

**Bid Specifications for
Supply & Installation of Water Tank and Pipe Lines for
Solar Hot Water Systems at Jawahar Navodaya Vidyalaya,
Lohardaga, Jharkhand.**

(JREDA)

Government of Jharkhand

Tender reference no.: 06/JREDA/SHWS/JNV/23-24



Jharkhand Renewable Energy Development Agency (JREDA)

3rd Floor, S.L.D.C. Building, Kusai Colony, Doranda, Ranchi-834002.

Ph.: 0651-2491161, Fax: 0651-2491165,

E-mail: info@jreda.com; Website: www.jreda.com

CONTENT

GENERAL TERMS AND CONDITIONS.....	6
I TECHNICAL.....	6
II EXPERIENCE:.....	6
III TURNOVER:.....	7
IV. NET WORTH: BIDDER SHOULD HAVE POSITIVE NET WORTH.....	7
OTHER CONDITIONS.....	7
CHECK LIST.....	13
FORMAT FOR FINANCIAL REQUIREMENT - ANNUAL TURNOVER.....	14
DETAILS OF ORDERS RECEIVED AND EXECUTED IN LAST 7 YEARS.....	15
FINANCIAL BI.....	16
FORMAT FOR SUBMITTING BANK GUARANTEE FOR EARNEST MONEY DEPOSIT.....	17
CERTIFICATE OF DELIVERY OF ITEM NAME.....	19
CERTIFICATE OF SUCCESSFUL SUPPLY OF MATERIALS.....	20

Govt. of Jharkhand
Energy Department
Jharkhand Renewable Energy Development Agency (JREDA)
3rd Floor, S.L.D.C. Building, Kusai Colony, Doranda, Ranchi-834002.
Ph.: 0651-2491161, Fax: 0651-2491165,
E-mail: info@jreda.com; Website: www.jreda.com

Short Tender Notice

Tender reference no.: 06/JREDA/SHWS/JNV/23-24

Dated: 03.05.2023.

Tender are invited by JREDA under in two bid systems i.e. (Technical & Financial bid) from financially sound, and experience firms/Agency/Contractor for Supply & Installation of Water Tank and Pipe Lines for Solar Hot Water Systems at Jawahar Navodaya Vidyalaya, Lohardaga, Jharkhand. On the terms and conditions mentioned in the tender document, the detail are as below:-

1	Name of the work	Supply & Installation of Water Tank and Pipe Lines for Solar Hot Water Systems at Jawahar Navodaya Vidyalaya, Lohardaga, Jharkhand.
2	Tentative estimate cost (Rs.)	Rs. 7.66 Lakh
3	Completion of work	30 (Thirty) days
4	Date of publication of Tender on website: www.jreda.com	08.05.2023 (Monday)
5	Last date & time for receipt of bids	22.05.2023 (Monday)
6	Tender Opening Date	23.05.2023 (Tuesday)
7	Name & address of office inviting tender	Director, Jharkhand Renewable Energy Development Agency(JREDA) 3 rd Floor, SLDC Building, Kusai, Doranda, Ranchi- 834002 (Jharkhand)
8	Contact no. of procurement officer	0651-2491163/67/61/9570086777
9	Helpline no. of e-procurement	0651-2491163/67/61

Any corrigendum/addendum can be seen on website: www.jreda.com. Further details can be seen on website: www.jreda.com

Sd/-
Director,
JREDA, Ranchi

Section -1: List of Important dates & details of Bids

NIB No: 06/JREDA/SHWS/JNV/23-24

1.	Name of work	Supply & Installation of Water Tank and Pipe Lines for Solar Hot Water Systems at Jawahar Navodaya Vidyalaya, Lohardaga, Jharkhand.	
2	Tender reference no.	06/JREDA/SHWS/JNV/23-24	
3	Completion period	30 (Thirty) days	
4	Mode of submission of tender	Offline	
5	Tender fee	❖ For General Bidder: Rs. 5,000/- (Five Thousand) only. ❖ For MSEs of Jharkhand: Nil.	
6	Earnest Money Deposit	❖ For General Bidder: Rs. 15500.00(Fifteen Thousand Five Hundred only) only ❖ For MSEs of Jharkhand: Nil.	
7	Publishing on website	08.05.2023 (Monday)	
8	Period of downloading of bidding documents	08.05.2023 (Monday)	
9	Bid offline submission	22.05.2023 (Monday)	
10	Technical bid opening date	23.05.2023 (Tuesday)	
11	Authority inviting bids	Director, Jharkhand Renewable Energy Development Agency (JREDA)	
12	Address	Jharkhand Renewable Energy Development Agency (JREDA) 3 rd Floor, SLDC Building, Kusai, Doranda, Ranchi- 834002. Ph. No: 2491161, Fax No: 0651-2491165 Web site: www.jreda.com E-mail: info@jreda.com	

Note:

- The Tender Fee & EMD in original must be **submitted on or before 22.05.2023** up to 5.00 P.M. If tender fee and EMD are not received before mentioned date and time, tender shall be considered invalid. MSE seeking exemption from Bid fee & EMD, shall submit documentary evidence supporting the exemption.
- This Bank Guarantee must include SFMS (Structural Financial Management System) as per JREDA Bank Details Which is as:
Name of Bank: State Bank of India
IFSC Code: SBIN0009010
Branch Details: Ashok Nagar Branch, Ranchi

Place for receiving Tender fee & EMD:

Jharkhand Renewable Energy Development Agency (JREDA), 3rd Floor, SLDC Building, Kusai, Doranda, Ranchi- 834002.

- Technical bid and financial bid must be included in separate envelope superscribed on each envelope the NIB no., Name of work & Technical & Financial parts. Both these envelopes are then enclosed in a single envelope superscribing NIB no. & Name of work.

JHARKHAND RENEWABLE ENERGY DEVELOPMENT AGENCY (JREDA)

3rd Floor, SLDC Building, Kusai, Doranda, Ranchi- 834002.

Ph.No: 2491161, Fax No: 0651-2491165

www.jreda.com, E-mail: info@jreda.com

NIB No: 06/JREDA/SHWS/JNV/23-24

Jharkhand Renewable Development Agency incorporated as a society under the Society Act, 1860 under the administrative control of the Department of Energy, Govt. of Jharkhand for promoting use of renewable energy sources and having its registered office at Kusai Colony, Doranda, Ranchi, Jharkhand-834002.

JREDA invites tender in two parts for Supply & Installation of Water Tank and Pipe Lines for Solar Hot Water Systems at Jawahar Navodaya Vidyalaya, Lohardaga, Jharkhand.

Sealed bids are invited from financially sound firms having experience of similar nature of work for the following:

Description	Qty
Providing and fixing Chlorinated Polyvinyl Chloride (CPVC) pipes, having thermal stability for hot & cold-water supply including all CPVC plain & brass threaded fittings This includes jointing of pipes & fittings with one step CPVC solvent cement, trenching, refilling & testing of joints complete as per direction of Engineer in Charge. External work 25mm nominal dia pipes Per Meter	500 mtr
Providing and fixing G.I. pipes complete with G.I. fittings and clamps, V/c cutting and making good the walls etc. Internal work Exposed on wall 15 mm dia nominal bore Per Meter	100 mtr
Providing and fixing Chlorinated Polyvinyl Chloride (CPVC) pipes, having thermal stability for hot & cold-water supply including all CPVC plain & brass threaded fittings This includes jointing of pipes & fittings with one step CPVC solvent cement, trenching, refilling & testing of joints complete as per direction of Engineer in Charge. External work 32mm nominal dia pipes Per Meter	975 mtr
Providing and placing on terrace (at all floor levels) polyethylene water storage tank, IS: 12701 marked, with cover and suitable locking arrangement and making necessary holes for inlet, outlet and overflow pipes but without fittings and the base support for tank Per Litre	13000 L

Terms & conditions:

1. Tender documents can be purchased from the office of the undersigned during office hours on any working day till the day before submission of the tender after depositing the cost of Tender document (Non-refundable) in the shape of Bank Draft in favor of Director, JREDA payable at Ranchi. Tender document can also be downloaded from JREDA Website (www.jreda.com). In that case, the cost of the document in the form of DD is to be enclosed with the technical part of the bid.
2. postal request for issue of Tender document will be entertained.
3. The tender must be accompanied with the Earnest Money Deposit (refundable) in shape of Bank Guarantee or Demand Draft issued from any Indian nationalized/scheduled bank in favor of Director, JREDA payable at Ranchi. Proof of EMD must be attached with tender documents otherwise the tender will be rejected without assigning any reason thereof.
4. The undersigned reserves the right to issue the tender document /extend the date of sale/submission of tender/opening of tender and cancellation of tender without assigning any reason thereof.

Sd/-
Director,
JREDA, Ranchi

JHARKHAND RENEWABLE ENERGY DEVELOPMENT AGENCY (JREDA)
3rd Floor, SLDC Building, Kusai, Doranda, Ranchi- 834002.
Ph.No: 2491161, Fax No: 0651-2491165
Web site: www.jreda.com, E-mail: info@jreda.com

NIB No: 06/JREDA/SHWS/JNV/23-24

GENERAL TERMS AND CONDITIONS

Introduction:

Supply & Installation of Water Tank and Pipe Lines for Solar Hot Water Systems at Jawahar Navodaya Vidyalaya, Lohardaga, Jharkhand.

Site details:

Site Name : Jawahar Navodaya Vidyalaya, Lohardaga
Location : Distt. Lohardaga, Jharkhand
Capacity : 16000 LPD
Nearest railway station : 13 KM from Lohardaga railway station, Jharkhand
Latitude : 23.3661N
Longitude : 84.6458E

Location of Supply:

Delivery of the material shall be at Jawahar Navodaya Vidyalaya, Lohardaga, Jharkhand.

Technical description

JREDA has a requirement for the Supply & Installation of Water Tanks and Pipe Lines for Solar Hot Water Systems at Jawahar Navodaya Vidyalaya, Lohardaga, Jharkhand.

The prerequisite condition has been detailed below:

ELIGIBILITY CRITERIA:

i Technical

- a) Providing and fixing Chlorinated Polyvinyl Chloride (CPVC) pipes, having thermal stability for hot & cold-water supply including all CPVC plain & brass threaded fittings This includes jointing of pipes & fittings with one step CPVC solvent cement, trenching, refilling & testing of joints complete as per direction of Engineer in Charge. External work 25mm nominal dia pipes Per Meter.
- b) Providing and fixing G.I. pipes complete with G.I. fittings and clamps, V/c cutting and making good the walls etc. Internal work Exposed on wall 15 mm dia nominal bore Per Meter.
- c) Providing and fixing Chlorinated Polyvinyl Chloride (CPVC) pipes, having thermal stability for hot & cold-water supply including all CPVC plain & brass threaded fittings This includes jointing of pipes & fittings with one step CPVC solvent cement, trenching, refilling & testing of joints complete as per direction of Engineer in Charge. External work 32mm nominal dia pipes Per Meter.
- d) Providing and placing on terrace (at all floor levels) polyethylene water storage tank, IS: 12701 marked, with cover and suitable locking arrangement and making necessary holes for inlet, outlet and overflow pipes but without fittings and the base support for tank Per Litre.

ii Experience:

For General Bidders: - Experience of having successfully completed similar works in any SNA / Govt. Organization / PSU during last 7 years ending last day of month previous to the one in which applications are invited should be either of the following: -

Three similar completed works costing not less than the amount equal to 40% of the estimated Project cost.

Two similar completed works costing not less than the amount equal to 50% of the estimated Project cost.

One similar completed work costing not less than the amount equal to 80% of the estimated Project cost.

For MSME of Jharkhand: One similar completed work costing not less than the amount equal to 10% of the estimated Project cost.

Definition of Similar Work "Similar work is defined as Supply, Installation and Commissioning of a Hot Water System or fabrication & installation of drinking water pipelines in any SNA/ Govt. Organization / PSU."

iii. Turnover:

- a) For General Bidder: Average Annual financial turnover during the last 3 years, ending 31st March of the previous financial year, should be equal to the estimated cost of the work derived from the last three financial years ending on 31.03.2023 on the basis of audited annual accounts.
- b) For MSEs of Jharkhand: Bidder should have the average Annual Turnover of 10% of Estimated cost derived from the last three financial years ending on 31.03.2023 on the basis of audited annual accounts.

iv. Net worth: Bidder Should have a positive net worth.

Other Conditions:

1. Bidder shall bear all costs associated with the preparation and submission of the bid, journeys undertaken by them and subsequent bidding process till the award of the order to successful bidder and the JREDA shall in no case, shall be responsible or liable for these costs, regardless of the conduct or outcome of the bidding process.

2. Performance Guarantee:

- a. Successful General bidder shall submit a performance guarantee @5% of the allotted work order value in the form of Bank Guarantee valid for five years on or before release of any payment against supply.
- b. Successful MSME of Jharkhand bidder shall submit a performance guarantee @0.5% of the allotted work order value in the form of Bank Guarantee valid for five years on or before release of any payment against supply.
- c. The Performance Guarantee will have to be maintained by the bidder with JREDA till the completion of warrantee period.
- d. The Performance Guarantee shall be submitted in the form of bank guarantee in favor of "Director, JREDA" payable at Ranchi from any Indian Nationalized bank/Scheduled bank.
- e. Non submission of Performance Guarantee within the time frame, shall lead to forfeiture of EMD and cancellation of work order.
- f. If Bidder unit fails to carry out the work allotted to him as per the provisions of the tender

documents, then such Bidder may be blacklisted for future awards of work.

- g. The performance guarantee shall be refunded / released to the bidder after expiry of 60 days after the date of completion of warranty obligations.

3. Timeline/ Completion Period:

The time of completion shall be adhered as per the timeline defined in the table below:

Name of the work	Item Details	UOM	Quantity	Completion Period
Supply & Installation of Water Tank and Pipe Lines for Solar Hot Water Systems at Jawahar Navodaya Vidyalaya, Lohardaga, Jharkhand.	Chlorinated Polyvinyl Chloride (CPVC) pipes, having thermal stability for hot & cold-water supply including all CPVC plain & brass threaded fittings This includes jointing of pipes & fittings with one step CPVC solvent cement, trenching, refilling & testing of joints complete as per direction of Engineer in Charge. External work 25mm nominal dia pipes Per Meter.	Meter	500	30 Days
	G.I. pipes complete with G.I. fittings and clamps, V/c cutting and making good the walls etc. Internal work Exposed on wall 15 mm dia nominal bore Per Meter.	Meter	100	
	Chlorinated Polyvinyl Chloride (CPVC) pipes, having thermal stability for hot & cold-water supply including all CPVC plain & brass threaded fittings This includes jointing of pipes & fittings with one step CPVC solvent cement, trenching, refilling & testing of joints complete as per direction of Engineer in Charge. External work 32mm nominal dia pipes Per Meter.	Meter	975	
	Terrace (at all floor levels) polyethylene water storage tank, IS: 12701 marked, with cover and suitable locking arrangement and making necessary holes for inlet, outlet and overflow pipes but without fittings and the base support for tank Per Litre.	Litre	13000	

4. Scope of work:

Supply & Installation of Water Tank and Pipe Lines for Solar Hot Water Systems at Jawahar Navodaya Vidyalaya, Lohardaga, Jharkhand.

Site Visit:

The Bidder, at his own cost, responsibility and risk, is encouraged to visit, examine and familiarize himself with the Site of Works and its surroundings and obtain all information that may be necessary for preparing the Bid and entering into a contract for supply & Installation of Water Tank and Pipe Lines for Solar Hot Water Systems & in Coordinate with the assigned agency for the installation Works. The costs of visiting the Site shall be at the Bidder's own expense. He may contact the person whose contact details are given in the Notice Inviting Bid.

Technical Specification:

- a) Providing and fixing Chlorinated Polyvinyl Chloride (CPVC) pipes, having thermal stability for hot & cold-water supply including all CPVC plain & brass threaded fittings This includes jointing of pipes & fittings with one step CPVC solvent cement, trenching, refilling & testing of joints complete as per direction of Engineer in Charge. External work **25mm nominal dia pipes Per Meter.**
- b) Providing and fixing G.I. pipes complete with G.I. fittings and clamps, V/c cutting and making good the walls etc. Internal work Exposed on wall **15 mm dia nominal bore Per Meter.**
- c) Providing and fixing Chlorinated Polyvinyl Chloride (CPVC) pipes, having thermal stability for hot & cold-water supply including all CPVC plain & brass threaded fittings This includes jointing of pipes & fittings with one step CPVC solvent cement, trenching, refilling & testing of joints complete as per direction of Engineer in Charge. External work **32mm nominal dia pipes Per Meter.**
- d) Providing and placing on terrace (at all floor levels) polyethylene water storage tank, IS: 12701 marked, with cover and suitable locking arrangement and making necessary holes for inlet, outlet and overflow pipes but without fittings and the base support for tank **Per Litre.**

Quality of materials and workmanship: All the materials, components, accessories etc. used shall be brand new and readily available. All items offered shall be as per approved quality and standards. They shall be of such design, size and material as to function satisfactorily under the rated conditions of operation and to withstand the environmental conditions at site. The firm shall supply the equipment/material according to the true intent and meaning of the specifications of the contract and complete the same to the entire satisfaction of the JREDA.

Indemnify against Accident and Damage: The Firm shall be held liable and responsible for all accidents or damages to the equipment/material during supply from whatsoever cause arising, and chargeable for anything that may be lost, stolen, damaged, removed or destroyed at any time till the equipment/material is accepted by the JREDA. The Supplier shall also be held responsible and guaranteed to make good any damage to or defects in the said equipment/material or any portion thereof due to materials, workmanship, or design which appear or become known before the expiry of the guarantee period notwithstanding that such damage/defect might not have been discovered during the tests or trials or that payment may wholly or partially have been made or that the equipment/material have been approved earlier as properly completed. Such approval by JREDA shall not affect or prejudice the right of the JREDA against the supplier or be considered conclusive as to the sufficiency of such equipment/material.

Rejections and Replacements: All material and workmanship used and employed in carrying out this contract shall be to the entire satisfaction of the JREDA. Any portion of material or any of the works done under this contract which may be considered to be defective or unsatisfactory or not in accordance with the said specifications shall be rejected by JREDA and shall be replaced to the satisfaction of JREDA at the sole expense of the firm.

5. Payment terms and conditions:

The payment shall be made to the successful bidder as per the work order issued basing on the L1 price arrived at as per **Annexure 4**.

Subject to any deduction, which JREDA may be authorized to make under this contract, the contractor shall be entitled to payment as follows:

- a. **100%** of the Contract Price shall be paid against supply and execution of work in full and in good condition as certified by Consignee and/or JREDA Officials after submission of following documents:
 - i. Original Commercial invoice raised from the state of Jharkhand for the supply and execution made in triplicate (1+2).
 - ii. Copy of duly raised delivery challan / transportation challan / lorry receipt/dispatch clearance.
 - iii. Duly filled **Annexure-6** should be submitted in three sets (one for Consignee record, one for JREDA HQ. and one for JREDA's field Executive Engineer).
 - iv. Geo Tag Photographs of all the equipment (materials) at destination with signature & seal of Consignee/JREDA Officials. This record should be kept in the office of Consignee for verification.
 - v. Test Report and Warranty Certificate of the Supplied Equipment/ Materials if any.

Note: Technical Bid should be submitted in envelope with sealed & superscribed as "Technical Bid for Supply & Installation of Water Tank and Pipe Lines for Solar Hot Water Systems at Jawahar Navodaya Vidyalaya, Lohardaga, Jharkhand." duly superscribed NIB no./Subject/Bidder's name & address. Financial Bid shall not be submitted along with the technical documents.

6. Liquidated Damages for Delay in Completion & Warrantee

If the firm fails in the due performance of the contract to deliver any part of the equipment or complete the work within the time fixed under the contract or any extension thereof granted to him by JREDA and/or to fulfill his obligations in time under the contract, he shall be liable to pay to JREDA @0.5% per week maximum up to 10% of work value delayed beyond contract period.

7. Risk & Cost

If the contractor fails to complete the awarded work up to the conflation period from the scheduled date of completion, then JREDA will be at liberty to cancel the said work order and will get the full or part of left over work to be completed by way of engaging alternate contractor and completion of the said work shall be got completed at risk & cost of the failed contractor and failed contractor shall be liable to pay all the dues to JREDA.

8. Assignment/ Sub-letting

The Contractor shall not assign or sublet, the work in whole or part, and its obligations to any third party to perform under the order/contract.

In the event the contractor contravenes this condition, JREDA reserves the right to reject the equipment/work contract and execute the same from other contractor at risk and cost. The Contractor shall be solely liable for any loss or damage which JREDA may sustain in consequence arising out of such replacing of the contract work.

9. Completeness of Tender

All fittings, assemblies, accessories, hardware items etc. & safety and protection devices as required shall be deemed to have been included in the tender, whether such items are specifically mentioned in the BoM or not.

10. Compliance with Regulations

The contractor shall comply with all applicable laws or ordinances, codes approved standards, rules and regulations and shall procure all necessary municipal and/or other statutory bodies and government permits & licenses etc. at his own cost. The contractor shall leave the purchaser, Director, JREDA harmless as a result of any infractions thereof.

11. Agreement

The successfully qualified firms shall have to enter into an agreement within fifteen days from the date of issue of work order in the office of the Director, JREDA, in prescribed format.

12. Income Tax / GST

Without prejudice to the obligations of the supplier under law, any income tax and GST which JREDA may be required to deduct by law/statute, shall be deducted at source and shall be paid to income tax authorities on account of the supplier. JREDA shall provide the supplier a certificate for such deductions of tax.

13. Majeure conditions

In the event of either party being rendered unable by force majeure to perform any obligation required to be performed by them under this agreement, relative obligation of the party affected by such force majeure shall be treated as suspended during which force majeure condition last.

The term force majeure shall have herein mean riots (other than among the contractor's employee), civil commotion, war (whether declared or not), invasion, pandemic, act of foreign enemies' hostilities, rebellion, insurrection, military coup to usurp power, act of god such as earthquake, lightening, floods, fires not caused by contractor's negligence and other cause which the contractor has no control and accepted as such by the Director, JREDA, whose decision shall be final and binding.

If the work is suspended by force majeure conditions lasting for more than 45 days, the purchasers shall have the option of canceling this contract in whole or part thereof, at its discretion. The contractor shall not claim for compensation for force majeure conditions.

14. Cancellation of Work Order:

JREDA will be at liberty to terminate/blacklist in part or full the awarded contract without prejudicing its rights and affecting the obligations of the Contractor by giving 15 (Fifteen) days' notice in writing in the following events:

- (a) If the contractor/supplier is found defaulter for delayed supply failure to deliver satisfactory performance Comprehensive Warrantee or supply of substandard materials.
- (b) If the contractor/supplier fails to comply with the provision(s) of the contract including the responsibilities to fulfill the 5 years CMC of the supplied systems as per the provisions mentioned.
- (c) If the Contractor/vendor is involved in any action of moral turpitude.

Other terms & conditions enumerated in the NIB will be the integral part of this contract.

15. Jurisdiction of the Court

All disputes would be settled within Ranchi jurisdiction of court of law only.



NIB No: 06/JREDA/SHWS/JNV/23-24

Check list

Sl. No.	Particulars	Yes/No
1	Bid fee (Rs. 5000/-)	
2	Earnest Money Deposit (EMD) (Rs. 15500/-)	
3	Company/Firm Registration Certificate	
4	Copy of self-attested PAN Card with Income Tax Return (ITR) of last financial year.	
5	Copy of the audited balance sheet of last three financial year.	
6	Copy of self-attested GST Registration Certificate	
7	Copy of Experience Certificate of last three years as per required experience mentioned in eligibility Criteria.	

(Signature & Seal of the Firm/ Agency/ Supplier)



Format For Financial Requirement – Annual Turnover

NIB No: 06/JREDA/SHWS/JNV/23-24

[On the letterhead of Bidding Company]

To,

The Director,
Jharkhand Renewable Energy Development Agency
3rd Floor, S.L.D.C. Building,
Kusai Colony, Doranda,
Ranchi - 834002

Dear Sir,

Sub: Supply & Installation of Water Tank and Pipe Lines for Solar Hot Water Systems at Jawahar Navodaya Vidyalaya, Lohardaga, Jharkhand.

We certify that the Bidding Company had an average Annual Turnover of Rs. -----
---- based on audited annual accounts of the last three years ending 31.03.2023.

Sl. No.	Financial Year	Turnover (in Rupees)
1.	2020-21	
2.	2021-22	
3.	2022-23	
	Average Annual Turnover	

Enclosed: CA Certificate with UDIN No.....

Authorized Signatory
(Power of Attorney holder)

Statutory Auditor
(Stamp & Signature)

Date:

Annexure-3

Details of Orders Received and Executed in Last 7 Years

NIB No: 06/JREDA/SHWS/JNV/23-24

Details of Orders Received & Executed as per NIB for Govt. Organization during Last Three Years.

SL. No.	Name of Agency/ Organization	Work Order No., Date.	Date of supply with letter no. & date of the performance certificate	Page number of the Work order/ purchase order submitted	Page number of the performance certificate/recommendation submitted

Yours faithfully,

(Signature of Authorized Signatory)

Name :
Designation :
Company Seal :

Note:

- (a) Attach Photocopies of Purchase Orders
- (b) Attach Photocopies of Certificate of Satisfactory Performance Issued by Concerned Nodal Agency/PSU/ Govt. Organization
- (c) Separate sheet may be used for giving detailed information in seriatim duly signed with page number. Proof of work order/purchase order and corresponding performance certificate should be submitted/enclosed in the bid. Non-submission of the work orders and corresponding performance certificate will be treated as no experience.



Financial Bid

NIB No: 06/JREDA/SHWS/JNV/23-24

(To be submitted on the letterhead of the company/firm)

Name of the work	Item Details	UOM	Quantity	Completion Period
Supply & Installation of Water Tank and Pipe Lines for Solar Hot Water Systems at Jawahar Navodaya Vidyalaya, Lohardaga, Jharkhand.	Chlorinated Polyvinyl Chloride (CPVC) pipes, having thermal stability for hot & cold-water supply including all CPVC plain & brass threaded fittings This includes jointing of pipes & fittings with one step CPVC solvent cement, trenching, refilling & testing of joints complete as per direction of Engineer in Charge. External work 25mm nominal dia pipes Per Meter.	Meter	500	30 Days
	G.I. pipes complete with G.I. fittings and clamps, V/c cutting and making good the walls etc. Internal work Exposed on wall 15 mm dia nominal bore Per Meter.	Meter	100	
	Chlorinated Polyvinyl Chloride (CPVC) pipes, having thermal stability for hot & cold-water supply including all CPVC plain & brass threaded fittings This includes jointing of pipes & fittings with one step CPVC solvent cement, trenching, refilling & testing of joints complete as per direction of Engineer in Charge. External work 32mm nominal dia pipes Per Meter.	Meter	975	
	Terrace (at all floor levels) polyethylene water storage tank, IS: 12701 marked, with cover and suitable locking arrangement and making necessary holes for inlet, outlet and overflow pipes but without fittings and the base support for tank Per Litre.	Litre	13000	
Total				

1. Above quoted price is complete in all respect as per Technical Specifications exclusive of all Central/State/Local taxes & duties, packing, forwarding, transit insurance, loading & unloading, transportation & other charges etc.
2. Certified that rates quoted are as per specifications, terms & conditions mentioned in the bid document.

(Signature of Authorized Signatory)

Name:

Designation:

Company Seal:

(This bid Performa must be submitted duly signed in case separate sheet is submitted)

Format for Submitting Bank Guarantee for Earnest Money Deposit

NIB No: 06/JREDA/SHWS/JNV/23-24

(To be submitted in Rs. 100/- Non-Judicial Stamp Paper to be purchased in the name of the issuing bank)

To,

The Director,
Jharkhand Renewable Energy Development Agency 3rd Floor,
S.L.D.C. Building,
Kusai Colony, Doranda, Ranchi -
834002.

WHEREAS (Contractor's name) (hereinafter referred to as "Contractor"), a company registered under the Companies Act, 1956 and having its registered office at is required to deposit with you, the Purchaser, by way of Earnest Money Rs. (Rupees only) in connection with its tender for the work with reference to Notice Inviting Bid (NIB) No. dated as per specification and terms and conditions enclosed therein.

WHEREAS the Contractor as per "Notice Inviting Bid, point no. 3 Earnest Money" has agreed to establish a Bank Guarantee in Your favour through us valid up to (Date) instead of deposit of earnest money in cash.

WHEREAS you have agreed to accept a Bank Guarantee from us in instead of earnest money in cash from the Contractor.

1. We (Bank) hereby agree and undertake to pay you on demand the said amount of Rs. (Rupees only) without any protest or demur in the event the Contractor/Tenderer after submission of his tender, resiles from or withdraws his offer or modifies the terms and conditions thereof in a manner not acceptable to you or expresses his unwillingness to accept the order placed and/or letter of intent issued on the Contractor/Tenderer for the work under "Notice Inviting Bid Ref. No.:" **06/JREDA/SHWS/JNV/23-24**.
2. Your decision as to whether the Contractor/Tenderer has resiled from or has withdrawn his offer or has modified the terms and conditions thereof in a manner not acceptable to you or has expressed his unwillingness to accept the order placed and/or Letter of Intent issued by you on the Contractor/Tenderer for the work under "Notice Inviting Bid Ref. No.:" **06/JREDA/SHWS/JNV/23-24** in this regard, shall be final and binding on us and we shall not be entitled to question the same.
3. Notwithstanding anything contained in the foregoing, our liability under this Guarantee shall be restricted

to Rs. (Rupees..... only).

4. This Guarantee shall remain valid and in full force and effect up to (Date) and shall expire thereafter unless an intimation is given to the Bank by you earlier in writing discharging us from our obligation under this Guarantee.
5. We shall not revoke this Guarantee during its currency except by your consent in writing.
6. This Guarantee shall not be affected by any change in the constitution of the Contractor/Tenderer or yourselves or ourselves but shall ensure to your benefit and be enforceable against our legal successors or assignees by you or your legal successors.
7. Notwithstanding anything contained herein above unless a demand or claim under this Guarantee is made on us in writing within six months from the date of expiry of this Guarantee we shall be discharged from all liabilities under this Guarantee thereafter.
8. We have power to issue this Guarantee under our Memorandum and Articles of Association and the undersigned who is executing this Guarantee has the necessary power to do so under a duly executed Power of Attorney granted to him by the Bank.
9. This Bank Guarantee must include SFMS (Structural Financial Management System) as per JREDA Bank Details Which is as:

Name of Bank: State Bank of India

IFSC Code: SBIN0009010

Branch Details: Ashok Nagar Branch, Ranchi

Signed and Delivered
For and on behalf of..... Bank.
(Banker's Name)

Name of Bank Manager:

Address

.....

Certificate of Delivery cum Joint inspection and handing over Report

NIB No: 06/JREDA/SHWS/JNV/23-24

This is to certify that M/S ----- have Supply & Installation of Water Tank and Pipe Lines for Solar Hot Water Systems at Jawahar Navodaya Vidyalaya, Lohardaga, Jharkhand with all accessories in good condition as per the specification laid down in the supply order no- date The system is working satisfactorily.

1.	Name of Beneficiary	:	
2.	Complete Address with Contact No.	:	
	Signature With Seal	:	
	M/s		Signature (With Name) of the user / representative of the user's Organization with seal (if any)

Signature with Seal
Concern Officer / Staff of JREDA