

SILIGURI STORAGE BATTERY CLUSTER SERVICES PRIVATE LIMITED.
Aurobinda Pally, P.O. Rabindra Sarani, Siliguri – 734006, West Bengal
Website: www.ssbcs.co.in Email-ID: slg.batt.clas@gmail.com

TENDER DOCUMENTS

**SUPPLY, INSTALLATION, TESTING AND COMMISSIONING OF THE MACHINERY AND
EQUIPMENT**

FOR

**COMMON FACILITY CENTRE (CFC) OF LEAD ACID BATTERY CLUSTER AT SILLIGURI
DARJEELING DISTRICT**

Consultant

Foundation for MSME Clusters

11/12/1, Burnt Salt Gola Lane, P.O. Golabari, Dist. Howrah, Pin Code - 711101.

Contact Person: Mr. Anijit Bhattacharya.

M: +91-09088210144, +91-8374990948

Email: anijit.bhattacharya@msmefoundation.org

June, 2014

CONTENTS

1. TENDER NOTICE
2. INSTRUCTION TO TENDERERS
3. TERMS AND CONDITIONS OF CONTRACT
4. SPECIAL CONDITIONS OF CONTRACT (SCC)
5. LIST OF MACHINERY FOR CFC OF LEAD ACID BATTERY CLUSTER (ANNEXURE-A)
6. FORM OF TENDER(ANNEXURE-B)
7. ARTICLES OF AGREEMENT(ANNEXURE-C)
8. LETTER OF ACCEPTANCE(ANNEXURE-D)
9. ISSUE OF NOTICE TO PROCEED WITH THE WORK(ANNEXURE E)
10. FORMAT OF BANK GUARANTEE FOR SECURITY DEPOSIT (ANNEXURE-F)
11. COVER LETTER – TECHNICAL BID
12. COVER LETTER – FINANCIAL BID

NOTICE INVITING TENDER

NIT No: CFC/SSBCSPL/Tender/P&M/2014-15/dated 21.06.2014

Sealed tenders are invited by the Managing Director, **Siliguri Storage Battery Cluster Services Private Limited** from bonafide OEM/ Authorised Dealers for “Supply, Installation, Testing and Commissioning of the machinery and equipment for Common Facility Centre (CFC) of Lead Acid Batter Cluster at Aurobinda Pally, P.O. Rabindra Sarani, Siliguri – 734006,” (hereinafter termed as ‘Purchaser’), as per specification given in the Annexure annexed to the Tender hereto. The Tender Document may be purchased from the Office of the **Siliguri Storage Battery Cluster Services Private Limited** Aurobinda Pally, P.O. Rabindra Sarani, Siliguri, Dist. Darjeeling, Pin Code– 734006 between 21.06.2014 and 05.07.2014. Tender document and other details may also be downloaded from the websites www.mssewb.org and www.ssbcs.co.in

The salient features of the tender are furnished below:

Earnest Money Deposit	: 2% (Two Percent) of Bid Value.
Time Period for Supply	: Two (2) months.
Cost of tender document	: Rs.500.00 (Rupees Five Hundred Only),
Sale of tender document	: From 21.06.2014 to 05.07.2014. Sale will be closed on 05.07.2014 at 5.00pm
Tender submission date &time	: Up to 05.07.2014 till 5pm
Tender submission place	: Office of The General Manager, Sub-District Industries Centre, Siliguri Industrial Estate, Commercial Complex (2 nd Fl), 2 nd Mile, Sevok Road, Siliguri, Dist: Darjeeling Pin Code- 734001

Other relevant data/information will be available in the tender document. Tender documents may be downloaded from the website www.mssewb.org or www.ssbcs.co.in during the said period by the interested tenderers on payment of said amount towards the cost of tender document in the form of an A/c Payee Demand Draft payable in favour of “SILIGURI STORAGE BATTERY CLUSTER SERVICES PRIVATE LIMITED” and payable at “Siliguri” on or before the date of submission of tender. Conditions of tendering shall be available in the tender document. The Purchaser reserves the right to reject any or all the tenders and split the work among the bidders without assigning any reason whatsoever. The Purchaser also does not bind itself to accept the lowest offer. All other details may be had from the office

of District Industries Centre, Darjeeling or FMC, 11/12/1, Burnt Salt Gola Lane, Near Howrah A.C. Market,
P.O. Golabari, Dist. Howrah.

(Managing Director)
Silliguri Storage Battery Cluster Services Private Limited
Silliguri, Darjeeling District.

TENDER BRIEF

**SILIGURI STORAGE BATTERY CLUSTER SERVICES PRIVATE LIMITED.
SUPPLY, INSTALLATION, TESTING AND COMMISSIONING OF THE MACHINERY AND
EQUIPMENT
FOR
COMMON FACILITY CENTRE(CFC) OF LEAD ACID BATTERY CLUSTER AT SILLIGURI,
DARJEELING DISTRICT**

SCOPE OF WORK	SUPPLY, INSTALLATION, TESTING AND COMMISSIONING OF THE MACHINERY AND EQUIPMENT FOR COMMON FACILITY CENTRE(CFC) OF LEAD ACID BATTERY CLUSTER AT SILLIGURI, DARJEELING DISTRICT, WEST BENGAL
PERIOD OF SALE OF TENDER DOCUMENT	21.06.2014 to 05.07.2014 (during office hours). Sale will be closed on 05.07.2014 at 5pm.
LAST DATE AND TIME FOR SUBMISSION OF TENDER	Till 05.07.2014 at 5.00pm at Office of The General Manager, Sub District Industries Centre, Siliguri Industrial Estate, Siliguri, Pin Code-734 001
DATE AND TIME FOR OPENING OF TENDER	07.07.2014 at 3PM at Sub District Industries Centre, Siliguri Industrial Estate, Siliguri, Pin Code-734 001
REQUIREMENT OF VARIOUS ITEMS	GIVEN IN ANNEXURE - A

A. INSTRUCTIONS TO TENDERERS

1. The bidders are requested to read the tender document carefully and ensure compliance with all instructions herein. Non-compliance with instructions in this document will disqualify the bidders from the tender process.

B. GENERAL TERMS AND CONDITIONS:

Bidder must provide the following information along with the Technical Bid:

- a) Technical capability to manufacture/supply such machinery & equipment/ instruments as mentioned in Annexure-I within a period of 60 days. A copy confirming the terms of supply should be included.
 - b) Proof of supply of similar items in the last five years.
 - c) Copies of Sales Tax, VAT, ST registration, PAN Card and other statutory clearances for the last 3 (three) years.
 - d) Manufacturer's technical leaflet, catalogue, operation and maintenance manual wherever applicable, should invariably be enclosed.
 - e). Copy of ISO 9001:2008, 14001 Certificates, if any.
 - f) Up-to-date Sales Tax/VAT Clearance Certificate.
 - g) Audited Balance Sheet for last three years.
 - h) Details and nature of maximum warranty period offered by the vendor.
 - i) Certificate from OEMs on the offered products in case the vendor is a dealer
2. The concerned authority reserves the right to verify information submitted and inspect the manufacturer's facilities, if required, to confirm their capabilities.
 3. The concerned authority reserves the right to change the quantity (upward/downward) to be tendered and vendor must have the ability to supply additional quantity, if any, within the validity of the quotation period.
 4. Decision of the Purchase Committee as constituted by the competent authority of the Department of MSSE&T, Govt. of West Bengal on any matter regarding short listing of vendors shall be final and any applicant shall not enter into any correspondence with the SPV. No Bid/enquiry on telephone will be entertained. However, the hard copy of the Bid paper with necessary documents should reach the Purchaser within stipulated date.
 5. Vendor would be qualified based on data and documents provided by them and also

based on information available with the Purchaser with regard to vendor's credential.

6. Unless otherwise specifically mentioned in this tender document, the general terms and conditions of the Purchaser for submission of quotation for supply of stores will be applicable.
7. The price bids of only those vendors shall be opened whose technical bids are found qualified.
8. THIS IS AN OPEN-BID SYSTEM. BIDDERS/VENDORS ARE PERMITTED TO ATTEND THE TECHNICAL BID/PRICE BID MEETING SUBJECT TO PRODUCTIONS/SUBMISSION OF LETTER OF AUTHORITY. NO SEPARATE LETTER WILL BE ISSUED IN THIS RESPECT. NO TA/DA WOULD BE ADMISSIBLE.
9. In case of dispute, the matter shall be settled mutually, failing which the decision of the Purchaser shall be final and binding.

C. SPECIAL CONDITIONS

1. No payment shall be made for any damage caused by rain, flood, earthquake or any other natural causes or any force majeure conditions whatsoever during the execution of work. The damages to the items supplied will be made good by the Manufacturer at his own cost and no claim on this account shall be entertained.
2. The Manufacturer shall at his own cost arrange for necessary licenses/permissions/clearances, etc. required to import, if any, the material for completion of work within stipulated period.
3. If the material or finished work is not found acceptable, the Manufacturer/supplier shall arrange for the replacement of material required for re-executing the work as per contract.
4. The rate quoted shall be inclusive of all taxes and duties, import levies, freight forwarding, insurance and loading / unloading charges / expenditure on the requisite approvals/quality assurance tests/certification/freight and insurance and installation & commissioning of the machinery to be carried at the CFC location.
5. The warranty period will be 12(twelve) months from the date of installation, commissioning or 18(Eighteen) months from the date of despatch, whichever is earlier and recording of completion certificate by Purchaser. During warranty period any defects, if found, in the items supplied / installed, it will be the responsibility of the Manufacturer/supplier/dealer to rectify the same as per the requirement at his own cost.
6. All work must conform to standard specification.

7. The delivery of each equipment/instrument should accompany a test certificate from the OEM.
8. Inspection/testing of the machinery will be held at the CFC premises.
9. All civil/structural works pertaining to installation of the machine like construction of machine foundation/base, pedestal, foundation bolts, base plates, grouting etc.) will be done by the supplier. The quoted price should be inclusive of such works.

D. TENDER SUBMISSION

The tender papers following two –Bid System (Technical Bid-A and Financial Bid-B) can be submitted on all working days (except holidays) during office hours either by Speed Post/Registered Post addressed to the Office of The General Manager, Sub District Industries Centre, Siliguri Industrial Estate, Commercial Complex, 2nd Fl, Sevak Road, P.O. Siliguri & Dist. Darjeeling, Pin-734 401 or by dropping those in the Tender box within the stipulated period as would be kept in the above mentioned office address. In the event of this day being declared as a holiday, the tender papers can be submitted up to the above-mentioned time on the next working day.

The envelope should be super-scribed with 'TENDER FOR MACHINERY & EQUIPMENT FOR THE COMMON FACILITY CENTRE' of Siliguri storage battery cluster services private limited, Siliguri, Darjeeling District, West Bengal" The tender should be submitted in a proper manner with index for easy identification.

GUIDELINES FOR SUBMISSION OF TENDER PAPERS

Envelope with superscription as Envelope-A should contain the Technical Bid and Tender Fee (if downloaded from the website). (If purchased, to enclose the original receipt of the Tender purchase fee). Tender Fee or the receipt copy should not be enclosed in Envelope-B.

Envelope with superscription as Envelope-B should contain the Price Bid and the EMD. No EMD should be enclosed in the Envelope-A with Technical Bid.

Both the Envelopes A & B are to be put together in a bigger envelope and to be super-scribed with "TENDER FOR MACHINERY & EQUIPMENT FOR COMMON FACILITY CENTRE of Siliguri Storage Battery Cluster Services Private Limited. No other form will be accepted.

Earnest Money Deposit (EMD) – Along with their bids the Bidders are required to submit an EMD amounting to 2% (Two Percent) of the Bid value in the form of an A/c Payee Demand Draft or pay order or banker's cheque drawn in favour of "Siliguri storage battery cluster services private limited", and payable at any nationalized

bank at Siliguri. Any tender without demand draft for EMD will be **DISQUALIFIED** and **REJECTED** and price bid will not be considered. Photo/Fax copies of the demand draft will not be accepted.

In case the bidder/s is registered with the Central Purchase Organisation, National Small Industries Corporation (NSIC), the EMD may be exempted as per Govt. norms. In that case the bidder has to submit copy of valid registration copy along with the Technical Bid.

The EMD normally remains valid for a period of forty five days beyond the final bid validity period.

Return of EMD

- The earnest money of unsuccessful bidders will be returned to them without any interest within thirty (30) days after awarding the contract and on receipt of written request from the bidders.

Forfeiture of EMD

After receiving the Purchase Order, if the OEM/Authorised Distributors is unable to execute it satisfactorily, the EMD will be forfeited and Siliguri Storage Battery Cluster Services Private Limited, will be constrained to take necessary action against the agency. The EMD is to be submitted along with the Technical Bid. Bid without EMD shall be disqualified and summarily rejected.

Security Deposit

The successful bidder of the contract will have to deposit a security deposit of 5% (Five Percent) of the total Bid Value in the form of Account Payee Demand Draft, drawn in favour of "Siliguri Storage Battery Cluster Services Private Limited", or in the form of a Bank Guarantee on or before the day of allotment. In case of his EMD is retained as part of the security deposit, balance amount has to be deposited by DD drawn in favour of "Siliguri Storage Battery Cluster Services Private Limited" on or before the day of allotment of purchase order.

Performance security should remain valid for a period of sixty days beyond the date of completion of all contractual obligations of the supplier including warranty obligations.

The bid security deposit will be refunded without interest to the successful bidder on receipt of Performance Security.

Performance security will be forfeited in the event of breach of contractual obligations by the supplier.

Opening of the Tender

The offer/bid will be opened by a Committee as constituted by the competent authority of Department of MSSE & T, Govt. of West Bengal for the purpose at the pre-defined place, time and date in the presence of such Bidder(s) and/or their authorized representatives. The bigger envelope (containing the Technical Bid and Price Bid) will be opened first.

In the event of the following, the Technical Bids will summarily be rejected.

- a) EMD is found invalid and unacceptable after opening of the Price Bid, and/or
- b) EMD amount is mentioned anywhere in the Technical Bid.

The Committee will examine the Technical Bids and decide the suitability as per the specification and requirements and also fulfilment of qualification criteria.

Qualification Criteria of the Bidder

- The bidders are to enclose list of similar supplies.
- The bidders having own manufacturing units/infrastructure should have executed/completed the works of similar nature. Supporting documents must be attached with the Technical Bid.
- The bidders must not be blacklisted anywhere in India or abroad by any organization whatsoever. A certificate or undertaking to this effect must be submitted with the Technical Bid.
- The firm should provide Solvency Certificate from any nationalized Bank.
- The firm should not have incurred any loss in more than two years during last three years ending as on 31st March, 2013.
- Each tenderer shall submit only one tender. A tenderer who submits or participates in more than one tender will cause all the proposals with the Tenderer's participation to be disqualified.
- The job should not be sublet without prior approval of the Purchaser.

Late Offer

The Bids/Tenders received after the due date and time will not be considered and the same will be returned unopened to the address of the Bidder.

Completion Period

Supply of all the machineries and equipment (as per tender document) and subsequent commissioning and installation of the same is to be done at the site of the concerned CFC within 60days from the date of issue of Purchase Order.

Validity period of Offer

The Technical Bid and the Price Bid validity should be for a minimum period of 120 days. The Bidders should be ready to extend the validity, if required.

Price: The price should be quoted in Indian Rupees only.

Taxes and duties: If applicable, to be clearly mentioned.

Note: The Purchaser/ SPV shall provide C Form wherever required.

Freight & Insurance: The quoted price of all the items should be inclusive of freight and insurance charges to be delivered at the site of the CFC of the cluster.

Failure of Order Execution: If a successful bidder after receiving the order fails to execute the order within the stipulated period or does not fulfil any of the terms and conditions in any respect, the Purchaser reserves the right to cancel the order unilaterally.

Warranty Declaration:

- Bidders must give the comprehensive on-site **one year** (minimum) warranty from the date of installation of all items against any manufacturing defects and also give the warranty declaration that everything to be supplied by them hereunder shall be free from all defects and faults in materials, workmanship and shall be of the highest quality and materials of the type ordered, shall be in full conformity with the specification.
- Any item with deviation in the material and the specifications from the accepted terms may be liable to be rejected and the bidder need to supply all the goods in the specified form to the satisfaction/specifications specified in the order/contract and demonstrate at their own cost. The payments shall be made only after receiving the materials in the required format and quality to the satisfaction of the concerned authorities.

Payment terms & mile stones

Payment will be made within 45(Forty Five) days from the date of successful installation/commissioning of the machinery and related items as quoted in tenders.

Ordinarily payments for the supplies made will be released only after the supplies have been made. However, efforts will be made to make advance payment, not exceeding 20% of bid value against equivalent amount of Bank Guarantee from any scheduled-A bank.

Sl No.	Completion of Work	Payment
1	Acceptance of Work Order	25% of the total billing amount as advance against equivalent Bank guarantee
2	Dispatch of machinery from	30% of the total billing amount

	vendor premises	
3	On site delivery of the machinery	25% of the total billing amount
4	Successful Installation, Testing & Commissioning of machinery	Remaining 20% of the total billing amount after clearance from Purchase Committee/ Competent authority

Right of the Purchaser

The Purchaser, "Siliguri storage battery cluster services private limited, Siliguri, West Bengal" reserves the right to suspend the Tender process or part of the process, to accept or reject any or all the tenders at any stage of the process and/or to modify the process or any part thereof at any time without assigning any reasons thereto is reserved by the concerned authorities without any obligation or liability whatsoever.

The Purchase Committee reserves the right to make negotiation, if required any, and to work out splitting of the job amongst the successful interested Bidders with a view to completion of the job within the time limit.

Disputes and Jurisdiction

Any legal disputes arising out of any breach of contract pertaining to the whole process of this Tender shall be settled in the Court of Competent Jurisdiction in Darjeeling in the State of West Bengal.

Annexure A

LIST OF MACHINERY FOR CFC OF LEAD ACID BATTERY CLUSTER

S.No	Item	Specifications	Qty
1	Rotary Furnace 2.5 M.T./charge capacity with Pollution Control System	CAPACITY:- 2.5m.t./charge (5-6charges)per day WITH - M.S. Pot 3 M.T. Capacity & a) REFRACTORY LINING b) OIL SUPPLY SYSTEM - 1K.L. F.O. TANK c) FIRING SYSTEM 4a/lap burner F.D. fan d) DUCTING PIPE LINE FLUE COLLECTION CHAMBER e) HYGINE HOOD ON ROTARY CYCLONE f) COLLING UNIT g) FILTER BAGS h) COMPRESSOR i) I.D. FAN j) SCRUBBER k) CHIMNEY 30 METER HIGH l) PENAL BOARD for all operation	1
2	Weighing Scale	a) Two no's, 3000 kg. Capacity electronic weighing scale, accuracy 500 gm., platform size 1200 mm x 1200 mm , M.S. checker plate, (floor level installation by civil work) b) Two no's, 1000 kg. Capacity electronic weighing scale, accuracy 100 gm., platform size 1200mm x 1200mm, M.S. checker plate, (floor level installation by civil work) c) One 15 kg. Capacity electronic weighing scale, accuracy 1 gm., platform size 250 mm x 300 mm d) ONE 0-300gm. , accuracy 10 mg., platform size 110 mm x 110 mm (total six machine)	6

3	Melting & Refining Pots	<p>a) Two M.S. pots capacity – 15 MT made of Boiler grade plate (Thickness- 25 mm)</p> <p>b) Fire bricks lining</p> <p>c) Burners with temp. Controller</p> <p>d) 2 nos. of metal Pumps with proper hood and stirrer derived by motor on pots,</p>	2
4	Air Pollution control system for Pots	<p>a) POT HOODS</p> <p>b) DUCTING</p> <p>c) BAG HOUSE</p> <p>d) I.D. FAN 5 hp</p> <p>e) CYCLONE</p> <p>f) COMPRESSOR 3 hp</p> <p>g) CHIMNEY 30 feet high</p> <p>h) ONE ELECTRICAL PANEL BOARD FOR ALL OPERATION</p> <p>(one complete set for three pots)</p>	1 complete set
5	Ingot Casting System	<p>CHAIN CONVEYOR CASTING MACHINE OF LEAD INGOT</p> <p>a) Speed-2meter/minute</p> <p>b) Length wise sprocket CRS-4MTRS.</p> <p>c) Breaking load maximum-10ton</p> <p>d) Overall size approx-800L X 140W X 90H</p> <p>e) Weight/ingot approx-23kgs.</p> <p>f) NUMBER OF MOULDS- 60NO,S</p> <p>g) length-19mtrs.</p> <p>(one complete set)</p>	1
6	Jib Crane	<p>-One jib crane capacity (not less than) 500 kg. weight lifting (for stirrer etc.).</p> <p>a) LIFTING SYSTEM- supported 10mm wire rope, hook for lifting 360degree universal type up and down movement arrangement by hand set</p> <p>b) Motorized drive</p> <p>(one crane)</p>	1
7	Oil storage tanks and	a) One furnace oil storage tank 15000	2

	<p>pumps</p>	<p>liters capacity</p> <p><u>TANK BODY:-</u> 8mm plate, 3000mmdia 2500mm height vertical type, bottom plate 10mm top cover 6mm 65mm flinch. Bottom supported by 150mm I beam support top cover provided by 500mm inspection hole with flinched cover. Oil inlet pipe 75mm outlet pipe 75mm one gas exhaust pipe as per norms are monkey ladder made of 50mm angel</p> <p><u>OIL PUMP:-</u> one oil lifting/supply pump 200liter/min. capacity, coupled with 1440RPM motor, pump will be provided 4no,s 75mm half round valve (tank filling and tank emptying)</p> <p><u>HEATING SYSTEM:-</u> 5kw heaters 2no,s</p> <p><u>MEASURING GAZE:-</u> oil measuring gaze</p> <p><u>INSULATION:-</u> Tank insulation by ceramic wool & covered by aluminium sheet</p> <p>b)One diesel tank 5000 liters capacity, 1500mmdia 3500mmlength made from 6mm plate both side 8mm mounting on m.s. 6mm pedestal. 50mm outlet, 50mm inlet & bottom cleaning socket 50mm gas pipe 400mm inspection hole with flinch ,pump 150liter/min capacity (two tanks)</p>	
8	<p>Automatic Grid casting machine(Automotive & Industrial)</p>	<p>Suitable for Automotive & Industrial Battery- Capable to cast Calcium & Antimonial Alloy Grids, suitable to cast 2 to 3 panel of grids/min, with lead melting pot of 800Kg. capacity, heating by Automatic oil Burner controlled by Automatic Digital Temperature controller with Lead pump,</p>	2

		<p>water cooling tank fitted with Monobloc Pump fabricated out of FRP for capacity of 200 Ltrs.</p> <p>Machine- a) -Suitable to cast Grid : NS – 40 Pos. & Neg., 7 AH Motorcycle Grids – Pos. & Neg., 2.5 AH Motorcycle Grids – Pos. & Neg., 4 AH Motorcycle Grids – Pos., & Neg.,</p> <p>Machine- b) -Suitable to cast Grid: 5 AH Motorcycle Grids Pos. & Neg., 9 AH Motorcycle Grids Pos. & Neg., 15 AH SLI Pos. & Neg. Grids., 35 AH Industrial Neg Grid., 50 AH Industrial Neg Grid,</p> <p>(2 machines)</p>	
9	High Pressure Die Grid Casting Machine (Hydraulic)	<p>Capacity: 2 Cycles Per Minute-Suitable to cast Tubular Spine Grid, Lead Melting Furnace of 1000 kgs. Capacity and with necessary PLC based controls. Lead melting furnace shall be with Automatic Diesel Burner controlled by Digital Temperature controller. All hydraulic cylinders are driven by hydraulic power pack supplied with machine with a maximum operating pressure of 110 bar. The power pack is equipped with Bladder type accumulator to achieve high piston speed while pumping lead into the mould.</p> <p>Machine- a) - Suitable to cast Positive - 15 spine grids length 500 mm.</p> <p>Machine-b) - Suitable to cast Positive - 15 spine twine grids length 175 mm.</p>	2
10	Spine Trimming Machine	-Suitable to trim tubular Spine Grids at a time and eliminate flash between the spines. The Machine Consists of a Rigid Frame made of MS Angle, on	2

		which the Trimming Punch and Die is mounted. Punch and the Die shall be made of Alloy steel, hardened and ground. Trimming operation is by pneumatic cylinder, controlled by a hand operated switch etc.	
11	Paste making mixture	<p>Suitable for mixing 300Kg of Oxide. The mixing chamber has 2 U-shaped troughs in which 2 nos of Sigma shaped heavy cross section blades made of Stainless Steel, rotates with different speed in opposite directions to mix the paste. The blades rotate on ball bearing enclosed in a C.I housing. The blades are rotated using worm - reduction gearbox driven by induction motor. The inside of the chamber is lined with Stainless Steel sheet. Provision is made in the lid for acid dripping. It has PVC pipe with minute holes drilled on it and connected to a PVC acid filling jar. The mixing chamber is tilted hydraulically to dispose mixed paste. A compact power pack and 2 hydraulic cylinders make up the tilting arrangement.</p> <p>(two machines)</p>	2
12	Automatic grid pasting machine	<ul style="list-style-type: none"> - One cone feeder -Automatic Single side Grid pasting machine 20 to 80 panel/minute pasting capacity with- induction motor and gear box, auto grid feeder driven by geared motor, grid stacking rack various width 260 mm to 360 mm, -The hopper is provided with 5 set masking plates, - One set Flash drying Oven Diesel burner heating with automatic digital controller 20 ft long heating chamber with SS steel conveyor. Etc 	1 complete set
13	Hydraulic pallet pulling	-Heavy wheel mounted fork plated	4

	trolleys	trolley, (suitable for platform size 1200 mm x 1200 mm weighing scale) -Pallet lifting by Hydraulic Jack -Loading capacity 1 Mt.	
14	3 channel battery universal tester	Fully automatic micro computer controlled 3 channels Battery Universal Tester. Design to operate on 1 phase AC input of 200-240 Volts 50 Hz or 3 phase 400-440 volts and capable of Charging/Discharging 1 no 12 volt battery at 0-100 amps from each channel with microcontroller based programmer and 5 channel data logger with computer, printer interface capable of testing the battery for RATED CPACITY/LIFE CYCLE/ ENDURANCE/ AH/ Wh efficiency etc. as per IS 7372, 1651, 14257	1
15	3 channel battery charge / discharge tester	3 channel battery charge discharge tester, capable of charging and discharging 1 .no 12 volt battery at 0-50 amps, designed to operate on 1 phase AC input of 200-240 volts 50HZ.	1
16	Battery high rate discharge tester electronically controlled constant current	High rate discharge tester, capable of conducting high rate discharge test at 50-1000 amps rated for intermittent duty with electronic active load , digital voltmeter, ammeter and timer with non volatile memory and 4 channel data logger etc	1
17	Battery high rate discharge tester	Battery high rate discharge tester, capable of conducting high rate discharge test at 5-50 amps suitable for testing 2 and 3 wheeler batteries.	1
18	Battery vibration tester	Capable of subjecting test battery to vertical vibration of 16 Hz at 5 mm amplitude to test automotive battery of 30-200 AH as per	1
19	3 channel battery rated capacity tester	Capable of conducting capacity test on 1 no 12 volt battery at 0-30 amps related for continuous.	2
20	Battery Charger	Capable of charging 1 to 10 nos. of 12 volt batteries @ 0-20 amps	2

		electronically controlled constant current constant voltage with digital voltmeter ammeter and timer.	
21	Power back up UPS	2 KVA ON LINE UPS with six 12 volt 26 ah SMF battery, for Spectrometer	1

N.B.: 1. Supply of all the above items should be complete with all accessories and drive systems, if necessary.

TENDER FORM

Annexure B

To
The Managing Director
Siliguri Storage Battery Cluster Services Pvt. Ltd
Aurobindo Pally, P.O. Rabindra Sarani
Siliguri , Dist. Darjeeling. Pin Code- 734006

Sub: Supply, installation, testing and commissioning of the machines for CFC of Lead Acid Battery Cluster at Siliguri, Darjeeling District, West Bengal.

Dear Sir,

With reference to the tender invited, I / We have examined the Invitation Notice for Tender, Terms and Conditions, Articles of Agreement, Technical Specifications, List of machinery etc. for the above work. I/We hereby offer to supply, install, test and commission, the machine in conformity with the said work Invitation for Tender, Articles of Agreement, Technical Specifications, and List of Machinery for the sum of Rs..... (Rupees).

We undertake to supply, install, test and commission, the machine for the above work comprised in the Contract within.....calendar months from the date of issuing the Letter of Intent.

I/ We have deposited towards earnest money a sum of Rs..... (Rupees.....) which is not to bear any interest and I/We do hereby agree that the sum shall be forfeited by "Siliguri Storage Battery Cluster Services Private Limited" in the event of our Tender is accepted, and I/We fail to execute the agreement when called upon to do so.

I / We hereby agree that unless and until the formal agreement is prepared and executed in accordance with the articles of agreement, this tender together with your written Letter of Intent thereof, shall constitute a binding Contract between us.

I / We hereby understand that you are not bound to accept the lowest or any tender you may receive and work may be divided into more than one tenderer at the discretion of the competent authority.

Name and Postal address of the firm :

Telephone Number (with STD Code) :

Name & address of the Directors/ Partners/
Proprietor :

Name of the Banker with Account Number :

Nature of business :

Address and phone number of the Works :

VAT Registration No. :

Details of Earnest Money (Draft should be drawn
in favour of **Siliguri Storage Battery Cluster
Services Pvt. Ltd**, payable at **Siliguri**) :

Other documents submitted:

1. Trade license issued by competent authority.
2. Proof of carrying out of similar work earlier.
3. Status of the firm regarding quality certification (ISO certification) if any
4. I.T clearance certificate.
5. Photocopy copy of PAN card.
6. P. Tax Clearance certificate.
7. Audited balance sheet for the last 3 years.

All the statements given and documents submitted herein are true to best of my/our knowledge. I/we will be liable for any deviation of specification as envisaged in tender documents and abide by the terms and conditions of the work order.

Enco: As stated along with rate/quotation & Bank draft.

Date:

Place:

Signature & Seal of the tenderer

ARTICLES OF AGREEMENT

PURCHASER: **Siliguri storage battery cluster services private limited**, Siliguri (Govt. Regd. No.), Aurobinda Pally, P.O. Rabindra Sarani, Siliguri – 734006 (West Bengal).

PROJECT: Supply, install, test and commission the machines for CFC of Lead Acid Battery Cluster at Siliguri, Darjeeling Dt., West Bengal

TITLE OF CONTRACT: Supply, install, test and commission the machine and equipment for Lead Acid Battery Cluster, Siliguri

This agreement, made on the _____ day of _____ 2014 BETWEEN Siliguri storage battery cluster services private limited, Siliguri, (Govt. Regd. No. xxxxxxxxxxxx) Aurobinda Pally, P.O. Rabindra Sarani, Siliguri – 734006 (West Bengal). (hereinafter called the "Purchaser" which term shall unless excluded by and repugnant to the context hereof include its executors, administrators, successors and permitted assigns) of the **ONE PART** and M/s -----

----- having Registered Office at -----
-----and its local office at

------(hereinafter referred to as the "SUPPLIER/ CONTRACTOR" which term shall unless excluded by and repugnant to the context shall mean and include its executors, administrators, successors and permitted assigns and heirs) of the **OTHER PART**.

WHEREAS The Purchaser is desirous that certain WORK should be EXECUTED, viz. the "Supply, installation, testing and commissioning the machine and equipment for Lead Acid Battery Cluster" in connection with the proposed work and has accepted a tender by the SUPPLIER/CONTRACTOR for the supply/ installation and completion of such work, maintenance of such work till handing over to the Purchaser (and/or till the end of the defect liability period)

AND WHEREAS the Purchaser by a Letter of Intent bearing no. ----- dated -----
----- advised the Supplier/Contractor of its intention to award supply, installation, testing and commissioning of machinery/ equipment for CFC of Lead Acid Battery Cluster at Siliguri for a sum of

Rs.-----
----- (Rupees -----) only or
such other sum or sums as may be determined in accordance with the CONTRACT.

NOW THIS AGREEMENT WITNESSETH as follows:

1. In this agreement, words and expression shall have the same meanings as are respectively assigned to them in the General and Special Conditions of Contract hereinafter referred to, and they shall be deemed to form and be read and construed as part of this agreement.

2. The following documents shall be deemed to form and be read and construed as part of this agreement, viz:

- a) Notice Inviting Tender (NIT) ,
- b) Instruction to Tenderers
- c) General Conditions of Contract (GCC)
- d) Special Conditions of Contract (SCC)
- e) Form of Tender
- f) Technical Specifications, etc.

3. In consideration of the payments to be made by the Purchaser to the Contractor for the supply and installation of the equipment and machinery to be executed by him, the Contractor hereby covenants with the Purchaser to execute and complete the WORK and maintain the WORKS in conformity in all respects with the provisions of the CONTRACT.

4. The Purchaser hereby covenants to pay Contractor in consideration of the execution and completion of the WORKS and maintenance of the WORKS in conformity and in all respects with the provisions of the CONTRACT, the CONTRACT Price at the times and in the manner prescribed by the CONTRACT.

IN WITNESS whereof the Parties have executed these presents on the day and the year first above written.

Signed, Sealed and Delivered
for and on behalf of the Purchaser

Designation:

Date:

Place:

In presence of
(WITNESS)

Signed, Sealed and Delivered
for and on behalf of the Contractor

Designation:

Date:

Place:

In presence of
(WITNESS)

- 1.
- 2.

- 1.
- 2.

Letter of Acceptance

(Letterhead paper of the Purchaser)

Ref. No.

Date:

To

(Name & Address of the Contractor)

Dear Sirs,

This is to notify you that your tender datedfor execution for supply, installation, testing and commissioning of machinery/ equipment for CFC of Lead Acid Battery Cluster at Silligurii, against NIT No. _____, for the Contract Price of Rs (Rupees ----- only), is hereby accepted by us.

You are hereby requested to furnish Initial Security Deposit as per Conditions of Contract in the form of Bank Guarantee for an amount of Rs.(Rupees) within 15 (fifteen) days of receipt of this letter of acceptance and to sign the contract agreement, failing which action as stated vide clause no. ----- of Instructions to Tenderers will be taken.

Yours faithfully,

Authorized Signature

Name and Title of Signatory

Name of Corporation

Issue of Notice to proceed with the work

(Letter head paper of the Purchaser)

Ref. No.

Date:

To

(Name & Address of the Contractor)

Dear Sirs,

Pursuant to your furnishing the requisite Initial Security Deposit as stipulated clause of Conditions of Contract and signing of the Contract Agreement for the execution of supply, installation, testing and commissioning of machinery/ equipment for CFC of Lead Acid Battery Cluster at Silliguri against NIT No _____ @ a tender price Rs.----- (Rupees -----) you are hereby instructed to proceed with the execution/ supply, installation, testing and commissioning of machinery/ equipment for CFC of Lead Acid Battery Cluster at Silliguri, Darjeeling District in accordance with the contract documents.

Yours faithfully,

(Signature, Name and Title of
The Authorized Signatory to
sign On behalf of Purchaser)

FORMAT OF BANK GUARANTEE FOR SECURITY DEPOSIT

1. We _____ (hereinafter referred to as the Bank) at the request of _____ and address _____ hereinafter called the Contractor do hereby undertake to _____ (hereinafter called the Purchaser) an amount not exceeding Rs. _____ (Rupees _____) only for any breach in successful completion of supply, install, testing and commissioning of machinery/ equipment for CFC of Lead Acid Battery Cluster at Silliguri, Darjeeling Dt. as per the agreement to be executed between the Purchaser and the Contractor.
2. We _____ (indicate name of Bank) do hereby undertake to pay the amount payable under this Guarantee without any demur, merely on a demand from the Purchaser stating that the amount claimed is due by way of loss or damage caused to or would do caused to or suffered by the Purchaser by reason of breach by the said contractor(s) of any of the terms and conditions contained in the said agreement relating to supply, install, testing and commissioning of machinery/ equipment for CFC of Lead Acid Battery Cluster at Silliguri, Darjeeling Dt for any such demand made on the Bank shall be conclusive as regards the amount due and payable by the Bank under this guarantee. However, our liability under this guarantee shall be restricted to an amount not exceeding Rs. _____ (Rupees _____ only).
3. We undertake to pay to the Purchaser any money so demanded notwithstanding any dispute(s) raised by the Supplier(s)/Contractor(s) in any suit or proceedings pending before any court or Tribunal relating thereto our liability under this present being absolute and unequivocal. The payment so made by us under this bond shall be as valid discharge of our liability for payment there under the contractor(s) / supplier(s) shall have no claim against us for making such payment.
4. We, _____ (indicate name of the Bank) further agree that the guarantee herein contained shall remain in full force and effect during the period that would be taken for the performance of the said Agreement and that it shall continue to be enforceable till all the dues of the Purchaser only relating to the work of supply, installation, testing and commissioning of machinery/ equipment for CFC of Lead Acid Battery Cluster at Silliguri, Darjeeling Dt, tender/offer under or by virtue of the said Agreement have been fully paid and its claims satisfied or discharged.

Unless a demand or claim under this guarantee is made on us in writing on or
Page | 28

before _____, we shall be discharged from all liability under this guarantee thereafter.

5. We _____ (indicate name of the Bank) further agree with the Purchaser that the Purchaser shall have the fullest liberty without our consent and without affecting in any manner our obligations hereunder to vary any of the terms and conditions of the said Agreement or to extend time of performance by _____ the said Contractor(s) from time to time or to postpone for any time or from time to time any of the powers exercisable by the Purchaser against the said contractor(s) and to forbear or enforce any of the terms and conditions relating to the said agreement and we shall not be relieved from our liability by reasons of any such variation, or extension being granted to the said contractor(s) or for any forbearance, act or omission on the part of the Purchaser or any indulgence by the Purchaser to the said contractor(s) or by any such matter or thing whatsoever which under the law relating to sureties would, but for this provision have effect or so relieving us.
6. This guarantee will not be discharged due to the change in the constitution of the Bank or the Contractor(s) / Supplier(s).
7. We _____ (Name of the Bank) lastly undertake not to revoke this guarantee during its currency except with the previous consent of the Purchaser in writing.
8. This bank guarantee will remain valid for a period of 7 (seven) months, including 1 month of claim period, if arising out of any conditions mentioned herewith in this document.

Cover Letter – Technical Bid

To
The Managing Director
Siliguri Storage Battery Cluster Services Pvt Ltd
Aurobinda Pally, P.O. Rabindra Sarani,
Siliguri, West Bengal
Pin Code- 734006

Sub: Submission of Technical Bid for Supply, Installation, Testing and Commissioning of the machinery and equipment for the common facility centre of the Siliguri Storage Battery Cluster, Siliguri, Dist. Darjeeling, West Bengal

Ref No. NIT No: CFC/SSBCSPL/Tender/P&M/2014-15/dated 21.06.2014

Sir
Having gone through and carefully examined the N.I.T Documents and Instructions to Bidders including the Statutory, Technical documents, I/We hereby submit all the necessary information and relevant documents of Technical Bid for evaluation.

The application is made by me/us on behalf of M/s..... duly authorised to submit the bid.

I/We certify that the information provided in the proposal are true to the best of our knowledge and understand that any variation to the same may lead to rejection of our proposal.

I/We understand that you are not bound to accept any proposal you receive.

Yours sincerely

Authorised Signatory (In full and initials)
Name and Title of Signatory
Name of the Agency
Address

Date:
Place:

Format for Statutory document list

Sl No	Statutory Document Name	Document Number	Issuing Authority	Date
-------	-------------------------	-----------------	-------------------	------

Format for P&M list bidder intend to supply

SI No	Machinery Name	Specification	Manufacturer	Warranty Period

Annexure H
Cover Letter – Financial Bid

To
The Managing Director
Siliguri Storage Battery Cluster Services Pvt Ltd
Aurobinda Pally, P.O. Rabindra Sarani,
Siliguri, West Bengal
Pin Code- 734006

Subject: Financial Bid Cover Letter

Ref No. NIT No: CFC/SSBCSPL/Tender/P&M/2014-15/dated 21.06.2014

Sir

I/We, the undersigned, are pleased to submit our Financial Bid for appointment as Supplier of Plant and Machineries in accordance with Tender under reference.

My/Our Financial Bid is unconditional and we acknowledge that any condition attached to the financial bid shall result in rejection of our proposal. My/ Our Financial Bid shall be binding upon us subject to the modifications resulting from Contract negotiations, up to expiration of the validity of the Tender.

I/We understand that you are not bound to accept any Proposal you receive.

Yours sincerely

Authorised Signatory (In full and initials)
Name and Title of Signatory
Name of the Agency
Address

Date:

Place:

Format for Financial Bid – According to Schedule A

Sl No	Name of the Plant Machinery/ Testing Machinery/ Measuring & Hand Tools/ DG Set etc.	Specification	Qty	Unit	Quoted Unit Rate in Rs. (Figure)	Total Amount	
						In Figure	In Words

Total Amount for Annexure No.....
Total Bid value combining all annexure (in INR).....
[Please furnish separate format for each annexure]