the work.
3. The financial bid process will comprise of two rounds. In the first round, the IPO of the techno-commercially qualified bidders will be opened & ranked on the basis of ascending order for determination of qualified bidders. Best five (L-1 to L-5) bidders would be qualified bidders for E-RA and such qualified bidders shall be eligible to participate in the E-RA and submit their FPO with respect to the bid.
4. In case of tie for L5 bid, all the bidders offering L5 will be allowed for e-RA.
5. Bidders must be a registered user to bid for Buyer ("OPGC") in MSTC portal www.mstcecommerce.com/eprochome/opgc. Bidders need to have their Login ID and Password prior to e-Reverse Auction.
6. Bidders have to participate as per the e-Reverse Auction time and date communicated to them & based upon e-Reverse Auction invitation for particular Auction.
7. Quotation once submitted through e-Reverse Auction cannot be withdrawn /deleted. Otherwise, the EMD submitted by the bidder shall stand forfeited.
8. Buyer reserves the right to ban the bidder from participating in e-Reverse Auction without any explanation/reason at any stage of e-Reverse Auction.
9. Buyer reserves the rights to extend / cancel the e-Reverse Auction.
10. E-Reverse Auction shall be conducted in Indian Rupees only.

11. All prices submitted by Bidder in e-Reverse Auction shall be as per Tender's Terms & Conditions.
12. Validity of bids: As mentioned in Tender Document.
13. Written Confirmation shall be taken in advance regarding participation in the e-Reverse Auction to buyer along with the Authorized person name and details.
14. Buyer reserves the right to award the Purchase Order / Service Order as per buyer's discretion irrespective of Live Auction Rank.
15. Buyer reserves the right to repeat the e-Reverse Auction of same package.
16. **After completion of e-Reverse Auction, the lowest evaluated bid of all the bids submitted in manual and e-Reverse Auction process shall be considered for award of the Purchase order / Work order.**
17. The bidders shall quote from their own offices/ place of their choice. Internet connectivity shall have to be ensured by bidders themselves.
18. If the Bidder or any of his representatives are found to be involved in Price manipulation/ cartel formation of any kind, directly or indirectly by communicating with other bidders, OPGC at its own discretion shall debar the bidder from the e-Reverse Auction/Tender and future participation also.
19. OPGC reserves the right to cancel the e-Reverse Auction process/ tender at any time, before ordering, without assigning any reason and may go for manual opening of price bids as per standard practice.
20. OPGC shall not be liable for any interruption or delay in accessing the MSTC portal irrespective of any cause. In such cases, the decision of OPGC shall be binding on the bidders.
21. Other terms and conditions shall be as per NIT, bidder's techno-commercial Bid and other latest correspondences/ final confirmations, (if any) against the NIT.
22. If any item is not quoted by a bidder, the maximum price quoted by the other participated bidders for that item shall be considered for arriving evaluated price of that bidder.
23. The total L1 Price obtained through e-Reverse Auction shall be proportionately distributed among each line item in line with the price quoted and evaluated in the hard copy price bid.
24. The price quoted in e-Reverse Auction is the total price for all the items and quantity as per Price Schedule of NIT irrespective of any omission by the bidder in the hard copy price bid.
25. In case, the L1 Bidder in e-Reverse Auction and manual Tender happens to be the same bidder, then minimum price among both shall be considered as L1. If the bidder disagrees to accept the said condition, then his EMD shall be forfeited. Apart from this the bidder will be debarred from participating in future e-Reverse Auction/Tender of OPGC.
26. Each Bidder shall get the final loading factor (%age of the quoted price) from OPGC before e-Reverse Auction for the deviations, if any, taken by them in the techno-commercial bid.
27. The Price quoted in the e-Reverse Auction shall be inclusive of all applicable taxes, duties and levies, deviations considering the loading factor (got from OPGC/Tender Condition as mentioned in above clause) on his quoted price. However, the GST shall be paid extra as applicable and not included in the loading factor as well as total price.

UNDERTAKING

I hereby undertake that I agree to the **"Rules and Regulations of the e-Reverse Auction"** mentioned herein.

Signature:

Name:

Date:

Company Name:

Seal:

PROFORMA FOR BANK GUARANTEE IN LIEU OF DD FOR EARNEST MONEY

(On Non Judicial stamp paper of appropriate value)

Ref:

Date:

Bank Guarantee

No.

To,

Odisha Power Generation Corporation Ltd.,
Ib Thermal Power Station, At/Po- Banharpali,
Dist.-Jharsuguda - 768234.

Dear Sir,

In consideration of Odisha Power Generation Corporation having its Registered office at 7th.Floor, Zone – A, Fortune Towers, Chandrasekharpur, Bhubaneswar-751 023 (hereinafter called the "Owner" which expression shall unless repugnant to the subject or context include its successors and assigns) having issued Tender Specification Against NIT No. _____ Dated _____ to M/s. _____ having its Registered/ Head office at _____ (hereinafter called the Bidder) who wishes to participate in the said tender for and you, as a special favor, have agreed to accept an irrevocable and unconditional Bank Bid Guarantee for an amount of ₹ _____ valid up to _____. On behalf of the Bidder, as a condition for participation in the said tender.

We, the _____ Bank incorporated under _____ law and having one of our branches at _____ and having our Registered office/Head office at _____ do here by unconditionally and irrevocably guarantee and undertake to pay to the "Owner" immediately on demand without any demur reservation, protest, contest and recourse to the extent of the said sum of ₹ _____ (Rupees _____ only). Any such claim/demand made by the said "Owner" on us shall be conclusive and binding on us irrespective of any dispute or differences raised by the Bidder. This guarantee shall be irrevocable and shall remain valid up to _____. If any further extension of this guarantee is required, the same shall be extended to such required period on receiving instructions from M/s. _____ on whose behalf this guarantee is issued.

We, the said Bank lastly undertake not to revoke this guarantee during its currency except with the previous consent of the owner in writing and agree that any change in the constitution of the said tenderer or the said Bank shall not discharge our liability. In witness where of the Bank, through its authorized officer, has set its hand and stamp on this _____ day of _____ 20____.

Witness:	
(Signature)	(Signature)
Name _____	Name _____ (Designation with Bank stamp) Official Address Attorney as per Power of Attorney No. _____ Date _____

PROFORMA OF BANK GUARANTEE FOR CONTRACT PERFORMANCE

(On Non-Judicial Stamp paper of Appropriate Value)

- 1.0 In consideration of OPGC Ltd. Having its registered office at Zone-A, 7th Floor, Fortune Tower, Chandrasekaharpur, Bhubaneswar-751023, Odisha herein-in after called the "Owner" which expression shall unless repugnant to the subject or context include its successor & assignees) having awarded to M/swith its Registered/Head office at..... here-in after referred to as the "Contractor" which expression shall unless repugnant to the subject or context include its successor, executors & assignees) a contract by issue of Owner's Letter of Intent No. Dated and the same having been unequivocally accepted by the contractor resulting in a contract bearing No. dated valued atRs.....for and the contractor having agreed to provide a contract performance (Scope of work) Guarantee for the faithful performance of the entire contract equivalent to..... 10% (ten percent) of the said value of the contract to the owner for satisfactory performance of the equipment/materials supplied (as detailed in the said agreement) during the Guarantee period (as detailed in the said agreement) and for the due fulfillment by the contractor(s) of the terms and conditions contained in the said agreement.
- 2.0 We (here-in after referred to as "the bank" (Name & address of Bank)having its Head Office at do hereby guarantee and undertake to pay the owner, on demand any and all amount payable by the contractor not exceeding(Rupees.....) only as aforesaid at any time up to (Days/Month/Year).
- 3.0 We do hereby (Name of Bank)undertake to pay the amounts due to and payable under this guarantee without any demur, reservation, contest, recourse or protest and/or without any reference to the contractor. Any such demand made by the owner on the Bank shall be conclusive and binding notwithstanding any difference between the owner and contractor or any dispute pending before any court, tribunal or any other authority. The bank undertakes not to revoke this guarantee during the currency without previous consent of the Owner and further agrees that the guarantee herein contained shall continue to be enforceable till the owner discharges this guarantee.The payment so made by us under this bond shall be a valid discharge of our liability for payment there under and the contractor(s)/suppliers shall have no claim against us for making such payment.
- 4.0 We further agree that the (Name of Bank)guarantee herein contained shall remain in full force and effect during the period that would be taken for the performance of the said Agreement and that it shall continue to be enforceable till all dues of OPGC have been fully paid and its claims satisfied or discharged until OPGC certifies that the terms & conditions of the said Agreement have been fully and properly carried out by the said contractor(s) and accordingly discharges this guarantee.
- 5.0 We further agree with the (Name of Bank)OPGC that OPGC have the fullest liberty without our consent and without affecting in any manner our obligations

hereunder to vary any of the terms and conditions of the said agreement or to extend time of performance by the said contractor(s) from time to time or to postpone for any time or from time to time any of the powers exercisable by the OPGC against the said contractor(s) and to for bear or enforce any of the terms and conditions relating to the said agreement and we shall not be relieved from our liability by reason of any such variation, postponement or extension being granted to the said contractor(s) or for any forbearance, act or omission on the part of the OPGC or any indulgence by the OPGC to the said contractor(s) or by any such matter or thing whatsoever which under the law relating to sureties would but for this provision have effect of so relieving us.

6.0 This guarantee will not be discharged due to the change in the name, style and constitution of the Bank or the contractor(s)/suppliers(s).

7.0 Notwithstanding anything contained herein:

- a) Our liability under this bank guarantee shall not exceed Rs..... (Rupees.....)
- b) This bank guarantee shall be valid up to
- c) We are liable to pay the guaranteed amount or any part thereof under this B.G only and only if the beneficiary/Govt. serves upon the bank a written claim or demand on or before

8.0 Welastly undertake not to revoke this (Name of Bank)guarantee during its currency except with the previous consent of the OPGC in writing. Dated the day of 20....

9.0 Notwithstanding anything contained hereinabove our liability under this guarantee is restricted to Rs..... (Rupees.....only) and this guarantee is valid up to We shall be released and discharged from all liabilities hereunder unless a written claim for payment under this guarantee is lodged on us within three months from the date of expiry of the guarantee i.e. on or before Irrespective of whether or not the original guarantee is returned to us. The confirmation of this Bank Guarantee is available within our controlling office. The beneficiary in his own interest should obtain such confirmation from the controlling office at the following address

For and on behalf of (the Bank)

WITNESS with address

1.

2.

Signature.....

Name.....

Designation

Authorization No.

Seal of the Bank