BID DOCUMENT

Name of the Work: "Extension of STP Treated Water Supply pipeline ITPS Colony"

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
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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.

Sl. No	Name of the Work	Tender Cost (Rs.)	EMD (Rs.)
1	Extension of STP treated water supply pipeline ITPS Colony	As per MSTC terms	Rs. 48,500/-

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: Extension of STP treated water supply pipeline ITPS Colony

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	Bidder must have executed *Similar Work (defined below) in the last seven (07) years in any thermal power plant/other industries of repute as on the date of Techno-Commercial Bid Opening. Credentials for successfully executed similar nature of works 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 Rs.10 Lakh. OR b) Two completed similar works costing not less than Rs.12.2 Lakh. OR c) Single completed similar works costing not less than Rs.19.5 Lakh.
*Similar Work	Similar works means Laying of water pipeline.
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 Rs.7.3 Lakh. 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.

SPECIAL CONDITIONS OF CONTRACT (SCC)

Extension of STP Treated Water Supply Pipeline ITPS Colony

1. General Terms & Condition

- The stipulated contract period of work is 06 (Six) months from date of issue of LOA/Wok Order except 15 days for mobilization.
- All the rates mentioned in the contract/work order shall remain firm throughout the contract period.
- 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.
- Contractor has to arrange all machineries and T&P required for the work with validity document.
- 5% of the gross bill amount shall be withheld towards statutory dues, which will be refunded after submission of authenticate document by the contractor.
- 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.
- 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.

2. Scope of Work

- Supply, laying, jointing, testing and commissioning of HDPE pipeline for STP treated water supply.
- Excavation of trenches in all types of soil.
- Providing and laying bedding material wherever required.
- Lowering, aligning and jointing of pipes and fittings.
- Supply and installation of valves, specials, air valves, sluice valves, quick coupling valves and allied accessories.
- Construction/restoration of chambers wherever required.
- Hydrostatic testing, flushing and commissioning of the pipeline.
- Restoration of roads, drains, berms and all disturbed areas to original condition.
- Shifting/protection of existing utilities encountered during execution.
- Providing all labour, machinery, tools, tackles, transportation, consumables and safety arrangements required for successful completion of work.

3. Time of Completion

- The time of completion of the work shall be as specified in the Notice Inviting Tender (NIT) / Work Order.
- The contractor shall submit a detailed work programme/bar chart within 7 days from the date of issue of Letter of Acceptance/Work Order.

- The contractor shall deploy sufficient manpower, machinery and materials to complete the work within the stipulated time.
- Delay attributable to the contractor shall attract penalty/liquidated damages as per tender conditions.

4. Site Conditions and Working Restrictions

- The work may have to be carried out in operational plant areas, road crossings, utility corridors and congested locations. The contractor shall plan and execute the work without disturbing ongoing operations.
- The contractor shall take all precautions to avoid damage to existing underground/over ground utilities such as water lines, drains, electrical cables, communication cables and pipelines.
- Any damage caused to existing structures/utilities due to negligence of the contractor shall be repaired/reinstated by the contractor at his own cost.
- Barricading, caution boards, blinkers and traffic diversion arrangements wherever required shall be arranged by the contractor.
- The contractor shall maintain proper housekeeping at site throughout the execution period.

5. Testing and Commissioning

- The entire pipeline system shall be hydrostatically tested section-wise or as directed by the Engineer-in-Charge.
- Testing pressure, duration and acceptable pressure drop shall be as per relevant IS codes/specifications.
- Any leakage or defect observed during testing shall be rectified by the contractor at his own cost.
- The pipeline shall be flushed and cleaned before commissioning.
- The work shall be considered complete only after successful testing and commissioning.

6. Measurement and Payment

- Measurement of pipeline shall be made on the basis of actual centre line length laid and
- Rates quoted by the contractor shall be inclusive of all labour, materials, machinery, transportation, loading/unloading, royalty, taxes, duties, testing, commissioning, safety measures and all incidental charges required for completion of work.
- No extra payment shall be made for dewatering, shoring, barricading, traffic management,
- Payment shall be made based on actual executed quantities duly certified by the Engineer-in-Charge.
- Statutory deductions such as GST-TDS, Income Tax, Labour Cess and other applicable recoveries shall be made from contractor bills.

7. Quality Control

- The contractor shall maintain quality of work as per specifications and instructions of the Engineer-in-Charge.
- The Engineer-in-Charge shall have the right to inspect materials and workmanship at any
- The contractor shall provide all assistance, testing equipment and manpower required for inspection/testing.
- Defective work shall be dismantled and redone by the contractor at his own cost.

8. Statutory Compliance

- The contractor shall obtain all required permissions, licenses, labour registrations and statutory approvals related to execution of work.
- Compliance with EPF, ESI, Minimum Wages Act, Contract Labour Act and other applicable labour laws shall be the sole responsibility of the contractor.
- The contractor shall indemnify the employer against any liability arising out of non-compliance of statutory provisions.

9. Defect Liability Period

- The defect liability period shall be 12 months from the date of successful completion and handing over of work unless otherwise specified.

- Any defect noticed during the defect liability period shall be rectified by the contractor at his own cost within the stipulated time.

10. Recovery for Non-Performance

- In case of poor progress, inadequate manpower or non-performance, the Engineer-in-Charge may instruct the contractor to augment resources.
- If the contractor fails to comply, the employer reserves the right to deploy alternate arrangements at the risk and cost of the contractor.

11. Clearance and Handing Over

- Upon completion of work, the contractor shall clear all surplus materials, debris, temporary structures and waste from site.
- The contractor shall submit as-built drawings, test reports and completion documents before final handing over.
- Final payment shall be processed only after successful completion, testing, restoration and site clearance.

OPGC
Power for Progress

TECHNICAL SPECIFICATION

EXTENSION OF STP TREATED WATER SUPPLY PIPELINE

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1. GENERAL

1.1 Scope of Work

The scope of work under this tender includes supplying, laying, jointing, testing and commissioning of HDPE pipeline network for distribution of treated water from STP within the project area including all allied civil and mechanical works complete in all respect as per approved drawings and direction of Engineer-in-Charge.

The work broadly includes:

- Earthwork excavation for pipeline trenches.
- Supply and laying of 75 mm dia HDPE pipeline.
- Supply and laying of 32 mm dia HDPE branch pipeline.
- Providing sand bedding and backfilling.
- Supply and installation of valves and fittings.
- Dismantling of RCC structures wherever required.
- PCC works for valve chambers and miscellaneous structures.
- Testing, flushing and commissioning of pipeline.
- Restoration of damaged surfaces and disposal of surplus earth/debris.

The contractor shall provide all labour, materials, machinery, tools and tackles, transportation, consumables and supervision required for successful completion of the work.

2. APPLICABLE CODES AND STANDARDS

All materials and workmanship shall conform to the latest editions of relevant Indian Standards and CPWD/OPWD specifications.

The following standards shall be applicable:

Sl. No.	Standard	Description
1	IS 4984	HDPE Pipes for Water Supply
2	IS 14885	HDPE Fittings for Potable Water Supplies
3	IS 12288	Code of Practice for HDPE Pipe Installation
4	IS 780	Sluice Valves for Water Works Purposes
5	IS 14846 / Relevant IS	Resilient Seated Sluice Valves
6	CPWD Specifications	Civil and Pipeline Works
7	OPWD Specifications	Civil Engineering Works
8	IS 783	Air Valves for Water Supply
9	IS 269 / IS 8112	Cement Specifications
10	IS 383	Coarse and Fine Aggregates

In case of conflict between specifications and standards, the decision of Engineer-in-Charge shall be final.

3. TECHNICAL SPECIFICATIONS OF MATERIALS

3.1 HDPE Pipes

3.1.1 General

HDPE pipes shall be PE-100 grade conforming to IS 4984 with suitable pressure rating as approved by Engineer-in-Charge.

3.1.2 Diameter

- Main Line: 75 mm dia HDPE Pipe
- Branch Line: 32 mm dia HDPE Pipe

3.1.3 Pipe Requirements

- Pipes shall be manufactured from virgin raw material.
- Pipe surface shall be smooth and free from cracks, pinholes, blisters or defects.
- Pipe shall withstand hydraulic pressure tests as per IS standards.
- All pipes shall be properly marked with manufacturer name, size, class, batch number and ISI mark.

3.1.4 Jointing

Jointing shall be carried out by compression fittings/electrofusion/butt fusion as approved by Engineer-in-Charge.

The contractor shall ensure:

- Leak proof joints.
- Proper alignment.
- Cleaning of pipe ends before jointing.
- Use of approved fittings only

3.2 HDPE Fittings

All fittings such as bends, tees, reducers, couplers, elbows, end caps and adaptors shall conform to relevant IS standards and shall be compatible with HDPE pipe material and pressure rating.

Only approved makes shall be used.

3.3 Sluice Valves

3.3.1 General

75 mm dia sluice valves shall conform to relevant IS standards for water works purpose.

3.3.2 Requirements

- Body shall be of cast iron/ductile iron.
- Non-rising spindle type.
- Suitable for underground water supply application.
- Flanged or compression end as approved.
- Valve shall be tested for hydraulic pressure.

3.3.3 Installation

Valves shall be installed at locations shown in drawing or as directed by Engineer-in-Charge.

Valve chambers shall be constructed wherever required.

3.4 Air Relief Valve

32 mm dia CI air relief valves shall conform to relevant IS standards.

The valves shall:

- Be suitable for water distribution system.
- Be capable of releasing trapped air automatically.
- Be installed at high points of the pipeline.
- Include all fittings, nipples, sockets and accessories.

3.5 Branch Ball Valve

32 mm dia branch ball valves shall be:

- Heavy duty type.
- Suitable for water distribution applications.
- Leak proof and corrosion resistant.
- Provided with operating handle.

3.6 Quick Coupler Valve

Quick coupler valves of 32 mm dia shall be suitable for irrigation/water distribution use.

The contractor shall provide:

- Complete coupler assembly.
- Rubber sealing arrangement.
- Proper locking arrangement.
- All accessories required for operation.

3.7 Cement

Cement used shall conform to IS specifications and shall be OPC/PPC as approved.

The cement shall:

- Be fresh and free from lumps.
- Be stored in dry condition.
- Not be used beyond permissible storage period.

3.8 Fine Aggregate

Sand shall be clean, hard, durable and free from organic impurities, silt and clay.

3.9 Coarse Aggregate

Coarse aggregates shall consist of hard broken stone conforming to IS 383.

4. EARTHWORK AND TRENCHING

4.1 Excavation

Excavation for pipe trenches shall be carried out to required width and depth as shown in drawings or as directed by Engineer-in-Charge.

The contractor shall:

- Remove all obstructions.
- Maintain proper line and level.
- Provide shoring/strutting wherever necessary.
- Protect nearby structures and utilities.
- Keep trenches free from water.

Typical trench dimensions shall be suitable for proper laying and jointing of pipes.

4.1.1 Safety Precautions

- Barricading and caution boards shall be provided.
- Night warning lights shall be installed where required.
- Proper traffic diversion shall be maintained.

4.2 Sand Bedding

Sand bedding shall be provided below the pipeline as specified.

The bedding shall:

- Consist of clean sand.
- Be compacted properly.
- Provide uniform support to the pipeline.

Thickness shall be as directed by Engineer-in-Charge.

4.3 Pipe Laying

Pipes shall be laid true to line and level.

The contractor shall ensure:

- Proper alignment.
- No damage to pipes during handling.
- Proper support during laying.
- Clean interior before laying.

Pipeline shall be laid with approved slope wherever required.

4.4 Backfilling

Backfilling shall be carried out after testing and approval of laid pipeline.

The backfill material shall:

- Be free from stones and debris.
- Be compacted in layers.
- Not damage the pipeline.

Compaction shall be done to achieve proper settlement.

5. CIVIL WORKS

5.1 Plain Cement Concrete

PCC of nominal mix 1:2:4 using 12 mm to 20 mm graded aggregate shall be used wherever specified.

The work shall include:

- Mixing.
- Laying.
- Compacting.
- Finishing.
- Curing.

Minimum curing period shall be 7 days.

5.2 Dismantling of RCC

Existing RCC structures encountered during execution shall be dismantled carefully.

The contractor shall:

- Avoid damage to nearby structures.
- Stack reusable materials separately.
- Dispose debris at approved location.
- Maintain site cleanliness.

6. TESTING AND COMMISSIONING

6.1 Hydraulic Testing

The completed pipeline shall be hydraulically tested before commissioning.

The contractor shall:

- Fill pipeline slowly with water.
- Remove trapped air.
- Maintain specified test pressure.
- Check all joints and fittings.

Any leakage observed shall be rectified by contractor at no extra cost.

6.2 Flushing

The entire pipeline shall be thoroughly flushed before commissioning.

6.3 Commissioning

After satisfactory testing and flushing, the system shall be commissioned in presence of Engineer-in-Charge.

7. MEASUREMENT

Measurement shall be carried out as per relevant IS codes and standard engineering practice.

- HDPE pipeline shall be measured in running meter.
- Earthwork shall be measured in cubic meter.
- PCC shall be measured in cubic meter.
- Valves and fittings shall be measured in numbers.

No extra payment shall be made for wastage, cutting, threading, jointing or testing unless specifically provided in BOQ.

8. QUALITY CONTROL

The contractor shall maintain proper quality control during execution.

Engineer-in-Charge may inspect:

- Material quality.
- Pipe thickness.
- Joint quality.
- Alignment and levels.
- Testing procedures.

Rejected materials shall be removed immediately from site.

9. SAFETY REQUIREMENTS

The contractor shall comply with all safety regulations.

Necessary PPE such as:

- Safety helmet.
- Safety shoes.
- Gloves.
- Reflective jackets.

Shall be provided to workers.

The contractor shall be fully responsible for safety of labour, equipment and public during execution.

10. CLEANING AND SITE RESTORATION

After completion of work, the contractor shall:

- Remove all surplus materials.
- Dispose debris.
- Restore damaged roads, drains and surfaces.
- Clean the work site completely.

No additional payment shall be made for site restoration.

11. GUARANTEE

The contractor shall guarantee the entire work against defective materials, workmanship and leakage for a period specified in the tender document from the date of successful commissioning.

Any defects observed during guarantee period shall be rectified by contractor at no extra cost.

12. APPROVED MAKES

The maker of pipes, valves and fittings shall be approved by Engineer-in-Charge prior to procurement.

Equivalent makes may be accepted subject to approval.

13. BILL OF QUANTITIES (SUMMARY)

Sl. No.	Description	Approx. Quantity
1	Earthwork Excavation	1350 Cum
2	Backfilling with Excavated Earth	450 Cum
3	Sand Filling	90 Cum
4	PCC (1:2:4)	15 Cum
5	Dismantling RCC	10 Cum
6	75 mm dia HDPE Pipe	3375 Mtr
7	32 mm dia HDPE Pipe	1125 Mtr
8	32 mm dia Air Relief Valve	6 Nos
9	32 mm dia Branch Ball Valve	6 Nos
10	75 mm dia Sluice Valve	6 Nos
11	32 mm dia Quick Coupler Valve	90 Nos

14. COMPLETION

The contractor shall complete the entire work within the stipulated time period mentioned in the tender document including testing and commissioning.

Delay in completion shall attract penalty as per tender conditions.

Extension of STP treated water supply pipe line at ITPS Colony					
BoQ (Bill of Quantities)					
Sl No	**Description**	**Unit**	**Quantity**	**Rate (Rs.)**	**Amount (Rs.)**
1	**Earth work excavation in hard/ gravel soil.**				
	Earth work in excavation in foundation in hard soil or gravel soil including dressing & leveling the bed & depositing the excavated materials within 50m. initial lead & 1.5m. initial lift as per the direction of Engg.-in-charge.	Cum	1,350.00		
2	**Back Filling of Excavated Soil**				
	Filling foundation and plinth with excavated earth including watering and ramming all cost, conveyance, taxes and labour charges etc. complete as per direction of Engineer-in-charge.	Cum	450.00		
3	**Filling foundation and plinth with sand**				
	Filling foundation and plinth with sand including all cost, conveyance, taxes and labour charges etc. complete as per diection of Engineer-in-charge.	Cum	90.00		
4	**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	15.00		
5	**Dismantling and removing RCC**				
	Dismantling and removing RCC including stacking the useful materials for reuse and removing the debris incluidng all cost convence, taxes and labour charges etc complete as per direction of EIC..	Cum	10.00		
6	**Supplying and fixing 75mm dia HDPE Pipe**				
	Supplying and fixing 75mm dia HDPE Pipe to connect the tank including all cost, conveyance, taxes, labour charges and all Fittings etc. complete as per drection of Engineer-in-charge.	Mtr	3,375.00		
7	**Supplying and fixing 32mm dia HDPE Pipe**				
	Supplying and fixing 32mm dia HDPE Pipe to connect the tank including all cost, conveyance, taxes, labour charges and all Fittings etc. complete as per drection of Engineer-in-charge.	Mtr	1,125.00		
8	**Supplying and fixing of CI Air Relief Valve (32mm)**				
	Supplying and fixing of CI Air Relief Valve 32mm dia conforming to IS14845:2000 for water works purpose at any location including all cost, conveyance, taxes and labour charges etc complete as per direction of Engineer-in-charge.	EA	6.00		
9	**Supplying and fixing of Branch Ball Valve (32mm)**				

	Supplying and fixing of Branch Ball Valve 32mm dia conforming to IS14845:2000 for water works purpose at any location including all cost, conveyance, taxes and labour charges etc complete as per direction of Engineer-in-charge	EA	6.00		
10	**Supplying and fixing of Sluice Valve (75mm)**				
	Supplying and fixing of Sluice Valve 75mm dia conforming to IS14845:2000 for water works purpose at any location including all cost, conveyance, taxes and labour charges etc complete as per direction of Engineer-in-charge.	EA	6.00		
11	**Supplying and fixing of Quick Coupler Valve (32mm)**				
	Supplying and fixing of Quick Coupler Valve 32mm dia conforming to IS14845:2000 for water works purpose at any location including all cost, conveyance, taxes and labour charges etc complete as per direction of Engineer-in-charge.	EA	90.00		
		TOTAL			
		GST @ 18%			
		TOTAL INCLUDING GST (In Rs.)			

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	Extension of STP treated water supply pipeline ITPS Colony
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: 2026.11.18 15:24:58 IST
Reason: Secure Document
Location: India