BID DOCUMENT

Name of the work: "Construction of 02 Two Nos of Culvert at Approach Road of Old Ash Pond".

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
manoj.pradhan@opgc.co.in
pradipta.mohanty@opgc.co.in

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	Construction of 02 nos of Culvert at Approach Road of Old Ash Pond	As specified in MSTC	1,86,000/-

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.

Name of the work: "Construction of 02 nos of Culvert at Approach Road of Old Ash Pond"

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 and/or ongoing *Similar Nature of Works during the preceding seven (07) years as on the date of Techno-Commercial Bid Opening. Credentials for successful executed the supply must be submitted along with the Bid. Relevant PO copy and Client's completion certificate, certificate for ongoing works 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 Rs. 37 Lakhs. OR b) Two completed similar works costing not less than Rs. 46 Lakhs. OR c) Single completed similar works costing not less than Rs. 74 Lakhs.
2.2.2	Order copies and satisfactory completion certificate with executed value & completion date, issued by the client to be submitted as supporting documentary evidence along with the technical bid
*Similar Work	Similar works means civil projects includes industrial/residential construction of structural work, construction of RCC culverts/bridges, retaining walls, RCC walls.
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-2022-23, FY-2023-24 and FY-2024-25 of minimum Rs. 27 Lakhs (30% of the estimated cost). 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, 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.

SPECIAL CONDITIONS

Name Of Work: **Construction of 2 nos of culvert at approach road of old ash pond.**

1. The period of contract is 8 months (excluding rainy season), excluding 7 days for mobilization.
2. The contractor is required to mobilize his men, tools, equipment & machineries at work site within 7 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.
3. All the vehicles & machineries used for the purpose of the work should have proper documents and driver should have professional license.
4. All materials brought into the plant by the contractor are to be recorded in the main plant gate the same will be submitted with bill.
5. Separate JSA will be done as per the site condition to execute the work for medium and high risk jobs.
6. The raw material brought by the agency should be stacked properly at place shown by department Personal so as not to cause any inconvenience to other people working in the area.
7. Safety PPE to be followed as per OPGC norms and regulation.
8. Gate pass will be followed as per OPGC norms and regulations.
9. Security of contractor's equipment, etc is of contractor's responsibility.
10. Agency has to make his own arrangement of construction water for the works from available points only. Water source point will be shown by EIC.
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 the approval of the owner and representative of owner in writing regarding the schedule of work to minimize damage, disfiguration or staining by other trades.
14. Bidder shall also undertake normal precautions to prevent damage, disfiguration or staining to work of other trades or other installations, 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 other agencies like mechanical, electrical then bidder should repair and finish good at his own cost.
18. 28 days curing should be ensured in concrete surface.
19. The work shall be as per Technical Specification, relevant IS codes and Good engineering practice.
20. **Performance guarantee: 12 calendar months** (01 years) from the date of completion of the work.
21. The bidder shall make arrangement for **water, and power consuming** equipments at its own cost.
22. Skilled work force with experienced supervisor and technical person should be deployed by the bidder with no extra cost to Owner.
23. 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.
24. The bidder shall maintain and follow all safety regulations followed by owner without any extra cost to owner.
25. The bidder shall not claim extra for any wastage, damages of construction material.

26. The quantity in Bill of quantity may vary up to +/- 10 %.
27. All materials shall be subject to inspection, analysis and approved by the Owner and its representatives.
28. The Bidder shall arrange for safe and proper storage of all materials and tools. The storage space if allotted within the project premises shall be adequately protected from damage, disfigurement & stains. All necessary precautions shall be taken by the Bidder to prevent fire.
29. Bidder shall be submitting Field Quality Plan for approval to Owner and shall implement same during the work.
30. Bidder shall strictly follow the approved products/brand and approved drawings.
31. Bidder shall keep arrangement for regular housekeeping during and post work, to keep plant area clean.
32. All necessary curing and treatment needs to be done by the bidder with no extra cost to the owner.
33. The bidder needs to officially handover the structure / work area to the owner after completion of work.

TECHNICAL SPECIFICATION

Name Of Work: **Construction of 2 nos of culvert at approach road of old ash pond.**

The agency has to do the following jobs as per direction of Engineer-in-charge.

1. The cement used for work shall be Portland Pozzolana cement (PPC GRADE- 53) :)- ACC/ ULTRATECH/RAMCO/JAYPEE/ GUJARAT AMBUJA/LAFARGE or any brand approved by EIC.
2. Sand should be free from clay, mica, vegetable and organic matter or any other foreign matter
3. Portable water should be used for mixing and curing cement works.
4. RCC work should be executed in **M25 grade** with 12-20mm grade black hard granite crusher broken chips approved by civil execution Or approved by EIC.
5. PCC work should be executed in **M10** grade with 12-20mm grade black hard granite crusher broken chips approved by civil execution Or approved by EIC.
6. High strength deformed TMT bars of Grade **Fe – 500D of IS 1786-2008**. (SAIL/ JINDAL/ TATA TISCON Or any brand approved by EIC).
7. The curing shall be ensured for a minimum period of 21 days.
8. Any defective materials brought to the site should be removed by the agency at the instance of department.
9. Contractor has to arrange materials required to complete the work.
10. The agency has to arrange the cement required to complete the work.
11. All the materials required for the work are to be approved by concerned Engineer before use.
12. 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.
13. Agency has to make his own arrangement of construction water for the works from available points only.
14. One experienced supervisor should be deployed at the site for supervision and taking care of all the aspects.
15. PTW must be taken before the start of the work. The contractor supervisor shall work as a safety co-ordinator for the work.

Bill of Quantities (BoQ)					
Name of Work- Construction of 2 nos of culvert at approach road of old ash pond.					
Sl No	**Item Description**	**Unit**	**Quantity**	**Rate**	**Amount**
1	Excavation, loading, unloading and carriage by mechanical means of all kinds of soil, including stoney earth, gravel and moorum etc interspread with boulders with all lifts and delifts including trimming of slopes and bed to design section and depositing the the excavated materials away from work site as per the specification and as directed by the Engineer in- charge within an initial lead of 1km from the place of excavation complete.	Cum	1302.00		
2	Backfilling in foundation and retaining wall with excavated materials and bottom/fly ash including watering & ramming as directed by the Engineer-in-charge.	Cum	1481.00		
3	Providing and laying plain cement concrete (1:3:6) using 25- 40mm size hard granite crusher broken metal including all cost, conveyance, taxes and labour charges etc. complete as per direction of Engineer-in-charge.	Cum	38.73		
4	R.C.C. work of M-25 grade with 20mm and down grade black hard granite (crusherbroken) stone chips including hoisting and laying including all cost, conveyance, taxes and labour charges excluding cost of reinforecement steel and scaffolding etc. complete as per direction of Engineer-in-charge.	Cum	344.10		
5	Supplying ,fitting and placing uncoated HYSD bar reinforcement complete as per drawing and technical specification.	Qntl	366.30		
6	Providing and fixing strong, rigid, smooth, levelled, and plumbed CENTERING AND SHUTTERING (Form work) including dismantling the same after the required intervals from the date of casting including cost of all materials, labour, conveyance, loading and unloading, taxes, royalties, scaffolding, sundries, tools and plants, etc., complete as per the direction of the Engineer-in-charge	Sqm	1641.60		
7	Random rubble H.G. stone Masonry in cement mortar (1:5) for protection of embankment as per direction of Engineer in Charge.	Cum	21.00		
8	Providing, laying and spreading moorum and consolidation with HRR including watering but excluding cost and conveyance of moorum as per direction of Engineer-In-Charge.	Cum	36.00		

9	Bern sub base preparation & laying granular sub base of 100mm/200mm/250mm compacted thickness as per MoRth specification with specific graded stone metal including conveying metal to the site, spreading in uniform layers on prepared surface, watering and compacting to acchieve desired density oncluding all material, labour, machinery with all leads and lifts as per direction of Engineer-In-Charge.	Cum	36.00		
10	Supplying and fixing 15cm dia 1.50m long guard posts of RCC (1:2:4) using 7.5Kg of steel for each guard post with 12mm size black hard granite stone chips including cost of all reinforcement and materials centering shuttering and watering carrying painting etc complete as per direction of Engineer-In-Charge.	Nos	16.00		
		Total Amount			
		Add CGST 9%			
		Add SGST 9%			
		Grand Total 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	Construction of 02 nos of Culvert at Approach Road of Old Ash Pond
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: 2026.11.13 15:23:48 IST
Reason: Secure Document
Location: India