



BID DOCUMENT

Name of work: "Repair and Maintenance of bituminous road from car parking to cooling tower (CT 01) at ITPS" (Two Parts)

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ODISHA POWER GENERATION CORPORATION LTD. Unit# 3 & 4
Ib Thermal Power Station, Banaharpali, Jharsuguda – 768234
(ODISHA)

Email: debesh.mohanty@opgc.co.in; rabindra.panda@opgc.co.in
bkmishra@opgc.co.in



ODISHA POWER GENERATION CORPORATION LIMITED
IB THERMAL POWER STATION
At/PO: BANHARPALI, DIST: JHARSUGUDA – 768 234 (ODISHA)

NOTICE INVITING TENDER
(NIT No. ITPS/CC-22/2021-22/10, Date: 19.08.2021)

OPGC invites sealed bids from bona fide and financially sound Registered Agencies /Firms /Companies for execution of the following Works for its Thermal Power Plant at Banharpali:

**Works Tenders: (Telephone: 06645-289-315/232/245) Email: debesh.mohanty@opgc.co.in;
anup.sawarkar@opgc.co.in; hayattulla@opgc.co.in; rabin.sahoo@opgc.co.in)**

S/ N	Name of the work	Tender cost	EMD (Rs.)	Contract Period	Bid Sale/ Issue date	Date of receipt & submission /Opening of Bid
1.	Overhauling of HT & LT Switchgear of Unit-2 in FY 2021-22	Rs.5600/- including GST	1% of total quoted price	As per Bid Document	23.08.21 to 13.09.21	Up to 15:00 Hrs on 14.09.21/ 15:30 Hrs onwards on 14.09.21
2.	Hiring Expert Services for C&I maint. activities during AOH of Unit-3&4	Rs.5600/- including GST	1% of total quoted price	As per Bid Document	20.08.21 to 03.09.21	Up to 15:00 Hrs on 04.09.21/ 15:30 Hrs onwards on 04.09.21
3.	Assistance in Analysis and Operation of WTP at ITPS	Rs.5600/- including GST	1% of total quoted price	As per Bid Document	21.08.21 to 09.09.21	Up to 15:00 Hrs on 10.09.21/ 15:30 Hrs onwards on 10.09.21
4.	ARC for Rewinding/Repair of LT Motors (10.1 KW to 200 KW) for 02 years	Rs.5600/- including GST	1% of total quoted price	As per Bid Document	23.08.21 to 13.09.21	Up to 15:00 Hrs on 14.09.21/ 15:30 Hrs onwards on 14.09.21
5.	Repair and Maint. of Bituminous Road from Car Parking area to CT-1 at ITPS	Rs.5600/- including GST	1% of total quoted price	As per Bid Document	23.08.21 to 13.09.21	Up to 15:00 Hrs on 14.09.21/ 15:30 Hrs onwards on 14.09.21

- **e-Reverse Auction (E-RA) shall be conducted for the works at Sl. No. 2. The Transaction Fees for e-Reverse Auction shall be deposited to the account of MSTC Limited directly.**

The non-refundable **Transaction Fees towards e-Reverse Auction** as mentioned above shall be deposited by all Techno-Commercially qualified bidders directly to the account of MSTC before E-RA launch schedule. The date of conduct of E-RA shall be intimated in later stage to Techno Commercially qualified bidders via e-mail. Before participation in e-Reverse Auction, the bidder has to register in MSTC e-Procurement Portal well in advance and submit the E-RA fee amounting to the value intimated by M/s. MSTC Limited.

Cost of bid document (non-refundable) shall be paid by Demand Draft in favour 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 or ICICI Bank (Code-ICIC0003679) payable at Telenpali. 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 submission/receipt

of tender, otherwise the bid shall be liable for rejection. Small scale industries/National Small-Scale Industries Corporation/ MSME firms are exempted from payment of Cost of bid document only if they are entitled for exemption of the offered service. Tenderers seeking exemption shall claim in advance along with the photocopy of Valid Registration Certificates at least two days before the due submission date. However, OPGC reserves the right to accept/ reject the exemption request if the same is found unauthenticated or not relevant to the offered item. 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, 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.

NB: Bidders having the requisite qualifying requirements as specified in the bid document shall only be considered for tender evaluation.

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.

Important: The detailed NIT along with Terms and Conditions are available for download at OPGC website at www.opgc.co.in. Addenda/Corrigenda/ Extensions, if any, will be notified on the OPGC website only and will not be published in any other media. Interested companies or entities may visit OPGC website for the tender timeline and other details.

Sd/-
GM-SCM

SAFE & CLEAN POWER IS OUR COMMITMENT

OPGC encourages all existing or new vendors/suppliers to register with us as empaneled vendors. Please visit our website www.opgc.co.in for details.

Information to Bidders

1) 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. Both the Techno-commercial & Price Bid in separate sealed cover shall be put in a sealed third envelope. **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:
 - i) All Micro & Small Enterprises (MSEs) who are registered with DIC/KVIC/KVIB/Coir Board/NSIC/DHH/ Udyog Aadhar 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.
 - ii) 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.
- b) Photocopies of Provident Fund Registration certificate, ESI Registration certificate, Income Tax PAN and GST certificate.
- c) Bid documents duly signed & stamped in all pages as a token of acceptance.
- d) In case of bidders submitting the documents downloaded from OPGC web site, the cost of bid documents (as per NIT) must be submitted (separately from EMD) in the form of Demand Draft. **The draft towards cost of bid documents must be drawn on or before the last date of sale of bid documents.**
- e) 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.

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

2) 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.

- 3) **OPGC will award the contract to the successful bidder whose bid (offered/evaluated) has been found the lowest i.e. on L-1 basis.**
- 4) OPGC reserves the right to evaluate the quotation on such deviations having financial implications by adding the cost determined by OPGC.
- 5) 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.
- 6) 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 bid should include cost of mobilization and cost to adhere to all **safety norms as described in the tender & OPGC contractor safety management program document no.EM4/61 (PART A)**. No relaxation or request for revision of quoted/accepted rates shall be entertained subsequent to the opening of bid on account of mobilization or Safety costs.
- 7) 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.
- 8) 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.
- 9) 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.

GENERAL CONDITIONS OF CONTRACT



ODISHA POWER GENERATION CORPORATION LIMITED
7TH. FLOOR, ZONE – A, FORTUNE TOWERS,
CHANDRASEKHARPUR, BHUBANESWAR – 751 023
(ODISHA)

1. Tenders are invited on behalf of the OPGC Ltd. for the work "Repair and maintenance of bituminous road from car parking to cooling tower (CT 1) at ITPS" (Two Parts).
2. The Tender & rates shall be in the prescribed form provided by OPGC.
3. The works are required to be carried out within 03 Months or as per the instruction of EIC.
4. Normally Bidders having corresponding class of license, PF Code, ESI Registration, Service Tax code, valid IT PAN & GST IN, expertise for the work required to be executed and financial capacity will be considered.
5. The person who floats the NIT shall be the Accepting Authority herein after referred to as such for the purpose of this Tender.
6. Applications for issue of tender documents shall be submitted to Accepting Authority so as to reach his office not later than dt.13/09/2021. (up to 3 PM)
7. A Bidder shall possess IT PAN, PF Registration certificate and GST IN.
8. Tender documents consisting of plans, drawings, specifications, Schedule(s) of Quantities / Price Schedule of various classes of work to be done, the Conditions of Contract and other necessary documents.
9. A Bidder should quote his rates in figures as well as in words. The amount for each item should be worked out and the requisite totals given. Special care shall be taken to write rates in figures as well as in words, and the amounts in figures only in such a way that interpolation is not possible. The total amount shall be written both in figures and in words. In case of figures, the words 'Rs.' should be written before the figure of rupees and the words 'Paise' after the decimal figures, e.g. Rs.2.15 P. In case of words, the words 'Rupees' should precede and the words 'Paise' should be written at the end. Unless the rate is in whole rupees and followed by the word 'Only' it should invariably be up to two places of decimal.
10. In the case of item rate Tenders, only rates quoted shall be considered. Any tender containing percentage below / above the schedule of rate quoted is liable to be rejected. In case of lump sum tenders, only quoted amount shall be considered.
11. Any Bidder for the works shall not be witness in the Bid of any other Bidder for the same works. Failure to observe this condition shall render the Tender of the Bidder tendering as well as of those witnessing the Tender liable for rejection.
12. Tender shall be received up to 3.00 P.M of dt.14/09/2021 and shall be opened at 3.30 P.M on 14/09/2021 in presence of those Bidders or their duly authorized representatives who may like to be present.
13. The Tender shall be accompanied by Earnest Money of 1% of total quoted price. The Earnest Money offered shall be in shape of Demand Draft/Pay Order 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). EMD must be submitted in envelope, sealed & super scribed as "EMD". 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.
14. The Tender shall be accompanied with letter of undertaking on non-judicial stamp paper of appropriate value in the prescribed format.

15. The Earnest Money shall be made payable without any condition/demure to the Owner on demand. The Earnest Money shall be valid for a period of 03 (Three) calendar months from the date of opening of the bid

16. In consideration of the Owner opening and considering the Tender for purpose of award of Contract, the Bidder shall keep his Tender valid for a period of One Eighty (180) days from the date of opening of the Tender, during which period the Bidder agrees not to vary, alter or revoke his Tender either in whole or in part. If the Bidder however, fails to keep his Tender valid for One Eighty (180) days or varies its terms and conditions during the said period then the Owner shall be entitled to forfeit the Earnest Money amount without any notice or proof of damages etc. The Bidder shall submit his Tender as required in the Tender documents along with letter of undertaking in the proforma enclosed herewith.

17. The Earnest Money of all unsuccessful Bidders will be returned within thirty (30) days after the award of the Contract.

18. Any Tender not accompanied with Earnest Money in accordance with aforesaid provisions shall be rejected by the Owner as non-responsive Bid.

19. No interest will be payable by the Owner on the said amount covered under Earnest Money / other security deposits.

20. 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.

21. 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.

22. 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.

23. Except GST, Work Contract Tax or any other tax on materials in respect of this Contract shall be payable by the Contractor except service tax which shall be extra as applicable.

24. The right to accept the Tender rests with the Owner. The Owner further does not bind himself to accept the lowest tender and reserves the authority to reject any or all the Tenders received without assigning any reason whatsoever. The whole work may be split up between two or more Contractors or accepted in part (not entirely) if considered expedient. The rates shall be the lowest/negotiated for such eventualities. Tenders in which any of the particulars and prescribed information is missing or incomplete in any respect and/or the prescribed conditions are not fulfilled are liable to be rejected. The decision of the Owner in respect of the above shall be final and binding on the Bidders.

25. In case Contractor's labour go on strike with advance notice as per rule, it is responsibility of the Contractor to mobilize such manpower from their other sites or otherwise and continue the work so that execution of Contract is not affected. In such an event, the failure to perform shall lead the Owner to get the work done by any other agency, but at the cost & risk of the Contractor. Further, the Contract shall be terminated with seven (7) days' notice in O&M Contract and the Contractor may be debarred from participating in any future Bid in OPGC Ltd. In case of construction work, non-adherence to schedule shall lead to cancellation of Contract or imposition of penalty at the discretion of the Engineer-in-charge. If the labours go on strike without prior notice, the situation shall be treated as force majeure provided nonperformance is for a reasonable period only. If the situation is beyond reasonable control of the Contractor but has taken appropriate steps as a man of common prudence would have taken in his own case, Owner may consider in case to case basis to either terminate the Contract or otherwise get the work done by other means but at the cost & risk of the Contractor. Only events of such illegal strike, which make the performance impossible at the time of occurrence and for a considerable time period for mobilization, shall be considered as force majeure.

The period of Contract shall be specified in the Special Conditions of Contract. The Contract period shall reckon from the date of issue of LOI. OPGCL reserves the right to withdraw any item(s) of works from the scope by serving a 7 days' notice to the Contractor without giving

any reason for the same and take up the job departmentally or otherwise if performance of Contractor is found to be unsatisfactory. Value for the items of work thus withdrawn shall not be payable by the Owner. The Contractor shall not claim any compensation on this account. The period of Contract may be extended with mutual consent if the delay is beyond the control of Contractor at the discretion of the Engineer-in-charge.

26. SUSPENSION OF WORKS:

The Contractor shall, on receipt of the order in writing of the Engineer-in-charge, suspend the progress of the works or any part thereof for such time and in such manner, as the Engineer-in-charge may consider necessary for any of the following reasons:

- i) On account of any default on part of the Contractor; or
- ii) For proper execution of the works or part thereof for reasons other than the default of the Contractor;

In any of the above cases the Contractor shall properly protect and secure the works to the extent necessary and carry out the instructions given on that behalf by the Engineer-in-charge during such suspension period.

27. The Contractor shall employ labour in sufficient numbers to maintain the required rate of progress / attend the repair-maintenance on its occurrence and of quality to ensure workmanship of the degree specified in the Contract and to the satisfaction of the Engineer-in-charge. The Contractor shall not employ in connection with the works any person who has not completed his/her eighteen years of age.

28. The Contractor shall in respect of labour employed by him or his subcontractors comply with or cause to be complied with the Contractors Labour Regulations.

29. At present Employees State Insurance (ESI) Act is applicable to IB TPS, Contractor shall be liable to pay his contribution and the employees contribution to the State Insurance Scheme in respect of all labour employed by him for the execution of the Contract, in accordance with the provision of "The Employees State Insurance Act, 1948" as amended from time to time. In case, the Contractor fails to submit full details of his account of labour employed and the contribution payable, the Engineer-in-charge shall recover from the running bills of Contractor an amount of contribution as assessed by him. The amount so recovered shall be adjusted against the actual contribution payable for Employees State Insurance.

30. The Engineer-in-charge shall on a report having been made by an Inspecting Officer as defined in the Contractor Labour Regulations have been the power to deduct from the money due to the Contractor any sum required or estimated to be required for making good the loss suffered by a worker or worker by reason of non-fulfillment of the Conditions of the Contract for the benefit of workers, non-payment of wages or of deductions made from his or their wages which are not justified by the terms of the Contract or non-observance of the said Contractors Labour Regulations.

31. In the event of the Contractor committing a default or breach any of the provisions of the aforesaid Contractors Labour Regulations as amended from time to time or furnishing any information or submitting or filling any Form/Register/Slip under the provisions of these Regulations which is materially incorrect, then on the report of the Inspecting Officers as defined in the Contractors Labour Regulations the Contractor shall without prejudice to any other liability pay to the Owner a sum not exceeding Rs.500.00 as liquidated damages for every default, breach or furnishing, making, submitting, filling materially incorrect statement as may be fixed by the Engineer-in-charge and in the event of the Contractor's default continuing in this respect the liquidated damages may be enhanced to Rs.500.00 per day for each day of default subject to a maximum of ten percent of the contract value. The Engineer-in-charge shall deduct such amount from bills or security deposit of the Contractor and credit the same to the Welfare Fund constituted under Contract Labour (R&A) Act 1970. The decision of the Engineer-in-charge in this respect shall be final and binding.

32. Model Rules for Labour Welfare: The Contractor shall at his own expense comply with or cause to be complied with Model Rules for Labour Welfare. In case the Contractor fails to make arrangements as aforesaid, the Engineer-in-charge shall be entitled to do so and recover the cost thereof from the Contractor.

33. Safety code: The Contractor shall at his own expense arrange for the safety provisions.

34. REMOVAL OF WORKMEN:

The Contractor shall employ in and about the Execution of the works only such persons as are skilled and experienced in their several trades and the Engineer-in-charge shall be at liberty to object to and require the Contractor to remove from the works any person employed by the Contractor in or about the execution of the works who in the opinion of the Engineer-in-charge misconducts himself or is incompetent or negligent in the proper performance of his duties and such person shall not be again employed in the work without permission of the Engineer-in-charge.

35. WORK DURING NIGHT SUNDAYS AND HOLIDAYS: Subject to any provisions to the contrary contained in the Contract, none of the permanent works except emergency maintenance work & operation shall be carried out during night or on Sundays or on authorized holidays without the permission in writing of the Engineer-in-charge. But in case of maintenance Contract, the Contractor shall be required to work any time any day as required by Engineer-in-charge.

36. NEGOTIATION OF RATES:

In case Owner finds the lowest price to be at higher side in consideration of market price of various inputs including labour component, may call the lowest Bidders for negotiation of price based on analysis of their rate etc.

37. Payment of running bill:

a) 90% payment along with 100% taxes & duties shall be released within 30 days from the date of submission of bills duly certified by EIC.

b) Balance 10% of basic order value will be released within 30 days after completion of the contract, clearance from EIC & production of statutory evidence towards payment/deposit of PF, Leave salary, Bonus, Retrench benefit etc. of labour.

39. LABOUR LAWS

Contractor shall comply with all laws, ordinances, regulations and notification / instruction of Govt. concerning the health, wages, welfare, safety and employment and non-employment of his workers and shall exclusively bear the consequences of failure to comply therewith.

The following points are to be observed strictly by the Contractor.

- i) No labour below the age of 18 (eighteen) years shall be employed on the work.
- ii) The Contractor shall not pay less than the notified wages by the appropriate government towards minimum wages from time to time and must comply with Minimum Wages Act. The payment has to be made to the labours in the presence of authorized representative of the Owner / Engineer-in-charge.
- iii) The Contractor shall at his expense comply with all labour laws and keep the Owner indemnified in respect thereof.
- iv) The Contractor shall pay equal wages for men & women in accordance with Equal Remuneration Act 1976.
- v) The Contractor under the Contract Labour (Regulation and Abolition) Act, shall have a valid Labour license from appropriate licensing authority prior to starting / within 15 days of commencement of the work under the Contract. Validity of the license shall be maintained till expiry of Contract period & its extension, if any.
- vi) The Contractor shall employ labour in sufficient numbers to maintain the schedule of work and of quality to ensure workmanship of the degree specified in the Contract and to the satisfaction of the Engineer-in-charge.
- vii) The Contractor shall furnish to the Engineer-in-charge at the interval of every 15 days a statement of the workmen employed on the works and also furnish information under rule 73 of ODISHA Contract Labour (R&A) Rule, 1975 or rules made there under.

40. PREPARATION OF BID:

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

I) Techno commercial Bid and

II) Price bid

PART-I: TECHNO-COMMERCIAL 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 Bid.

The Bidder shall enclose the following & documents mentioned in qualifying criteria in this Bid.

a) **Crossed Demand Draft** for requisite amount drawn in favor of ODISHA Power Generation Corporation Ltd. in the manner prescribed above towards the Earnest Money and Tender cost without which the Tender will be summarily rejected.

b) **Details of work order of similar nature** and magnitude executed by the Bidder as per the qualifying criteria & other documents as specified in tender qualification criteria.

Note: If required additional sheet may be used to furnish all above information but in the format provided in General Conditions of Contract.

The techno-commercial bid with all its enclosures as mentioned should be put in an envelope, sealed & super scribed as "TECHNO-COMMERCIAL 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: PRICE BID

Kindly submit the Price bid in a different envelope as per BOQ.

Price bids of only those bidders will be opened who meet as per 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.

For and on behalf of ODISHA Power Generation Corporation Ltd.

Signature...Sd/-

Designation: GM-SCM – Contract Cell, ITPS.

Date:

QUALIFYING CRITERIA

Name of work: "Repair and maintenance of bituminous road from car parking to cooling tower (CT 1) at ITPS" (Two Parts).

Bidders having the following criteria shall only be considered to be qualified in the Techno-commercial Bid:

1. Experience of having successfully completed similar nature of works during last three (03) years ending last day of month previous to the one in which applications are invited should be either of the following:-
 - a. Three similar completed works costing not less than the amount equal to Rs.8 Lakhs. **'OR'**
 - b. Two similar completed works costing not less than the amount equal to Rs.10 Lakh. **'OR'**
 - c. One similar completed works costing not less than the amount equal to Rs.16.00 Lakh.

Definition of similar nature of work: - "Similar nature means bituminous road work pertaining to Semi Dense Bituminous Concrete (SDBC) "or" seal coat "or" Bituminous Macadam (BM) "or" Premix Carpet. Sufficient documentary proof (i.e., work order and completion certificate of similar work in support of the above must be submitted along with techno commercial bid).

2. Average Annual financial turnover during last three years i.e. Fy(2018-2019), Fy(2019-2020) & Fy(2020-2021), should be Rs.20 lakhs or more. Audited Balance Sheet and profit & Loss A/C must be submitted along with the Techno-commercial Bid. In case the account is not audited a certificate from a chartered accountant should be produced towards turnover.
3. The contractor should possess minimum equipment such as paver, vibro roller excavator, tipper, tractor, testing equipment if any for gradation of bitumen etc. and testing equipment's to find the percentage of bitumen in various bituminous items to be utilized at work. Party must submit self-declaration in company's letter head.
4. The bidder must have own Provident Fund Registration certificate, ESI Registration certificate, Income Tax PAN and GST certificate. Photocopies of these documents must be submitted along with Techno-commercial Bid.

NOTE:

- 1) **The bidders who are found qualified in above will be invited for the opening of the price bids.**
- 2) **All the above documents along with supporting documents to be enclosed in the Techno-Commercial Bid (PART-I).**

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.

SPECIAL CONDITIONS OF CONTRACT

NAME OF THE WORK: -"Repair and maintenance of bituminous road from car parking to cooling tower (CT 1) at ITPS"

- 1) The period of contract is 03 (Three) months from the date of issue of LOA / Work order excluding mobilization for a period of 15 days.
- 2) It is a work contract. The prices quoted by the contractor will remain firm throughout the contract period. Any changes in minimum wages or material rates during the contract period shall be borne by the contractor.
- 3) The contractor is required to mobilize his men, materials, plant & equipment at his work site within 15 days of intimation to start the work, failing which the Engineer-In-Charge will annul the contract agreement at his discretion. In the event of any such annulment, the owner reserves the right to recover the cost and other financial losses from the contractor in any manner deemed legally correct besides forfeiture of the EMD converted as ISD. The onus of proving that the delay in mobilization was beyond the control lies with the contractor. The Engineer-in-charge after satisfying himself with the reason for the delay if any may allow extension of time to avoid the annulment of the contract.
- 4) Contractor has to arrange all machineries and T&P required for the work.
- 5) All the vehicles used for the purpose of the work should have proper documents and driver should have professional license.
- 6) 5% of the gross bill amount shall be withheld towards statutory dues, which will be refunded after submission of authenticate document by the contractor.
- 7) 10% of gross bill will be deducted towards security deposit (SD), which will be released after completion of defect liability period of One Year from the date of completion of work.
- 8) In the event failure of contractor to undertake/attend to any job/ supply of materials specified under the scope within the specified time period, the Engineer-in-charge shall have the right to levy penalty as deemed suitable equal to 10% of the cost for that item of work/ material. Accordingly, the actual billing amount shall stand reduced to the extent of penalty cost imposed/recovered.
- 9) If any other item which is not mentioned in the bill of quantities, but is required to be executed for maintenance work, the agency will have to execute the same at the schedule of rate of Govt. of Odisha / approved rate of OPGC.
- 10) The contractor shall abide by the "EHS policy" and General Guidelines for Environmental protection of OPGC.
- 11) ESI Policy of the workman engaged in the work is mandatory.
- 12) The contractor shall abide by the legal provisions with regards to Health, welfare and safety of workers engaged by him. He is also responsible for medical care of the person engaged by him.
- 13) Any defective work noticed within the defect liability period of one year shall be rectified by the contractor immediately on receipt of information without any extra cost implication.
- 14) Different types of sign boards such as "work is in progress", "Drive slow", "Curve Ahead" etc. should be made by the agency to facilitate traffic movement.
- 15) Road separator such as traffic cones, reflective cones, speed breaker etc. should be arranged by the agency for smooth movement of traffic.
- 16) As the work will be hot condition, the workers should use Gumboots, helmets, gloves etc. with PPES.

- 17) Diversion work if any necessary should be made by the agency without extra cost implication for smooth movement of traffic.
- 18) Aggregate impact test, los Angel's abrasion test, crushing value test if any required are to be conducted by the agency.
- 19) The temperature of bitumen used for construction of road should be 140° C during laying and 90° C during rolling at site. The MORTH specification 2013 should be followed during execution of work.
- 20) Benzene Test should be done at site to find the % of bitumen and aggregate % related to (SDBC, BM, Seal coat etc.) respectively.
- 21) Below is the snap of 5th revised edition of MORTH 2013

Bitumen Viscosity grade	Bitumen temperature, °C	Aggregate Temperature, °C	Mixed Material temperature, °C	Laying temperature, °C	Rolling temperature, °C
VG 40	160 to 170	160 to 175	160 to 170	150 (Min.)	100 (Min.)
VG 30	150 to 165	150 to 170	150 to 165	140 (Min.)	90 (Min.)
VG 20	145 to 165	145 to 170	145 to 165	135 (Min.)	85 (Min.)
VG 10	140 to 160	140 to 165	140 to 160	130 (Min.)	80 (Min.)

PRICE BID FORMAT

BOQ FOR THE WORK "REPAIR AND MAINTENANCE OF BITUMINOUS ROAD FROM CAR PARKING AREA TO CT-1 AT ITPS"

SL NO	DESCRIPTION	UOM	QTY	RATE (INR)	AMOUNT (INR)
1	Scarifying the existing road surface to a depth of 50mm and disposal of scarified material with in all lifts and lead upto 1000 metres.	Sqm	1632.00		
2	Cleaning the Existing top road surface with removal with foreign materials with brooms or soft brushes and finally dusting with old gunny bags and /or compressed air to receive bituminous.as per direction of Engineer-in-charge.	Sqm	808.00		
3	Flank dressing to proper camber including cutting, filling of earth and disposing the extra earth wihtin 50m.lead including all cost of labour, taxes, T&P, PPEs etc. complete as per direction of Engineer-in-charge.	Sqm	1220.00		
4	Providing and laying semi dense bituminous concrete with batch type hot mix plant using crushed aggregates of specified grading, premixed with bituminous binder of 60/70 penetration grade of bitumen, transporting the hot mix to work site, laying with a hydrostatic paver finisher with sensor control to the required grade, level and alignment, rolling with smooth wheeled,vibratory and tandem rollers to achieve the desired compaction as per Clause 508 of MoSRT&H Specifications for Road & Bridge works (4th Revision).as per direction of Engineer-in-charge.	Sqm	122.00		
5	Providing,laying,Spreading and compacting graded stone aggregate to wet mix macadam specification including premixing the material with water at OMC in mechanical mix plant,carriage of mixed material by tipper to site,laying in uniform layers with paver in sub-base/base course on well prepared surface and compacting with vibratory roller to achieve the desired density as per clause 406 of moSRT&H specifications for road & bridge works.as per direction of Engineer-in-charge.	Cum	200.00		
6	Labour for laying 6mm thick precoated seal coat type-B using 0.06 cum of 6mm size chips and down grade as per sieve analysis and 6.8Kg of bitumen per 10sqm.including hire and running charges of PRR,bitumen mixture,tar boiler etc but including cost and conveyance of chips and bitumen complete as per direction of EIC.	Sqm	2440.00		
TOTAL VALUE IN INR (EXCLUDING GST)					
GST shall be extra at actual, applicable % along with SAC code to be indicated in your offer					