BID DOCUMENT

Name of the work: "Strengthening and Widening of Project Road from MGR Fuel Station to STP Junction at ITPS"

SAFE & CLEAN POWER IS OUR COMMITMENT

ODISHA POWER GENERATION CORPORATION LIMITED

Ib Thermal Power Station, Banaharpali, Jharsuguda – 768234
(ODISHA)

Email: parthiv.nayak@opgc.co.in
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ODISHA POWER GENERATION CORPORATION LIMITED
(A Government of Odisha undertaking)
AT-IB THERMAL POWER STATION, PO: BANAHARPALI, DIST: JHARSUGUDA, ODISHA-768234
Phone no: (Land Line No. 06645-289232/221/355/356/245)

NOTICE INVITING TENDER

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.

S/N	Name of the Work	Tender cost(Rs.)	EMD (Rs.)
1	Strengthening and Widening of Project Road from MGR Fuel Station to STP Junction at ITPS	As specified in MSTC	1,06,000/-

Online EMD Collection:- https://payments.billdesk.com/bdcollect/bd/odishapowergenerationcorporationltd/19850

In addition to the conventional modes of submission, Bank Guarantees in the form of Electronic Bank Guarantee (e-BG) shall be accepted for all purposes including Earnest Money Deposit (EMD)/Bid Security, Performance Security, Defect Liability Security, and Security against Mobilization Advance.

Participation -MSTC

Mandatory Registration: All prospective bidders must register themselves on the MSTC e-Procurement Portal (www.mstcecommerce.com) to participate in the tendering process. Since this tender is hosted and published exclusively on the MSTC platform, bids submitted through any other mode will not be entertained.

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.

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

DGM-CONTRACTS

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.

ODISHA POWER GENERATION CORPORATION LIMITED
Ib Thermal Power Station, Banaharpali

Name of the work: "Strengthening and Widening of Project Road from MGR Fuel Station to STP Junction at ITPS"

Bid Document & Instruction to Bidders

Bid Document

The Bid documents consist of the following documents:

1. Copy of NIT
2. Bid document & Instruction to Bidders
3. Qualifying Criteria
4. General Conditions of contract
5. Safety, Health & Environment (SHE) Rules & Regulations for Contractors
6. Scope of Work
7. Special Conditions of Contract
8. Rules and Regulations of the e-Reverse Auction
9. Blank Price bid

Techno-Commercial Bid:

The bidder must Upload the following along with the techno-commercial bid:

1) EMD
2) GST Registration Certificate, Provident Fund Registration Certificate, ESI Registration Certificate and IT PAN.
3) Signed & Stamped Bid Documents (all pages) as a token of acceptance.
4) Filled in and signed formats as specified in Annexure of GCC.
5) Credentials in support of qualifying requirements.
6) Commercial terms and conditions and deviation statement.
7) MSME (Micro/small/medium)/NSIC/SSI status of your firm.
8) Documents and undertakings as per the Qualification criteria requirement.

Instruction to the Bidder:-

1. As the tendering process will be conducted through E-bidding, bidders are required to submit their bids exclusively **via MSTC Portal**. **No hard copy of the bid is required to be submitted by the bidders.**

2. Bidders must not include any price details or price-related information in the techno-commercial bid. Any bidder who includes such information in the techno-commercial bid is liable to be disqualified/rejected.

3. Small scale industries/National Small Scale Industries Corporation/ MSME firms shall be exempted from payment of Earnest Money Deposit/Security Deposit/Tender Fees only if they are entitled for exemption of the offered service. However, OPGC reserves the right to accept/ reject the exemption request if the same is found unauthenticated or not relevant to the offered item.

Qualification criteria

The bidder who wishes to participate in the bidding shall meet the Qualifying Requirements stipulated hereunder:

2.1	**Technical Criteria:**
2.1.1	Experience of successfully completed *Similar Works (defined below) during the preceding seven (07) years, even if work is started earlier, as on the date of Techno-Commercial Bid Opening must be submitted along with the Bid Relevant PO copies and Client's completion certificate will be considered as the credential/documentary proof. Similar works shall be considered in either of the following. a) Three completed similar works costing not less than INR 21.20 Lakhs OR b) Two completed similar works costing not less than INR 26.50 Lakhs OR c) Single completed similar works costing not less than INR 42.40 Lakhs
*Similar Work	Similar work means: Construction of Bituminous Road work
2.2.	**Financial Criteria**
2.2.1	The bidder should be financially sound and shall have average annual financial turnover during last financial year FY-2023-24, FY-2024-25 and FY-2025-26 of minimum INR 16 Lakhs The bidder shall submit audited balance sheet including Profit & Loss statement as documentary evidence in support of the qualifying criteria. For the purpose of calculating financial turnover, revenue from Trading Business and Other Income is not admissible. OR In cases where a bidder is not required to prepare or obtain audited Balance Sheets and Profit & Loss Statements in accordance with the applicable Government Financial Circulars, Acts, Rules, or Regulations, the bidder shall submit certified copies of the relevant financial statements duly certified by a Registered Practicing Chartered Accountant. Notwithstanding anything contained in the above clause, Bidder(s) must not be in loss making financial status and should have a positive net worth during the financial years mentioned above.
2.3	**General Criteria**
2.3.1	Safety requirement-Bidder loss time hours must have been less than 200Hrs in last 3 years. (Contractor's self-certification).

2.3.2	The bidder must have its own Provident Fund Registration certificate, ESI Registration certificate, and Income Tax PAN and GST certificate. Photocopies of these documents must be submitted along with Techno-commercial Bid.
2.3.3	The bidder must submit an undertaking that it is not blacklisted or debarred from participation in tenders during the last 02(Two) years on ground of performance for the similar nature of job. (Contractor's Self Certification) AND Insolvency: Bidder should not be under NCLT, insolvency proceedings, liquidation etc.
Note:	Notwithstanding anything stated above, OPGC reserves the right to assess the capability and capacity of the Bidder to perform the contract should the circumstances warrant such an assessment in the overall interest of OPGC. • 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. • Sufficient documentary proof in support of the above must be submitted along with the Techno-Commercial Bid. • Tenders submitted without the above techno-commercial requirements shall be liable for rejection. • Any other documents in addition to the above which the applicant wants to submit. • The bidders who are found qualified in the above will be invited for the opening of the price • OPGC reserves the right to do due diligence of the credentials submitted by the bidders.

TECHNICAL SPECIFICATION

Name Of Work: - Strengthening and widening of project road from MGR fuel station to STP junction at ITPS

1. The agency must do the following jobs as per direction of Engineer-in-charge.
2. The Bitumen used for work shall be VG-30 (60/70) & Liquid Bitumen Emulsion or any brand approved by EIC.
3. Bitumen mixing should be in hot mix plant and prepared surface with hydrostatic paver finisher with sensor control.
4. All work should be followed as per MoSRT&H specification for road works (latest revision)
5. Sand should be free from clay, mica, vegetable and organic matter or any other foreign matter.
6. Any defective materials brought to the site should be removed by the agency at the instance of department.
7. Contractor has to arrange materials required to complete the work.
8. All the materials required for the work are to be tested at Govt. / NBAL approved laboratory before use.
9. After completion of the work agency has to clear all the left-out materials, other arrangements made for the work and clean the site properly. Then only the work will be treated as complete. The EIC shall certify the cleaning of work site before billing.
10. Agency has to make his own arrangement of construction water for the works.
11. One experienced civil/quality engineer should be deployed at the site for supervision and taking care of all the aspects.
12. PTW must be taken before the start of the work. The contractor supervisor shall work as a safety co-ordinator for the work.

SPECIAL CONDITIONS

Name Of Work: - Strengthening and widening of project road from MGR fuel station to STP junction at ITPS.

The period of contract is (3 months) 90 days, excluding 15 days for mobilization.

1. The contractor is required to mobilize his men, tools, equipment & machineries at work site within 15 days of the date of issue of LOI/Work order at the commencement of the contract, 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. 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.
2. All the vehicles & machineries used for the purpose of the work should have proper documents as per motor vehicle law & Industrial safety rules and driver should have professional driving license.
3. All materials brought to the work site by the contractor are to be recorded by concerned engineer and the same will be submitted with bill.
4. Separate JSA will be done as per the site condition to execute the work for medium and high-risk Location.
5. The raw material brought by the agency should be stacked properly at place Arranged by their own so as not to cause any inconvenience to the public or place working at the area.
6. All the Safety rules as per OPGC norms and regulation to be followed. All the workmen use PPE as per rule and safety requirement.
7. Gate pass procedure will be followed as per OPGC norms and regulations.
8. Security of contractor's equipment is of contractor's responsibility.
9. Agency has to make his own arrangement of construction water for the works.
10. Agency has to make his own arrangement for Daily transport of their manpower.
11. **No mobilization** and **demobilization** cost for the machineries will be paid by owner.
12. The quantity indicated in the **BOQ is tentative**, which may vary as per site requirement.
13. Before commencing the work, the Bidder shall obtain approved PTW from owner / representative of owner to minimize damage, disfiguration or staining of any other structure of govt or private properties.
14. Bidder shall also undertake normal precautions before commencing the job to prevent damage, disfiguration or staining to work of other local's trades or existing Structure, with no extra cost to owner.
15. Work should be carried out as per direction of Engineering In- Charge and intimation regarding progress of work should be imparted from time to time.
16. Any bad work / deviation from specification, notice during inspection should be rectified immediately without any extra cost implication.
17. If any damage occurs to work and structure of any Govt or Private should repair and finish good at his own cost.
18. The work shall be as per MoSRT&H (Latest revision) Technical Specification, relevant IS codes and good engineering practice.
19. **Performance guarantee: 12 calendar months** (01 years) from the date of completion of the whole work.

20. The bidder shall make their own arrangement for water, and power consuming equipments from different available location and the charges will be done by bidder.
21. Skilled work force with experienced supervisor and technical person should be deployed by the bidder with no extra cost to Owner.
22. All tools, tackles, brush, rollers, spray, buffing equipment's and other consumables are in the scope of Bidder, no extra claim shall be entertained by the client.
23. The bidder shall maintain and follow all safety regulations followed by owner without any extra cost to owner.
24. The bidder shall not claim extra for any wastage, damages of construction material.
25. The quantity in Bill of quantity may vary up to +/- 10 %.
26. All materials shall be subject to inspection, analysis and approved by the Owner and its representatives.
27. The Bidder shall arrange for safe and proper storage of all materials and tools. The storage space is also arranged by bidder, shall be adequately protected from damage, disfigurement & stains. All necessary precautions shall be taken by the Bidder to prevent fire.
28. Bidder shall be submitting Field Quality Plan and working schedule for approval to Owner and shall implement same during the work.
29. Bidder shall strictly follow the approved products/brand and approved drawings.
30. Bidder shall keep arrangement for regular housekeeping during and post work, to keep road area clean.
31. All necessary curing, dewatering and treatment if damaged or repair during of road work, needs to be done by the bidder with no extra cost to the owner.
32. The bidder needs to officially handover the structure / work area to the owner after completion of whole work.
33. With reference to NHAI Project Ministry vide circular no. NH-2408/03/2026-H, dated 01.04.2026, provisions of price escalation for bitumen only will be there. Price adjustment will be as per the Ministry Circular No. NH-24028/03/2026-H dated 01.04.2026, on submission of necessary supporting documents.

Formula for Price adjustment on Bituminous work:

The additional payment on Bituminous work shall be made every Month for changes in prices of Bitumen input in accordance with the formula given below:

$V = Q (Wf – Wo)$

Where,
V= Price adjustment for payment on Bituminous work
Q = Quantity of Bitumen consumed as per actual consumption (Not more than the approved Job Mix formula) (MT).
Wo = Price of Bitumen of nearest IOCL refinery on 01.03.2026 (Per MT).
Wf = Price of Bitumen for the nearest IOCL refinery as per the invoices for the period of work done (Per MT).

34. No price adjustment shall be admissible for items other than Bitumen.

BoQ (Bill of Quantities)					
Strengthening and Widening of Project Road from MGR Fuel Station to STP Junction at ITPS					
Sl No	**Description**	**Unit**	**Quantity**	**Rate (Rs.)**	**Amount (Rs.)**
1	**Bituminous Macadam (BM) :**				
	Providing & Laying of bituminous macadam with hot mix plant using crushed aggregates of specified grading premixed with bituminous binder of 60/70 penetration grade of bitumen (VG-30), transported to site, laid over a previously prepared surface with a hydrostatic paver finisher with sensor control to the required grade, level and alignment and rolling with smooth wheeled, vibratory and tandem rollers to achieve the desired compaction as per Clause 504 of MoSRT&H specifications for Road & Bridge Works (4th Revision). **Grading II - 19mm nominal size aggregates, VG-30 grade Bitumen @ 3.3% weight of mix**	Cum	148.000		
2	**Semi dense bituminous concrete (SDBC)**				
	Providing & laying Semi dense bituminous concrete with batch type Hot Mix Plant using crushed aggregates of specified grading, premixed with bituminous binder 0f 60/70 penetration grade bitumen (VG-30), transporting the hot mix to work site, laying with a Hydrostatic Paver finisher with sesor control to the required grade, level and alignment, rolling with smooth wheeled, vibratory and tandem rollers to achived the desired compaction as per clause No.508 of MoRT & H specification for road and bridge works (4th revision) including cost of all materials, conveyance, royalty, taxes, labour charges,T&P ,machinaries ,PPE etc complete in all respect as per direction of Engineer-In-Charge. **Grading II - 10mm nominal size aggregates, VG-30 grade Bitumen @ 6% weight of mix**	Cum	165.000		
3	**Providing and applying Primer coat with Bitumen Emulsion**				
	Providing and applying primer coat with bitumen emulsion on prepared surface of granular base including cleaning the road surface and spraying primer at the rate of 0.60 kg/ sqm using mechanical means as per clause 502 of MoSRT&H Specifications for Road & Bridge Work (4th Revision) including cost,conveyance taxes of all materials,labour charges,T&P, mechinaries etc complete as per direction of Engineer-In-Charge	Sqm	2,960.000		

4	**Providing and applying tack coat with Bitumen Emulsion**				
	Providing and applying tack coat with bitumen emulsion using emulsion pressure distributor at the rate of 0.20 kg/ sqm on the prepared bituminous / granular surface cleaned with mechanical broom as per clause 503 of MoSRT&H Specifications for Road & Bridge Work (4th Revision) including cost,conveyance taxes of all materials,labour charges,T&P, mechinaries etc complete as per direction of Engineer-In-Charge	Sqm	4,120.000		
5	**Cleaning existing granular base surface**				
	Cleaning existing granular vase surface including removal of binding materials and other foreign materials with wire brushes and small picks, sweeping with brooms or soft brushes and finally dusting with gunny bags and/or compressed air to receive bituminous treatment including cost of all labour, T&P, machinaries etc complete as per direction of Engineer- In Charge.	Sqm	4,120.000		
6	**Blinding road surface with sand**				
	Blinding road surface with sand 6mm thick including cost of sand, conveyance, royalty, taxes, labour charges,T&P, machinaries ,PPE etc complete in all respect as per direction of Engineer-In-Charge.	Sqm	4,120.000		
7	**Road marking with thermoplastic paint using manualy operated road marker trolley.**				
	Providing & applying approved brand and shade road marking paint (Thermo Plastic Paint) by Mechanical means using manualy operatied Road marker trolley including all cost of materials, labour, conveyance, taxes, T&P , machineries & PPEs etc complete in all respect as per direction of Engineer-In-Charge.	Sqm	131.000		
8	**Earth excavation in ordinary soil**				
	Earth work in excavation up to 1.5m depth in ordinary soil including dressing & levelling the bed & depositing the excavated materials within 50m. initial lead & 1.5m. initial lift with all cost, conveyance, tools & plants, labour, complete as per the direction of Engg.-in-charge.	Cum	2.000		
9	**Fabrication/ erection of iron work**				
	Supplying, Fabrication and erection of all type of Mild steel Iron work (sectional weight upto 19.8 kg/m) for all type of structures, sheds, grills, doors, fencing posts etc with approved quality (SAIL/ Equivalent make) steel structural, angles, channels, plates of all sections at all levels and elevations, painting with 2 (two) coats of high gross enamel paint over a coat of red oxide primer including all cost of materials, conveyance, labour charges, T & P, scaffoldings, sundries etc complete in all respect as per direction of Engg- In- Charge	Kg	2,569.000		
10	**PCC (1:2:4) 12 to 20mm graded HG chips**				

	Cement Concrete (1:2:4) using 12 to 20mm graded hard granite crusher broken chips including all cost, laying of concrete, watering, curing, conveyance, T & P, royalties of all materials required for the work, Scaffolding & labour charges etc complete as per direction of Engineer-in-charge	Cum	2.000		
	Total Amount (Rs.) Including GST				

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
Name of the work	"Strengthening and Widening of Project Road from MGR Fuel Station to STP Junction at ITPS"
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. 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.
2. In case of tie for L5 bid, all the bidders offering L5 will be allowed for e-RA.
3. 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.
4. 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.
5. Quotation once submitted through e-Reverse Auction cannot be withdrawn /deleted. Otherwise, the EMD submitted by the bidder shall stand forfeited.
6. 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.
7. Buyer reserves the rights to extend / cancel the e-Reverse Auction.
8. E-Reverse Auction shall be conducted in Indian Rupees only.
9. All prices submitted by Bidder in e-Reverse Auction shall be as per Tender's Terms & Conditions.
10. Validity of bids: As mentioned in Tender Document.
11. Written Confirmation shall be taken in advance regarding participation in the e-Reverse Auction to buyer along with the Authorized person name and details.

12. Buyer reserves the right to award the Purchase Order / Service Order as per buyer's discretion irrespective of Live Auction Rank.
13. Buyer reserves the right to repeat the e-Reverse Auction of same package.

14. **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.**
15. The bidders shall quote from their own offices/ place of their choice. Internet connectivity shall have to be ensured by bidders themselves.
16. 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.
17. 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.

18. 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.
19. 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.
20. 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.
21. 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.
22. 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.
23. 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.
24. 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.
25. 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:**

Signature Not Verified
Digitally signed by MANOJ KUMAR PRADHAN
Date: 2026.11.19 16:41:30 IST
Reason: Secure Document
Location: India