

GOVERNMENT OF MEGHALAYA

**INSPECTORATE OF ELECTRICITY
OFFICE OF THE SENIOR ELECTRICAL INSPECTOR
HORSE SHOE BUILDING,
LOWER LACHUMIERE
SHILLONG-793001
&**

**STATE DESIGNATED AGENCY FOR THE STATE OF MEGHALAYA
UNDER ENERGY CONSERVATION ACT, 2001**



**Request for Proposal (RfP)
For
Replacement of an old pump set of the Jongsha Water Supply Scheme
(WSS) with a new energy efficient one
Under
State Partnership for Energy Efficiency Demonstrations
(SPEED) of BEE, New Delhi**

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1 LETTER OF INVITATION

1.1 Advertisement

GOVERNMENT OF MEGHALAYA
INSPECTORATE OF ELECTRICITY
(The State Designated Agency on EC , Meghalaya under EC Act 2001)

Tender for selection of an agency/firm for Replacement of an old pump set of the Jongsha Water Supply Scheme (WSS) with a new energy efficient one

No. IEL.IX/156/2020-21/64

Dated Shillong, the 30th July, 2020

The senior Electrical Inspector, Govt. of Meghalaya, being the Designated Agency for the State of Meghalaya on Energy Conservation under EC Act 2001, invites quotation to select an agency/firm for “Replacement of an old pump set of the Jongsha Water Supply Scheme (WSS) with a new energy efficient one.”

<i>Tender Processing Fee</i>	<i>Earnest money deposit (EMD)</i>	<i>Last date for receipt of bid</i>	<i>Time & date of opening of technical bid</i>	<i>Completion time</i>
Rs. 500/- (Rupees Five Hundred only)	Rs. 10,000/- (Rupees Ten thousand only)	01.09.2020 At 2.00 pm	01.09.2020 At 2.30 pm.	90 Days

The tender document can be purchased from the Office of the undersigned up to 2 pm on 31.08.2020 by payment of **Rs. 500/-** only in the form of Crossed Demand Draft in favour of “Senior Electrical Inspector and State Designated Agency on Energy Conservation, Government of Meghalaya” payable at par in State Bank of India, Main Branch, “Shillong” or can be downloaded from the website www.msda.nic.in from 01.08.2020 July, 2020 onwards. For more details on the tender please visit our website www.msda.nic.in.

Sd/-
Senior Electrical Inspector & Head
State Designated Agency on Energy Conservation
Meghalaya, Shillong

1.2 Critical Information

Availability of Bid papers	From 01.08.2020 upto 01.09.2020 between 11:00am and 3:00pm on all working days
Last date for receipt of Queries	01.09.2020 at 1:00pm
Last date for receipt of Bid	01.09.2020 at 2:00pm
Time & date of opening of Bid	01.09.2020 at 2:30pm
Estimated Cost	Rs. 10,00,000/-
Earnest Money Deposit	Rs. 10,000/-
Place of opening of Bid	Office of the Senior Electrical Inspector & State Designated Agency on Energy Conservation, Inspectorate of Electricity, Meghalaya, Shillong, Lower Lachumiere. PIN 793001
Contact Person for queries & submission of Bid	Senior Electrical Inspector & State Designated Agency on Energy Conservation.
Contact E-mail ID & Ph no.	msda-meg@gov.in phone no. 03642500756

2. Background Information

2.1 About the State Designated Agency

The Government of Meghalaya has in its notification vide O.O. No. PE. 14/2002/98-A, dated 22-6-06 under the Energy Conservation Act-2001, has notified the Senior Electrical Inspector as the State Designated Agency for to Coordinate, Regulate & Enforce the provisions of the Act at the State level. On the other side, The Government of India set up Bureau of Energy Efficiency (BEE) on 1st March 2002 under the provisions of the Energy Conservation Act, 2001. The mission of the Bureau of Energy Efficiency, co-coordinating with Designated Consumers (DC), State Designated Agencies (SDA) and other organizations, is to assist in developing policies and strategies with a thrust on self-regulation and market principles, within the overall framework of the Energy Conservation Act, 2001 with the primary objective of reducing energy intensity of the Indian economy.

3. Objective of the Project

The purpose of the project is to replace an old defective pump set of the Jongsha Water Supply Scheme (WSS) with a new energy efficient one. The Jongsha WSS is a pumping scheme which was sanctioned under MNP vide A.A No.PHE.214/2009/18 dated 24.03.2010. The scheme was commissioned during the year 2011 in which water from the stream “WahumIew” is pumped by 75 HP pump set to the treatment plant and supply the whole area of Jongsha village with potable drinking water.

4. Scope of Work:

This Request for Proposal (RfP) is for Technical & Financial Offers for Supply and installation, testing and commissioning of energy efficient pump set along with control panel for replacing existing old defective pump set of the Jongsha Water Supply Scheme (WSS) with a new energy efficient one, under the “State Partnership for Energy Efficiency Demonstrations (SPEED) of BEE, New Delhi.”

A survey needs to be conducted periodically by the implementing agency to monitor the performance of Energy efficient pump set installed at minimum interval of six months, for one year. To provide Smart meter for the pump set to evaluate the electricity savings due to implementation of the scheme in due coordination with the concerned Power Utility. To arrange a hoarding/display board at the location duly indicating the name of the energy efficiency project undertaken with details of investment and anticipated energy and monetary savings.

5. Bid Details:

5.1 Technical Bid Details:

5.1.1 TECHNICAL REQUIREMENT OF PUMP SET

Sl. No.	Description	technical parameters
01	Pump type	Submersible bore well pump
02	Speed	2900 rpm
03	Frequency	50 Hz
04	Duty point	(H) = 270 m (Q) = 36 m ³ /hr
05	Discharge	65mm
06	Efficiency	65% (min)
07	Power	60 HP/44.74 kW
08	NPSHR	3.96 m
09	Radial flow Impeller (dia approx)	132 mm
10	Stage	19
11	Shut off Head	365 m
12	Operating conditions: <ul style="list-style-type: none">Liquid temperatureMax. sand content into the waterMax. starts per hour	0°C to +45°C 50 g/m ³ 20 at regular intervals
13	Pump performance	ISO 9906

6. INSTRUCTION TO BIDDING FIRMS

6.1 General Terms & Conditions:

- i. Intending Bidders are advised to understand the work scope and locations etc and satisfy themselves before submitting their tenders and obtain all necessary information as to risks/ contingencies/other circumstances which may influence or affect their tender.
- ii. The Bidder shall be deemed to have full knowledge of the site and scope of work involved whether he inspects it or not and no extra charge consequent on any misunderstanding of site conditions.
- iii. The Bidder shall be responsible for arranging and maintaining at his own cost all measuring instruments, test equipment any other tools & Tackles, water, electricity access, facilities for their personnel for executing the tasks.
- iv. Canvassing whether directly or indirectly, in connection with tender is strictly prohibited and the tenders submitted by the contractors who resort to canvassing will be liable to rejection.
- v. The SDA reserves the right of accepting the whole or any part of the tender and the tenderer shall be bound to perform the same at the rates quoted

6.2 Pre-qualification criteria

The bidder should be an enlisted Class I contractor with the PHE Department, Govt of Meghalaya or any government registered organisation/firm.

6.3 Procedure for Submission of Bid

The Bidders should submit one hard copy of Bid and one soft copy in a sealed cover. The bids will be in two envelopes marked 'A' and 'B'. Envelope 'A' should contain only technical qualifications as specified and Envelope 'B' should have the price bid.

The copy of bid should be a complete document and should be bound as a volume. The document should be page numbered an appropriately flagged and contain the list of contents with page numbers. Different copies must be bound separately. The deficiency in documentation may result in the rejection of the Bid.

The soft copy of the bid should be submitted, in the form of a non-re-writeable CD (Compact Disc). The CD media must be duly signed by the Bidder using a "Permanent Pen/Maker" and should bear the name of the Bidder. The sealed cover should be super scribed with the wordings "**Replacement of an old pump set of the Jongsha Water Supply Scheme (WSS) with a new energy efficient one**".

Bidder must ensure that the information furnished by him/her in respective CDs is identical to that submitted by him/her in the original paper document. In case of any discrepancy observed in the contents of the CDs and original paper documents, the information furnished on original paper document will prevail over the soft copy.

6.4 Cost of Bid documents

The Bidder shall bear all costs associated with the preparation and submission of bids, including cost of presentation for the purposes of clarification of the bid, if so desired by SDA Meghalaya. SDA Meghalaya will in no case be responsible or liable for those costs, regardless of the conduct or outcome of the Tendering process.

6.5 Contents of the Bid documents

The Bidder is expected to examine all instructions, forms, terms & conditions and Statement of Work in the Bid documents. Failure to furnish all information required or submission of Bid Document not substantially responsive to the RfP in every respect will be at the Bidder's risk and may result in the rejection of the bid.

6.6 Language of Bids

The Bids prepared by the Bidder and all correspondence and documents relating to the bids exchanged by the Bidder, shall be written in **English language**, provided that any printed literature furnished by the Bidder may be written in another language so long the same is accompanied by an English translation in which case, for purposes of interpretation of the bid, the English translation shall govern.

6.7 Confidentiality

SDA Meghalaya requires that recipients of this document to maintain its contents in the same confidence as their own confidential information and refrain from any public disclosure whatsoever.

6.8 Disclaimer

SDA Meghalaya and/or its officers, employees disclaim all liability from any loss or damage, whether foreseeable or not, suffered by any person acting on or refraining from acting because of any information including statements, information, forecasts, estimates or projections contained in this document or conduct ancillary to it whether or not the loss or damage arises in connection with any omission, negligence, default, lack of care or misrepresentation on the part of SDA Meghalaya and/or any of its officers, employees.

6.9 Authorized Signatory (Bidder)

The “Bidder” as used in the RfP shall mean the one who has signed the bid document forms. The Bidder should be the duly Authorized Representative of the Company/firm. All certificates and documents (including any clarifications sought and any subsequent correspondences) received thereby, shall, as far as possible, be furnished and signed by the Authorized Representative. The power or authorization, or any other document consisting of adequate proof of the ability of the signatory to bind the Bidder shall be annexed to the bid in case of a tenderer not being a Government body/undertaking/PSU. SDA Meghalaya may reject outright any proposal not supported by adequate proof of the signatory’s authority.

6.10 Contact details of the Bidder

Bidder, who wants to receive SDA Meghalaya’s response to queries, should give their contact details to SDA. The Bidder should send their contact details in writing to the SDA Meghalaya’s contact address indicated in Para 1.2 of this document.

6.11 Queries on the Bid Document

Bidder requiring any clarification on this Document may send a query in writing to the SDA Meghalaya’s contact address indicated in Para 1.2 of this document. SDA Meghalaya’s response (including an explanation of the query) to all the queries, received not later than the dates prescribed by the SDA Meghalaya in Para 1.2 of this document, will be made available and sent to the Bidders who have given their contact details. SDA Meghalaya may also hold a conference to give clarifications and invitation of the same will be sent to the Bidders who have given their contact details.

6.12 Amendment of Bid document

At any time prior to the last date for receipt of bids, SDA Meghalaya, may, for any reason, whether at its own initiative or in response to a clarification requested by prospective Bidder(s) modify the Bid Document by an amendment. In order to provide prospective Bidders reasonable time in which to take the amendment into account in preparing their bids, SDA Meghalaya may, at its discretion, extend the last date for the receipt of Bids and/or make other changes in the requirements set out in the Invitation for Bid.

6.13 Bid Processing Fees

All bids must be accompanied by a bid processing fee of **Rs. 500/-** (Rupees Five Hundred Only) and cost of Bid document amounting **Rs. 500/-** (Rupees Five Hundred Only) (*in case of the Bid document downloaded from SDA’s website bid document fee is not required*) in the form of crossed Demand Draft(s) drawn in favour of the SENIOR ELECTRICAL INSPECTOR AND STATE DESIGNATED AGENCY ON ENERGY CONSERVATION, GOVERNMENT OF MEGHALAYA and payable at par in SHILLONG.

6.14 Earnest Money Deposit (EMD)

- i. The Earnest Money amounting to Rs. 10,000/- (Rupees ten thousand only) shall be paid by each tenderer, in the form of crossed Demand Draft drawn in favour of the SENIOR ELECTRICAL INSPECTOR AND STATE DESIGNATED AGENCY ON ENERGY CONSERVATION, GOVERNMENT OF MEGHALAYA and payable at par in SHILLONG, to be enclosed along with the sealed tender;
- ii. Any category of tenderers specifically exempted by the Government from the payment of Earnest Money Deposit are not required to make such a deposit provided they enclose copies of documents proving exemption;
- iii. The Earnest Money Deposit will be refunded to the successful tenderer only after satisfactory completion of the ordered works and on proper fulfillment of contract;
- iv. In case of unsuccessful tenderers, the Earnest Money Deposit will be refunded to them within three months of finalizing the tender;
- v. The Earnest Money Deposit will not carry any interest.

Tenders received without the Earnest Money Deposit other than specified in Sub-clause (ii) above will be summarily rejected.

7. TIMELINE AND DELEVERABLES

7.1 Broad Timeline

The broad timeline for the Project is as under:

Issue of work order	Commencement of work	Expected completion date
By the SDA	Within 10 days of receipt of order from SDA Meghalaya.	Within 90 days from the date of commencement of works.

7.2 Payment Schedule & Penalty/Damages for Delay in Delivery:

- a) 70% of the payment shall be released against delivery of the equipment on pro-rata basis.
- b) 25% of the payment shall be released after installation, complete testing & commissioning and handing over the installation to the PHE department.
- c) Remaining 5% shall be released upon receipt of completion certificate from PHE Department valid up to warranty period.
- d) Applicable taxes as deductible at source will be deducted from the bill amount.
- e) If the firm fails to deliver the ordered material/equipment within the stipulated period of delivery, SDA Meghalaya may cancel the relevant work order and in the event of SDA Meghalaya allowing the firm to carry on with the works upon such delay, penalty fee at the rate of 1% of the cost of incomplete delivery per week shall be deducted from the payment already due to the firm or the Earnest Money Deposit, as the case may be, subject to the condition that such penalty shall not exceed the total cost of undelivered portion of work.

No living accommodation for the staff of manufacturer/agency shall be provided by the SDA Meghalaya. Carriage of material at site shall be the responsibility of the firm at their own cost.

7.3 Documents Comprising the Bid

The proposal prepared by the Bidder shall comprise the following components:

- i. Bid Form 1 : Bid Letter Proforma (refer para 8.1)
- ii. Bid Form 2: Format for Confirmation of Pre-qualification Criteria (refer para 8.2)
- iii. Bid Form 3: Approach and Methodology (refer para 8.3)
- iv. Bid Form 4: Proposed Work Plan including the timelines with excel based chart (refer para 8.4)
- v. Bid Form 5: Declaration Letter (refer para 8.5)
- vi. Bid Form 6 : List of measuring instruments (refer para 8.6)
- vii. Bid Form 7: Technical Bid (refer para 8.7)
- viii. Bid Form 8: Financial Bid (refer para 8.8)
- ix. Earnest Money Deposit of INR 10,000/- (Rupees Ten Thousand Only) (refer para 6.14)
- x. Bid processing fees of INR 500/- (Rupees Five Hundred Only)
- xi. In case of a tenderer not being a Government body/undertaking/PSU, registered Power of Attorney executed by the Bidder in favour of the Principal Officer or the duly Authorized Representative, certifying him/her as an authorized signatory for the purpose of this Bid.
- xii. Memorandum of Understanding (MoU)/Agreement prepared on a stamp paper of requisite value with the subcontractor clearly indicating their relationship. (In case of subcontractors)

SDA shall not be responsible for non-receipt/non-delivery of the Bid due to any reason whatsoever. Bidders are advised to study the Bid document carefully. Submission of Bid shall be deemed to have been done after careful study and examination of the Bid document with full understanding of its implications.

7.4 Liquidated Damages

Should the agency/firm fail to complete the work within the period prescribed for, SDA Meghalaya shall be entitled to recover 50% of the Earnest Money Deposit on expiry of the first week of delay and the rest 50% of the Earnest Money Deposit on expiry of the second week of delay. **Quantum of liquidated damages as assessed for realization by SDA Meghalaya shall be final and not challengeable by the agency/firm.**

7.5 Guarantee/Warranty/Maintenance/Service

All installed equipment shall be **guaranteed for a period of 5 years** from the date of completion and certified by PHE dept. The items or components, or any part thereof, so found defective during guarantee period shall be forthwith repaired or replaced free of cost, to the satisfaction of PHE dept. The manufacturer/supplier should also offer Annual Maintenance Contract (AMC) package(s) for the pump set for post Warranty period.

7.6 Jurisdiction

All legal proceedings in connection with this contract shall be subject to the territorial jurisdiction of local civil courts at Shillong only.

7.7 Preliminary Scrutiny

Preliminary scrutiny of the proposal will be made to determine whether they are complete, whether required process fee has been furnished, whether the documents have been properly signed, and whether the bids are generally in order. Proposals not conforming to such preliminary requirements will be prima facie rejected.

7.8 Technical evaluation

The Technical Evaluation of Pre-qualified Bidders shall be carried out to achieve the objective of assignment as detailed in the Terms of Reference the bidders will outline their methodology in their proposals giving a brief description of methods that they intend to adopt to achieve this objective. The evaluation of the proposals shall be carried out in two stages: Firstly the quality, and then the cost. The financial proposals shall be opened only after the technical proposals have been evaluated and concluded. "Financial Bid" of only technically qualified bidders shall be opened.

7.9 Evaluation of Proposals

The proposals will be evaluated on the basis of the prescribed specifications. However, SDA Meghalaya in its sole/absolute discretion can apply whatever criteria deemed appropriate in determining the responsiveness of the Bid submitted by the bidders.

The price bid for all technically qualified bidders will be opened and the contract will be awarded to the lowest price bidder.

7.10 Force Majeure

If, at any time, during the continuance of this contract, the performance in whole or in part by either party of any obligation under this contract is prevented or delayed by reasons of any war or hostility, acts of the public enemy, civil commotion, sabotage, fires, floods, explosions, epidemics, quarantine restrictions, strikes, lockouts or act of God (hereinafter referred to as events) provided notice of happenings of any such eventuality is given by either party to the other within 5 days from the date of occurrence thereof, neither party shall by reason of such event be entitled to terminate this contract nor shall either party have any claim for damages against other in respect of such non-performance or delay in performance, and deliveries under the contract shall be resumed as soon as practicable after such an event come to an end or cease to exist, and the decision of SDA Meghalaya as to whether the deliveries have been so resumed or not shall be final and conclusive. Further that if the performance in whole or part of any obligation under this contract is prevented or delayed by reasons of any such event for a period exceeding 30 days, either party may, at its option, terminate the contract.

8. BID FORMS

Bid is to be submitted in the following format along with the necessary documents as listed. The Bid shall be liable for rejection in the absence of requisite supporting documents.

8.1 Bid Form 1: Bid Letter Proforma

(Letter on official letter head stating the following)

To

The Senior Electrical Inspector &
State Designated Agency on Energy Conservation,
Government of Meghalaya,
Lower Lachumiere,
Shillong-793001.

Sub: Replacement of an old defective pump set of the Jongsha Water Supply Scheme (WSS) with a new energy efficient one under State Partnership for Energy Efficiency Demonstrations (SPEED) of BEE, New Delhi.

Ref: RfP No.....

Sir,

With reference to the tenders invited by you for Replacement of an old defective pump set of the Jongsha Water Supply Scheme (WSS) with a new energy efficient one, I/We the undersigned, hereby tender and undertake to execute the works under the contract at the rates quoted by me/us in the schedule of quantities and on the terms and conditions of this tender. I/We have carefully studied and understood the plans, terms and conditions, schedule of works and have acquainted myself / ourselves with the general site conditions. I/We the undersigned hereby tender for the execution of specified works in the tender for “Meghalaya State Designated Agency”, at the rates entered in financial bid (showing items of works to be carried out) and in accordance with the specifications, designs, drawings and the conditions of contract.

I/We agree to complete the work within 12 Weeks including the mobilization period from the date of issue of the work order. I/We enclose herewith a proof EMD deposited for Rs. 20,000/- as earnest money deposit. The said sum shall not bear interest and I/we do agree this sum shall be totally forfeited if in the event of your accepting my/our tender, I/We fail within seven days from the date of intimation of the acceptance of tender to commence the work being called upon to do so.

I/ We undertake that if this work is awarded, I/we shall execute the works to the full satisfaction of Nodal Officer of PHE, Govt. of Meghalaya.

Correspondence Details

1	Name of Agency	
2	Address of the Agency	
3	Name of the contact person to whom all references shall be made regarding this tender	
4	Designation of the person to whom all references shall be made regarding this tender	

5	Address of the person to whom all references shall be made regarding this tender	
6	Telephone (with STD code)	
7	E-Mail of the contact person	
8	Fax No. (with STD code)	

Document forming part of Bid

We have enclosed the following:

Part-A & Part- B of the tender comprise the following documents:

A) We have enclosed herewith the followings as Technical Bid in envelop ‘A’ (Tick)

1. Bid Form 1 : Bid Letter Proforma
2. Bid Form 2: Format for Confirmation of Pre-qualification Criteria
3. Bid Form 3: Approach and Methodology
4. Bid Form 4: Proposed Work Plan including the timelines with excel based chart
5. Bid Form 5: Declaration Letter.
6. Bid Form 6 : List of measuring instruments
7. Bid Form 7: Technical Bid
8. EMD of INR 20,000/- (Rupees Twenty Thousand Only)
9. Bid processing fees of INR 1,000/- (Rupees One Thousand Only)

B) We have enclosed herewith the following as Financial Bid in envelop ‘B’.

1. Bid Form 8: Financial Bid

Registered Power of Attorney executed by the agency in favour of the Principal Officer or the duly Authorized Representative, certifying him/her as an authorized signatory for the purpose of this Bid
We hereby declare that our Proposal is made in good faith and the information contained is true and correct to the best of our knowledge and belief.

Thanking you,

Yours faithfully

(Signature of the Authorized Representative)

Name :

Designation :

Seal :

Date :

Place :

Business Address:

8.2 Bid Form 2: Format for Confirmation of Pre-qualification Criteria.

(Declaration Letter on official letter head stating the following)

To

The Senior Electrical Inspector &
State Designated Agency on Energy Conservation,
Government of Meghalaya,
Lower Lachumiere,
Shillong-793001.

Sub: Replacement of an old defective pump set of the Jongsha Water Supply Scheme (WSS) with a new energy efficient one under State Partnership for Energy Efficiency Demonstrations (SPEED) of BEE, New Delhi

Having examined the tender document of RfP No. _____, we hereby confirm the minimum eligibility condition to participate in the tender for Replacement of an old defective pump set of the Jongsha Water Supply Scheme (WSS) with a new energy efficient one.

* Enclose a copy of Registration document with PHE dept.

Witness:

Bidder:

Signature: _____

Signature: _____

Name: _____

Name: _____

Address: _____

Designation: _____

Company/Firm: _____

Date: _____

Date: _____

8.3 Bid Form 3: Approach and Methodology:

To be specified by bidder

8.4 Bid Form 4: Proposed Work Plan including the timelines.

The work plan shall be task specific. However, the agency shall include a one page description on product understanding for each product under the respective group for which the consultant is submitting the proposal.

Months	1	2	3	4	(weeks)	Description of work
1						
2						
3						

Note:

- For Professional Staff the input should be indicated individually; for Support Staff it should be indicated by category (e.g.: draftsmen, clerical staff, etc.).
- Months are counted from the start of the Assignment/job. For each staff indicate separately staff input for office and field work.

8.5 Bid Form 5: Declaration Letter

Declaration Letter on official letter head stating the following: We are not involved in any major litigation that may have an impact of affecting or compromising the delivery of services as required under this contract. We are not blacklisted by any Central / State Government / Public Sector Undertaking in India

(Signature of the Authorized Representative)

Name :

Designation :

Seal :

Date :

Place :

8.6 Bid Form 6: List of Measuring Instruments /test equipment proposed to be used by the Bidder as per the projects and work scope stated.

Sl No	Description of the quantity/parameter to be tested	Name of the Instrument/Test Equipments	Quantity proposed by the bidder (No.s)

(Signature of the Authorized Representative)

Name :

Designation :

Seal :

Date :

Place :

8.7 Bid Form 7: Technical Bid

(On official letter head)

To

The Senior Electrical Inspector &
State Designated Agency on Energy Conservation,
Government of Meghalaya,
Lower Lachumiere,
Shillong-793001.

Sub: Technical Bid for Replacement of an old defective pump set of the Jongsha Water Supply Scheme (WSS) with a new energy efficient one.

Sir,

The undersigned Bidders, having read and examined in detail all the Bid documents in respect of appointment of a contractor/firm for Replacement of an old defective pump set of the Jongsha Water Supply Scheme (WSS) with a new energy efficient one under State Partnership for Energy Efficiency Demonstrations (SPEED) of BEE, New Delhi.

Sl. No.	Description	technical parameters
01	Pump type	
03	Speed	
04	Frequency	
05	Duty point	
06	Discharge	
07	Efficiency	
08	Horsepower	
09	Max Power	
11	NPSHR	
12	Radial flow Impeller (dia approx)	
13	Stage	
14	Shut off Head	
15	Pump Performance	

Witness:

Bidder:

Name: _____

Name: _____

Address: _____

Designation: _____

Company/Firm: _____

Date: _____

Date: _____

8.8 Bid Form 8: Financial Bid

To

The Senior Electrical Inspector &
State Designated Agency on Energy Conservation,
Government of Meghalaya,
Lower Lachumiere,
Shillong-793001.

Sub: Financial Bid for Replacement of an old defective pump set of the Jongsha Water Supply Scheme (WSS) with a new energy efficient one.

Sir,

The undersigned Bidders, having read and examined in detail all the Bid documents in respect of appointment of a contractor/firm for SDA Meghalaya, do hereby express their interest for the Replacement of an old defective pump set of the Jongsha Water Supply Scheme (WSS) with a new energy efficient one under State Partnership for Energy Efficiency Demonstrations (SPEED) of BEE, New Delhi.

Sl. No.	Description of works	Unit	Rate ₹	Amount ₹
1	Supplying, installation, testing and commissioning of electrically driven submersible pump set 60 HP/44.74 kW including smart meter to monitor energy consumption.	Each		
2	Supplying, installation control panel board self footed, fully automatic star-delta started with water level guard and dry run protection device single phase preventer installed and including all voltmeter ammeter indicator selector MCCB for incoming feeder all complete as directed.	Each		
3	Supply and laying of feeder cable 3 core 1100 volt grade copper conductor along with casing pipe and jointing materials as directed.	Each		
4	Installation, testing and commissioning including handling, head load and transportation all complete as directed.	L/S		
5	Providing earthing as per highest I.S specification will be followed.	L/S		

In case of any difference of amount in figures and words, the amount in words will be considered

Witness:

Bidder:

Name: _____

Name: _____

Address: _____

Designation: _____

Company/Firm: _____

Date: _____

Date: _____