

SINDH PUBLIC PROCUREMENT REGULATORY AUTHORITY

CONTRACT EVALUATION FORM

TO BE FILLED IN BY ALL PROCURING AGENCIES FOR PUBLIC CONTRACTS OF WORKS, SERVICES & GOODS

- 1) NAME OF THE ORGANIZATION / DEPTT. SINDH BANK LIMITED/ADMINISTRATION
- 2) PROVINCIAL / LOCAL GOVT./ OTHER SCHEDULED BANK
- 3) TITLE OF CONTRACT Procurement of Solar Hybrid PV Syst. to Sindh Bank Branches
- 4) TENDER NUMBER SNDB/COK/ADMIN/TD/865/2017
- 5) BRIEF DESCRIPTION OF CONTRACT Same as Above
- 6) FORUM THAT APPROVED THE SCHEME Competent Authority
- 7) TENDER ESTIMATED VALUE Rs. 65,000,000/-
- 8) ENGINEER'S ESTIMATE
(For civil works only) -
- 9) ESTIMATED COMPLETION PERIOD (AS PER CONTRACT) 1 year
- 10) TENDER OPENED ON (DATE & TIME) 15/12/2017 At 1100 Hours
- 11) NUMBER OF TENDER DOCUMENTS SOLD 02
(Attach list of buyers)
- 12) NUMBER OF BIDS RECEIVED 02
- 13) NUMBER OF BIDDERS PRESENT AT THE TIME OF OPENING OF BIDS 02
- 14) BID EVALUATION REPORT
(Enclose a copy) 27/12/2017 Attached
- 15) NAME AND ADDRESS OF THE SUCCESSFUL BIDDER M/s. Renewable Power (Pvt) Ltd, Office No. 1310,
13th Floor, Al Najeebi Towers, Ayha Khan
Road, Saddar Road, Karachi
- 16) CONTRACT AWARD PRICE Rs. 50,550,000/-
- 17) RANKING OF SUCCESSFUL BIDDER IN EVALUATION REPORT
(i.e. 1st, 2nd, 3rd EVALUATION BID). 1) M/s. Renewable Power (Pvt) Ltd.
2) M/s. Solar Tech PV Silicon - USMAN ENGINEER (JV)
- 18) METHOD OF PROCUREMENT USED : - (Tick one)
- a) SINGLE STAGE – ONE ENVELOPE PROCEDURE Domestic/ Local
- b) SINGLE STAGE – TWO ENVELOPE PROCEDURE
- c) TWO STAGE BIDDING PROCEDURE
- d) TWO STAGE – TWO ENVELOPE BIDDING PROCEDURE

PLEASE SPECIFY IF ANY OTHER METHOD OF PROCUREMENT WAS ADOPTED i.e. EMERGENCY, DIRECT CONTRACTING ETC. WITH BRIEF REASONS:

19) APPROVING AUTHORITY FOR AWARD OF CONTRACT _____ COMPETENT AUTHORITY _____

20) WHETHER THE PROCUREMENT WAS INCLUDED IN ANNUAL PROCUREMENT PLAN?

Yes	<input checked="" type="checkbox"/>	No	<input type="checkbox"/>
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21) ADVERTISEMENT :

i) SPPRA Website
(If yes, give date and SPPRA Identification No.)

Yes	<input checked="" type="checkbox"/>	SPPRA S. No: 35382/2017	<input type="checkbox"/>
No	<input type="checkbox"/>		<input type="checkbox"/>

ii) News Papers
(If yes, give names of newspapers and dates)

Yes	<input checked="" type="checkbox"/>	Express Tribune, Daily Express & Sindhi Express (23rd Nov, 2017) <i>Corrigendum (12/12/2017)</i>	<input type="checkbox"/>
No	<input type="checkbox"/>		<input type="checkbox"/>

22) NATURE OF CONTRACT

Domestic/ Local	<input checked="" type="checkbox"/>	Int.	<input type="checkbox"/>
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23) WHETHER QUALIFICATION CRITERIA WAS INCLUDED IN BIDDING / TENDER DOCUMENTS?
(If yes, enclose a copy)

Yes	<input checked="" type="checkbox"/>	No	<input type="checkbox"/>
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24) WHETHER BID EVALUATION CRITERIA WAS INCLUDED IN BIDDING / TENDER DOCUMENTS?
(If yes, enclose a copy)

Yes	<input checked="" type="checkbox"/>	No	<input type="checkbox"/>
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25) WHETHER APPROVAL OF COMPETENT AUTHORITY WAS OBTAINED FOR USING A METHOD OTHER THAN OPEN COMPETITIVE BIDDING?

Yes	<input type="checkbox"/>	No	<input checked="" type="checkbox"/>
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26) WAS BID SECURITY OBTAINED FROM ALL THE BIDDERS?

Yes	<input checked="" type="checkbox"/>	No	<input type="checkbox"/>
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27) WHETHER THE SUCCESSFUL BID WAS LOWEST EVALUATED BID / BEST EVALUATED BID (in case of Consultancies)

Yes	<input checked="" type="checkbox"/>	No	<input type="checkbox"/>
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28) WHETHER THE SUCCESSFUL BIDDER WAS TECHNICALLY COMPLIANT?

Yes	<input checked="" type="checkbox"/>	No	<input type="checkbox"/>
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29) WHETHER NAMES OF THE BIDDERS AND THEIR QUOTED PRICES WERE READ OUT AT THE TIME OF OPENING OF BIDS?

Yes	<input checked="" type="checkbox"/>	No	<input type="checkbox"/>
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30) WHETHER EVALUATION REPORT GIVEN TO BIDDERS BEFORE THE AWARD OF CONTRACT?
(Attach copy of the bid evaluation report)

Yes	<input checked="" type="checkbox"/>	No	<input type="checkbox"/>
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31) ANY COMPLAINTS RECEIVED
(If yes, result thereof)

Yes	
No	No

32) ANY DEVIATION FROM SPECIFICATIONS GIVEN IN THE TENDER NOTICE / DOCUMENTS
(If yes, give details)

Yes	
No	No

33) WAS THE EXTENSION MADE IN RESPONSE TIME?
(If yes, give reasons)

Yes	Yes Corrigendum (12/12/17)
No	No

34) DEVIATION FROM QUALIFICATION CRITERIA
(If yes, give detailed reasons.)

Yes	
No	No

35) WAS IT ASSURED BY THE PROCURING AGENCY THAT THE SELECTED FIRM IS NOT
BLACK LISTED?

Yes	<input checked="" type="checkbox"/>	No	<input type="checkbox"/>
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36) WAS A VISIT MADE BY ANY OFFICER/OFFICIAL OF THE PROCURING AGENCY TO THE
SUPPLIER'S PREMISES IN CONNECTION WITH THE PROCUREMENT? IF SO, DETAILS TO
BE ASCERTAINED REGARDING FINANCING OF VISIT, IF ABROAD:
(If yes, enclose a copy)

Yes	<input type="checkbox"/>	No	<input checked="" type="checkbox"/>
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37) WERE PROPER SAFEGUARDS PROVIDED ON MOBILIZATION ADVANCE PAYMENT IN
THE CONTRACT (BANK GUARANTEE ETC.)?

Yes	<input type="checkbox"/>	No	<input checked="" type="checkbox"/>
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38) SPECIAL CONDITIONS, IF ANY
(If yes, give Brief Description)

Yes	
No	No

39) Date of Award of Contract: 09/01/18
Signature & Official Stamp of L/CO (R) Shahzad Begg
Authorized Officer EVP/Head of Administration
SINDH BANK LIMITED

FOR OFFICE USE ONLY

SPPRA, Block. No.8, Sindh Secretariat No.4-A, Court Road, Karachi
Tele: 021-9205356; 021-9205369 & Fax: 021-9206291

Print

Save

Reset

SNDB/COK/ADMIN/TD/865/2017

Dated: 09/01/2018

M/s. Renewable Power (Pvt.) Ltd
Office No.1310,
13th Floor. Al Najeebi Tower.
Agha Khan Road.
Saddar,
Karachi.

Subject: Contract Award-Procurement of Solar Hybrid PV System for Sindh Bank Limited Branches

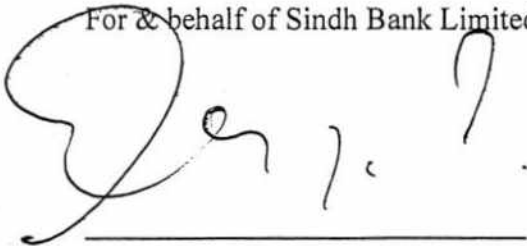
Dear Sir,

The management of Sindh Bank Limited is pleased to award the subject contract to M/s. Renewable Power (Pvt.) Ltd for supply & installation of Solar Hybrid PV Systems for 50 Branches amounting to Rs.50,550,000/- in accordance with terms and conditions mentioned in our Tender No: SNDB/COK/ADMIN/TD/865/2017 dated 23/11/2017.

Please acknowledge.

Sincerely,

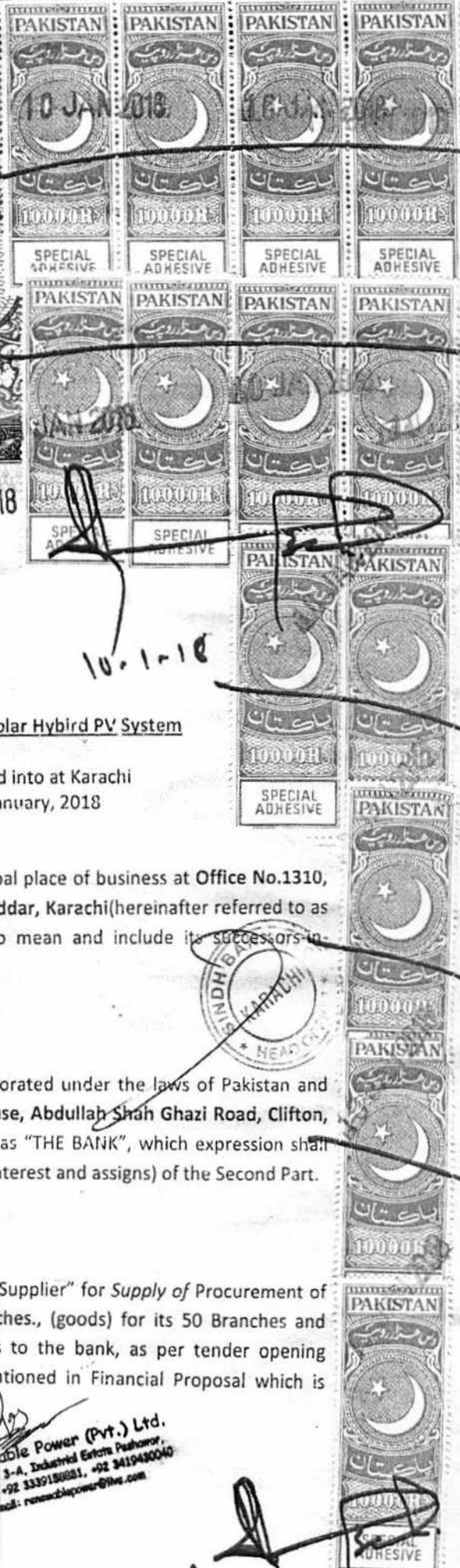
For & behalf of Sindh Bank Limited,



Lt. Col. (R) Shahzad Begg
EVP/Head of Administration Division

L557205

Ch No 144
10/1/18 176,925



Muhammad Adeel Anvi Stamp Vendor
Licence No. 143 High Court Of Sindh

09 JAN 2018

No. 3019 Date: 09 JAN 2018
Used To With Address: KARACHI
Target With Address: TAHA SIDDIQUI
ADVOCATE
Phone No: 1261261261

Agreement for Procurement of Solar Hybrid PV System

THIS AGREEMENT is entered into at Karachi
on this the 09th day of January, 2018

BETWEEN

M/S. Renewable Power (Pvt) Ltd, having its principal place of business at Office No.1310,
13th Floor, Al-Najeebi Tower, Agha Khan Road, Saddar, Karachi (hereinafter referred to as
"Supplier", which expression shall be deemed to mean and include its successors-in-
interest and assigns) of the First Part;

AND

SINDH BANK LIMITED, a banking company incorporated under the laws of Pakistan and
having its Head office at 3rd Floor, Federation House, Abdullah Shah Ghazi Road, Clifton,
Karachi-75600, Pakistan. (Hereinafter referred to as "THE BANK", which expression shall
be deemed to mean and include its successors-in-interest and assigns) of the Second Part.

WHEREAS:

"SINDH BANK" intends to acquire the services of "Supplier" for Supply of Procurement of
Solar Hybrid PV System for Sindh Bank Ltd Branches., (goods) for its 50 Branches and
Supplier agrees to provide the following services to the bank, as per tender opening
date 15/12/2017, along with Price Schedule mentioned in Financial Proposal which is
attached herewith and marked as Annexure-A.

The terms and conditions are as follows:

Renewable Power (Pvt.) Ltd.
Plot No. 3-A, Industrial Estate Peshawar,
Contact: +92 3339180881, +92 3419430040
Email: renewablepower@rps.com

10-1-18

CE No 144
10/1/2018

176900

Terms & Conditions:

All terms and conditions of the tender document will remain part of this agreement.

A notice of 10 days will be given prior to the opening of the branch and it will be expected that the requisite will be installed at least 5 days prior to the opening of the branch. The tentative quantity for branches to be opened in 2017 may vary as per the schedule of opening of branches, and accordingly Bank will not be responsible if the quantity is decreased. In this context no claim will be entertained.

Initial supplies will be required to be given after 30 days of award of contract. Subsequent supply will be required within ten days of issuance of purchase order. A fine of Rs 5,000/- per day will be charged, if after expiry of 10 days' notice, the supplies are not supplied, till the requisite is completed.

In the event of the default on the part of the Supplier, in the performance of any condition of the contract/tender or delay in supply of the requisites after a lapse of 15 days of the issuance of the purchase order, it shall be lawful for the Bank to forfeit the performance security and cancel the whole part of the supply order or cancel the contract. Decision of the Bank will be final and will be legal binding on the Supplier.

Supplier agrees to maintain adequate inventory of the parts so that the replacement is available within 24 hours, if any fault arises in the goods supplied during the warranty period. In case the effected part is not available, then the Supplier will provide the backup of the same product/item or better till the resolution of the fault is met, without any extra cost to the Bank.

The Supplier also undertakes to bear all kind of taxes i.e. Stamp duty/ Services Charges/Professional Tax / Sales Tax Invoice, Income Tax, Zila / Octroi Tax (if any) and all other incidental charges etc, up to the place of destination.

The Bank reserves the right to test/check the goods to ensure that it is provided as per specification in the tender document. For any discrepancies, at the time of supply or later, the Bank reserve the right to forfeit full performance security and cancel the tender and initiate the process for blacklisting of the Supplier. The decision of the Bank shall be final and binding upon the Supplier.

Delivery will be made by the Supplier at different locations prescribed by the Bank.

The cost must include all applicable taxes (including stamp duty), installation, labor including delivery charges upto the branches of the Bank on countrywide locations.

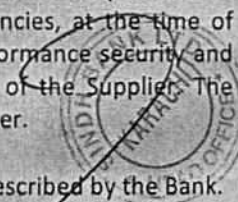
No advance payment for supply and installation of goods will be made, bills will only be processed for necessary payment on receipt of certificate of delivery/satisfaction from the branch manager.

Supplier binds/undertakes that in case of any observation arising in respect of quality/performance of the goods within the warranty period, the supplier will be liable to address it at his own cost within 24 hours. Non-compliance of the same will result into initiation of a case against the company for non-commitment and forfeiting of performance security or any other action as deemed necessary.

Any notice, request or consent required or permitted to be given or made pursuant to this agreement shall be in writing. Any such notice, request or consent shall be deemed to have been given or made when delivered in person to an authorized representative of the Party to whom the communication is addressed, or when sent to such Party at the given address.

15-1-18

Renewable Power (Pvt.) Ltd.
Plot No. 3-A, Industrial Estate Peshawar.
Contact: +92 3339156881. +92 3419430040
Email: renewablepower@rps.com



Stamp Office, Peshawar
18 JAN 2018

- A party may change its address for notice by giving a notice to the other Party in writing of such change.

Warranty

- The warranty of the goods/items is as follows from the date of delivery.
1. Warranties – 1 Year for Complete Workmanship; 2 Years for Inverter & Batteries & 10 Years replacement warranty for Solar Panel.
 2. Accordingly given surety will be kept by the Bank.
 - a. Inverters - 10% payment will be made after warranty completion period of 2 years.
 - b. Batteries -10% payment will be made after warranty completion period of 2 years.
 - c. Panels – Renewable Power Pvt Ltd will have to obtain extended warranty coverage of solar panel from reputable & registered warranty/extended Warranty Company for a period of 15 years (renewable every year) at his own cost and will provide duplicate copy of warranty policy favouring Sindh Bank Ltd as beneficiary

Completion of Assignment

- a. One month after award of contract in upcoming 23 branches.
- b. Two month after award of contract in existing 27 branches.
- c. A fine of 2% will be levied for number of days delayed in both the above cases.

Payment Schedule:

100 % payment of total amount of invoice after the supply of goods on per branch basis will be paid to the supplier on receipt of certificate duly signed and stamped of delivery/satisfaction from the concerned branch. If the obligation of warranty period are not met or delayed, the repair etc. requirement on this account will be carried out by the bank & the billed amount will be deducted from the performance security/ upcoming payment due to supplier. Risk & subsequent cost to this effect if any will be liability of the vendor and any subsequent expenses on the equipment will also be borne by the supplier

Performance Guarantee:

10% of the total tender amount of will be retained by the Bank as "Performance Security" and will be returned to the supplier after 90 days of supply of complete tender items, including satisfactory confirmation by the branch managers, where the items have been supplied.

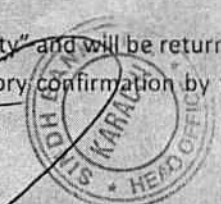
Authorized Representative:

- Any action required or permitted to be taken, and any document required or permitted to be executed under this agreement by the Bank or the Supplier may be taken or executed by the officials.

Termination of Agreement by the Bank:

- If the Supplier, in the judgment of the Bank has engaged in corrupt or fraudulent practices in competing for or in executing the Agreement.
- If, as the result of Force Majeure, the Supplier is unable to perform a material portion of the Services for a period of not less than thirty (30) days; and
- If the Bank, in its sole discretion and for any reason whatsoever, decided to terminate this Agreement.
- If two (2) unsatisfactory letters/emails are issued by the Bank for unsatisfactory performance to the supplier.

Renewable Power (Pvt.) Ltd.
Plot No 3-A Industrial Estate Peshawar
Contact +92 3339158881, +92 3419430040
Email: renewablepower@rplive.com



Handwritten signature or initials.

Goods Faith:

The Parties undertake to act in goods faith with respect to each other's rights under this agreement and to adopt all reasonable measures to ensure the realization of the objectives of this agreement

Settlement of Disputes:

The Parties agree that the avoidance or early resolution of disputes is crucial for a smooth execution of the Agreement and the success of the assignment. The Parties shall use their best efforts to settle amicably all disputes arising out of or in connection with the Agreement or its interpretation.

- If Parties fail to amicably settle any dispute arising out of or in connection with the Agreement within (10) days of commencement of such informal negotiations, the dispute shall first complaint redressal committee of the bank and if parties could not reach at amicable situation, then the matter will be referred to the grievance committee of Bank and if matter could not be resolved the matter will be referred for arbitration of two arbitrators, one to be appointed by each party, in accordance with the Arbitration Act, 1940. Venue of arbitration shall be Karachi, Pakistan and proceedings of arbitration shall be conducted in English.

Conflict of Interest:

- The Supplier shall hold the Bank's interests paramount, without any consideration for future work, and strictly avoid conflict with other assignments or their own corporate interests.

Sub-Clauses of Conditions of Contract

Time for Completion:

90 days of supply & installation, 01 year of operation & maintenance services including warranty period of 2 years for Inverter, Batteries and 10 years of replacement warranty for Solar Panels Product Warranty and 25 years Solar Panels 80 % Performace Gurantee.

Documents forming the Contract listed in the order of priority:

- (a) The Contract Agreement
- (b) Letter of Acceptance
- (c) The completed Form of Bid
- (d) Contract Data
- (e) Conditions of Contract
- (f) The completed Schedules to Bid including Schedule of Prices including Corrigendum and Addendum
- (g) The Drawings, if any (provided by the contractor)
- (h) The Specifications

Provision of Site: On the Commencement Date

Authorized person: Waqar Ali Mughal

Name and address of Engineer's/Procuring Agency's representative
Mr. Mohammed Saleem Chief Engineer, Sindh Bank Ltd

Performance Security:

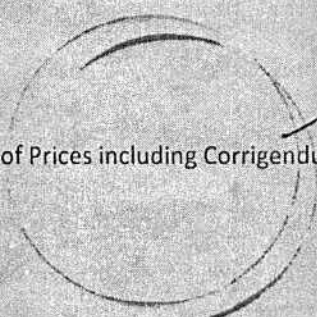
Amount Rs. 5,000,000/- (Rupees Five Million Only) Validity 01 years.

5,055,000/-

Five Million and Fifty Five Thousand only

Waqar
Renewable Power (Pvt) Ltd.
Plot No. 3-A, Industrial Estate Peshawar.
Contact: +92 3339158881. +92 3419430040
Email: renewablepower@live.com

Waqar
Renewable Power (Pvt) Ltd.
Plot No. 3-A, Industrial Estate Peshawar.
Contact: +92 3339158881. +92 3419430040
Email: renewablepower@live.com



Programme:

Time for submission: Within NINETY (90) days* of the Commencement Date.

Form of programme: Bar Chart/CPM/PERT

Amount payable due to failure to complete shall be 0.075% per day up to a maximum of (10%) of sum stated in the Letter of Acceptance (Usually the liquidated damages are set between 0.05 percent and 0.10 percent per day)

Early Completion

In case of earlier completion of the Work, the Contractor is entitled to be paid bonus upto limit and at a rate equivalent to 50% of the relevant limit and rate of liquidated damages stated in the contract data.

Period for remedying defects

Two Months (2 months)

Arbitration

Place of Arbitration: Karachi

Product Liability

(Following conditions may vary subject to any addition or change in agreed conditions and will be finalized before award of contract)

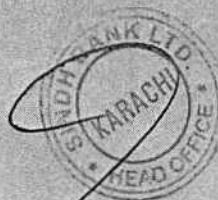
- The Seller shall be liable for any lack of conformity in goods. The Seller shall be liable to take data of inverters, batteries and solar panels at least one time in month for a period of one year.
- The Seller declares that the goods during warranty period from the date of collection by the Buyer will remain fit for the purposes for which the goods would ordinarily be used or during this period will retain specified qualities (hereinafter referred to as the "Warranty Period").
- If the Buyer discovers any defect during the Warranty Period, the Buyer shall give written notice of the defect to the Seller and not later than within 15 days after such defect had been detected.
- In the written notice specifying the defect, Seller shall have the following options.

- a) Replace the defective goods by new one/repair it under warrantee period as stated in warranty document.
- b) Replace/Repair the defective goods if the defects are repairable which is entirely upon the discretion of the Buyer beyond warrantee period. If repair of goods require more time, then the Seller should provide the alternate solution on temporary basis.

-The Seller upon receipt a notice from the Buyer stating the defect promptly shall give a written statement and reply whether he accepts the claim for defects or not.

CONFIDENTIALITY

- i. **Confidential Information.** For the purposes of the Agreement, the term "Confidential Information" shall mean any information comes in possession of BIDDER NAME and its personnel during normal course of business / Services shall be the property of the SNDB at all times and / or any of the SNDB's communications, whether in oral, written, graphic, magnetic, electronic, or other form, that is either conspicuously marked



Renewable Power (Pvt.) Ltd.
Plot No. 3-A, Industrial Estate Park Chowk
Karachi - 75300
Phone: 3339158861, 3339158862, 3339158863
Fax: 3339158864

"confidential" or "proprietary," or is known to be confidential or proprietary, or is of a confidential or proprietary nature, and that is made in the course of discussions, studies, or other work undertaken shall be kept confidential by BIDDER NAME.

- ii. BIDDER NAME acknowledges that SNDB is under strict confidentiality obligations with regard to all the information and affairs of its Customers. Therefore, BIDDER NAME shall not disclose any data, information or other affairs of SNDB's customers which may come to the knowledge of BIDDER NAME in providing the above services. BIDDER NAME undertakes to obtain from its employees involved in the Services written undertakings to maintain the confidentiality obligations of BIDDER NAME under this Agreement.
- iii. In the event of breach of aforesaid clauses, BIDDER NAME shall be liable to pay damages to the SNDB hereby indemnifies SNDB against any loss arising out of any breach of this clause by the SNDB.
- iv. This clause shall survive termination of the Agreement.
- v. For the purpose of clarity, such information does not need confidentially if the same
 - a. Has been lawfully obtained by the BIDDER NAME, free of any duty of confidentiality, other than directly or indirectly from disclosing party.
 - b. Was already in the TCS's possession other than as a result of a breach of this clause 7.
 - c. Is in the public domain other than as a result of a breach of this clause 7.
 - d. Is necessary disclosed pursuant to a statutory and legal obligation or the order of any court of competent jurisdiction or official body including SBP having authority to require disclose.

Ensuring Access to SBP

BIDDER NAME and SNDB agree to provide to State Bank of Pakistan necessary access to the documentation and accounting records in relation to the activities and right to conduct on-site to BIDDER NAME, if required.

Indemnity

Bidder Name (the "Indemnifier") agrees that it shall indemnify, defend, and hold harmless the SNDB and its parent, subsidiaries, affiliates, successors, and assigns and their respective directors, officers, employees and agents (collectively, the "Indemnities") from and against any and all liabilities, claims, suits, actions, demands, settlements, losses, judgments, costs, damages and expenses (including, without limitation, reasonable attorneys', accountants' and experts' fees) arising out of or resulting from, in whole or in part: (i) any act, error or omission, whether intentional or unintentional, by the Indemnifier or its officers, directors, employees, or sub-administrators, related to or arising out of the business covered by this Agreement, or (ii) an actual or alleged breach by the Indemnifier of any of its representations, warranties or covenants contained in this Agreement (including, without limitation, any failure of Indemnifier to comply with applicable local, state, provincial or federal regulations concerning Indemnifier's performance under this Agreement).

This Article shall survive termination of this Agreement.


Support Escalation Matrix:

For timely addressing of complaints given support escalation matrix will be utilized/followed:-

Renewable Power (Pvt.) Ltd.
Plot No. 3-A, Industrial Estate Peshawar.
Contact: +92 3339156881, +92 3419430040
Email: renewablepower@rpl.com

LEVEL-1	Name/Designation (support staff)	Haris Khan
First complain if the call is not resolved "within specified response time" (24 hours)	Landline Phone	+92-21-32711345-46-47
	Email	hariskhan7213@gmail.com haris@renewablepower.com.pk
	Cell	+92 3422701676
LEVEL-2	Name/Designation (Regional Head/Manager/GM)	Agha Tehseen
Second complain, if the call is attended within "Specified Response Time" and not attended / or the problem still unresolved even after complaining at Level-1 (48 hours)	Landline Phone	+92 21 32711345-46-47
	Email	aghatehseen@gmail.com agha@renewablepower.com.pk
	Cell	+92 321-9222316
LEVEL-3	Name/Designation (CEO of the firm)	Waqas Ali Mughal
Third complain, if the call is attended within "Specified Response Time" and not attended /or the problem still unresolved even after complaining at Level-2	Landline Phone	+92 21 32711345-46-47
	Email	waqasaly@outlook.com waqas@renewablepower.com.pk
	Cell	+92 333-7917151 +92 322-8299486
Note: Ensure that no column above is left blank		

In witnesses hereunder both the parties have set their hands on the day and year above first mentioned.

Supplier Signature 

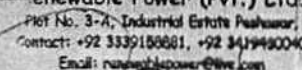
Name Waqas Ali Mughal

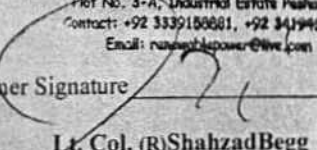
Designation COO

Company Name Renewable Power Pvt Ltd

Address Al Najeebi Tower, Agha Khan III

Road, Saddar, Karachi

Stamp 

Customer Signature 

Name Lt. Col. (R) Shahzad Begg

Designation Head of Administration

Company Name Sindh Bank Limited

Address Federation House, Sindh Bank Ltd. Head Office, Karachi

Stamp

Witness:

Signature 

Name M. Adnan Munir

Designation CFO

Address H. No. E9/3 Manzoor Colony

42301-0906203-1

Witness:

Signature 

Name Haris

Designation Design Engineer

Address Naval Flat Area 64 Block O House II

Agra Taj

Stamp 

Signature 

Name Muhammad Saleem

Designation Chief Engineer / VP

Company Name Sindh Bank Limited

Address Federation House, Sindh Bank Ltd. Head Office Karachi

Dated: 11-01-2018
SNDB/COK/ADMIN/TD/865/2017

From	Administration Division
To	Deputy Director, SPPRA

Subject: Submission – RULE 50 COMPLIANCE
1. Procurement of Solar Hybrid PV System
To Sindh Bank Ltd Branches

Dear Sir,

We have enclosed following documents for compliance of SPPRA Rule 50

S.No	Documents Attached	SPPRA Sr.#
01	1.Contract Evaluation Form 2.Contract Award 3.Agreement 4.Integrity Pact 5.BER 6.Financial Proposal 7.Technical Proposal 8.Minutes of Bid 9.Attendance Sheet 10.Scope of Work 11.Buyers Record 12.CD/Email Copy	35382

Kindly confirm once it is get hoisted on your respective websites and subsequently please release their respective IDs for completion of tender Process

Regards,

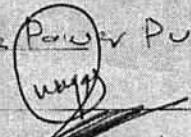

Syed Moin Uddin Ahmed
Procurement Officer

SPPRA INWARD DIARY
No : 4490
DATED : 11-01-18

Notwithstanding any rights and remedies exercised by SNDB in this regard, [the Supplier] agrees to indemnify SNDB for any loss or damage incurred by it on account of its corrupt business practices and further pay compensation to SNDB in an amount equivalent to ten times the sum of any commission, gratification, bribe, finder's fee or kickback given by [the Supplier] as aforesaid for the purpose of obtaining or inducing the procurement of any contract, right, interest, privilege or other obligation or benefit in whatsoever form from SNDB.

For and On Behalf Of

Renewable Power Pvt Ltd.

Signature: 

Name: Waqar Ali Mughal

CNIC No: 54400-3259581-7

Renewable Power (Pvt.) Ltd.
Plot No. 3-A, Industrial Estate Peshawar.
Contact: +92 3339158881, +92 3419430040
Email: renewablepower@rps.com

Procurement of Solar Hybrid PV System to Sindh Bank Ltd Branches
Bid Evaluation Report

1	Name of Procuring Agency	Sindh Bank Ltd.
2	Tender Reference No.	SNDB/COK/ADMIN/TD/865/2017
3	Tender Description	Procurement of Solar Hybrid PV System to Sindh Bank Ltd Branches
4	Method of Procurement	Single Stage One Envelop Bidding Procedure
5	Tender Published & SPPRA S.No.	S.No: 35382 Express Tribune, Daily Express, Sindh Express (23/11/2017). Corrigendum (12/12/2017)
6	Total Bid Documents Sold	03
7	Total Bids Received	02
8	Technical/Financial Bid Opening Date & Time	15/12/2017 at 1100 Hrs
9	No. of bids qualified	01
10	Bid(s) Rejected	-

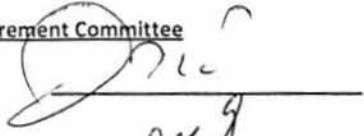
Details on the above as given below:

S No	Name of Firm or Bidder	Qualified / Disqualified in Technical / Eligibility Inspection	Cost offered by the Bidder	Ranking in terms of cost	Comparison with Estimated cost (Rs.65,000,000/-)	Reasons for acceptance/rejection	Remarks
1	2	3	4	5	6	7	8
1.	M/s. Renewable Power Pvt. Ltd	Qualified	Rs. 50,550,000/-	1 st Lowest Bidder	Rs. 14,450,000/- below the estimated cost	Qualified- Obtained 70% in Evaluation Criteria	Accepted- Award of Contract
2.	M/s. Solar Tech PV Silicon- Usman Engineer (Joint Venture)	Qualified	Rs.66,640,000/-	2 nd Lowest Bidder	Rs.1,640,000/- above the estimated cost	High in Bid	

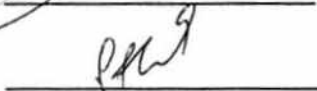
Accordingly going by the Technical/Financial Evaluation offered in the tender document, **M/s. Renewable Power Pvt. Ltd** is the 1st Lowest evaluated qualified bidder for Procurement of Solar Hybrid PV System to Sindh Bank Limited Branches and is also below the estimated cost.

Members Signature- Procurement Committee

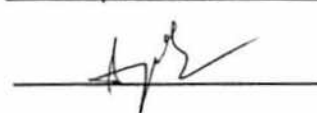
Lt. Col. (R) Shahzad Begg
 Head of Administration



Mr. Saeed Jamal
 Chief Financial Officer



Mr. Syed Muhammad Aqeel
 Chief Manager, IDBL Karachi



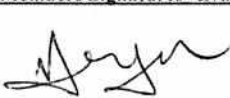
Solar Hybrid PV System-Evaluation Performa

Serial No: 01

Bidder Renewable Power (RVT) LTD

S. No	Descriptions	Total Marks	Marks Obtained	Remarks	(Attachment of relevant evidence in each case is mandatory. In case of non-compliance no mark will be awarded)	Attach evidence as Annexure
1	Firm's Status	15	15	Public / Private Ltd.	NTN Certificate / Letter of Incorporation / Company Registration Letter / Letter or Declaration of Commencement of Business is required to be enclosed	A
		10		Partnership Firm		
		5		Proprietorship		
2	Years in business in the requisite field	15	15	5 years and above	NTN Certificate / Letter of Incorporation / Company Registration Letter / Letter or Declaration of Commencement of Business is required to be enclosed	B
		10		3 years and above		
		5		1 years and above		
3	Average Yearly Turn Over in Last 3 Years	15	10	On an average of 170 M and above per year	Audit Report or Tax Return of Last 3 Years	C
		10		On an average of 60 M and above per year		
4	Banks presently on Cliental List (For counting of each bank installation of solar system to at least 4 branches are mandatory)	10	-	2 and above	Letters to be attached duly issued from each concerned Bank stating the standard of performance/services rendered	D
		5		1		
5	Service Level Agreement (SLA) with Banks (For counting of each bank services to at least 4 branches are mandatory)	10	-	2 and above	Attach Copies of Service Level Agreement	E
		5		1		
6	Number of warehouses in major cities including Capital Territory & Federal Administration Territories	15	10	5 and above	Attach Company Profile with mention of complete addresses and PTCL landline numbers of the country wise offices. No mobile numbers will be accepted.	F
		10		3 and above		
		5		1 and above		
7	Projects undertaken other than banks in last two years (Minimum per project cost Rs.200 million) in Government Sector	20	20	3 and above	Work orders to be attached.	G
		10		1 and above		
Total Marks		100	70	Qualified/Disqualified		

Members Signatures- Evaluation Committee



Athar Iqbal
Administration Division



Tahawar Raza
Operations Division



Dilshad Hussain Khan
Finance Division

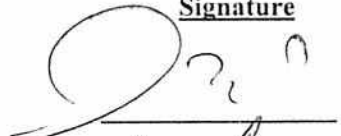
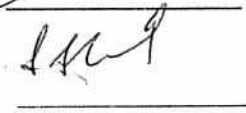
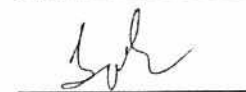
Members - Procurement Committee

1 HEAD OF ADMIN

2 CHIEF FINANCIAL OFFICER

3 CHIEF MANAGER, IDBL

Signature

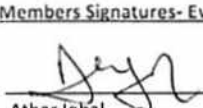
S.No: 01

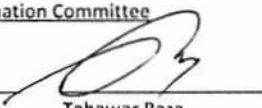
Tender Name: SOLAR HYBRID PV SYSTEM

Bidder: RENEWABLE POWER (PVT) LTD

S.No	Mandatory/Disqualification Conditions	Yes/No
01	GST/Income Tax Registration/Registration with Sindh Revenue Board	Yes
02	Bidder must have valid registration with following Government Departments (i).Pakistan Engineering Council in category C-5 (minimum), EE-04, EE-03, ME04 and EE-11	Yes
03	Registration with ISO 18001:2007	Yes
04	Attachment of Affidavit (specimen attached as Annexure "I") on stamp paper from the owner of the company	Yes
05	Attachment of Annexure "A" (With Financial Proposal) & Annexure "B" (With Financial Proposal if Bank Guarantee is going to be submitted as Bid Security).	Yes
06	Writing of tender reference as given in the NIT on the Envelop, carrying tender document is must or the bank will not be responsible if the documents are not received by the Procurement Committee at the time of opening of bids	Yes
07	The bidders are required to submit bids only in prescribed financial proforma given in Tender Document	Yes
08	The representative present at the time of opening of tender shall be in possession of authority letter on the company's letter head, duly signed by the CEO of the company	Yes
09	Submission of all staff CVs who will be involved in implementation of solar projects	Yes
10	Copy of Authorization/Dealership certification of the Good offered from. (Original Equipment Manufacturer)	Yes
11	Direct Importer/Manufacturing capacity minimum 4 MW (PV).	Yes
Result : QUALIFIED / DISQUALIFIED		

Members Signatures- Evaluation Committee


 Athar Iqbal
 Administration Division


 Tahawar Raza
 Operations Division


 Dilshad Hussain Khan
 Finance Division

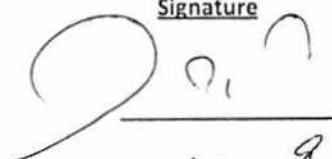
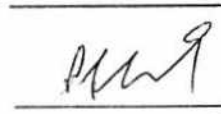

Members - Procurement Committee

1 HEAD OF ADMIN

2 CHIEF FINANCIAL OFFICER

3 CHIEF MANAGER, IDBL

Signature


Solar Hybrid PV System-Evaluation Performa

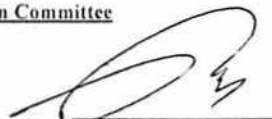
Serial No: 02


Bidder Solar Jeeh (Pvt) Ltd

S. No	Descriptions	Total Marks	Marks Obtained	Remarks	(Attachment of relevant evidence in each case is mandatory. In case of non-compliance no mark will be awarded)	Attach evidence as Annexure
1	Firm's Status	15	15	Public / Private Ltd.	NTN Certificate / Letter of Incorporation / Company Registration Letter / Letter or Declaration of Commencement of Business is required to be enclosed	A
		10		Partnership Firm		
		5		Proprietorship		
2	Years in business in the requisite field	15	15	5 years and above	NTN Certificate / Letter of Incorporation / Company Registration Letter / Letter or Declaration of Commencement of Business is required to be enclosed	B
		10		3 years and above		
		5		1 years and above		
3	Average Yearly Turn Over in Last 3 Years	15		On an average of 170 M and above per year	Audit Report or Tax Return of Last 3 Years	C
		10	10	On an average of 60 M and above per year		
4	Banks presently on Cliental List (For counting of each bank installation of solar system to at least 4 branches are mandatory)	10		2 and above	Letters to be attached duly issued from each concerned Bank stating the standard of performance/services rendered	D
		5	5	1		
5	Service Level Agreement (SLA) with Banks (For counting of each bank services to at least 4 branches are mandatory)	10		2 and above	Attach Copies of Service Level Agreement	E
		5	5	1		
6	Number of warehouses in major cities including Capital Territory & Federal Administration Territories	15		5 and above	Attach Company Profile with mention of complete addresses and PTCL landline numbers of the country wise offices. No mobile numbers will be accepted.	F
		10	10	3 and above		
		5		1 and above		
7	Projects undertaken other than banks in last two years (Minimum per project cost Rs.200 million) in Government Sector	20		3 and above	Work orders to be attached.	G
		10	10	1 and above		
Total Marks		100	70	Qualified/Disqualified		

Members Signatures- Evaluation Committee


Athar Iqbal
Administration Division


Tahawar Raza
Operations Division


Dilshad Hussain Khan
Finance Division

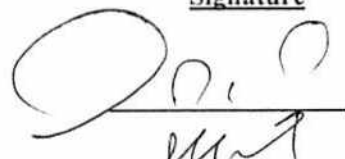
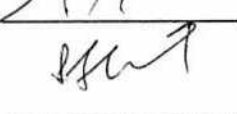
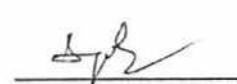
Members - Procurement Committee

1 HEAD OF ADMIN

2 CHIEF FINANCIAL OFFICER

3 CHIEF MANAGER, IDBL

Signature

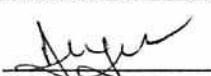
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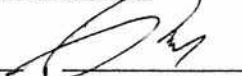
Tender Name: PROCUREMENT FOR SOLAR HYBRID PV SYSTEM

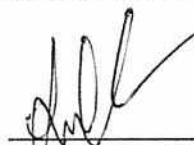
Bidder: SMARTTECH

S.No	Mandatory/Disqualification Conditions	Yes/No
01	GST/Income Tax Registration/Registration with Sindh Revenue Board	Yes
02	Bidder must have valid registration with following Government Departments (i).Pakistan Engineering Council in category C-5 (minimum), EE-04, EE-03, ME04 and EE-11	Yes
03	Registration with ISO 18001:2007	Yes
04	Attachment of Affidavit (specimen attached as Annexure "I") on stamp paper from the owner of the company	Yes
05	Attachment of Annexure "A" (With Financial Proposal) & Annexure "B" (With Financial Proposal if Bank Guarantee is going to be submitted as Bid Security).	Yes
06	Writing of tender reference as given in the NIT on the Envelop, carrying tender document is must or the bank will not be responsible if the documents are not received by the Procurement Committee at the time of opening of bids	Yes
07	The bidders are required to submit bids only in prescribed financial proforma given in Tender Document	Yes
08	The representative present at the time of opening of tender shall be in possession of authority letter on the company's letter head, duly signed by the CEO of the company	Yes
09	Submission of all staff CVs who will be involved in implementation of solar projects	Yes
10	Copy of Authorization/Dealership certification of the Good offered from. (Original Equipment Manufacturer)	Yes
11	Direct Importer/Manufacturing capacity minimum 4 MW (PV).	Yes
Result : QUALIFIED / DISQUALIFIED		

Members Signatures- Evaluation Committee


 Athar Iqbal
 Administration Division


 Tahawar Raza
 Operations Division


 Dilshad Hussain Khan
 Finance Division

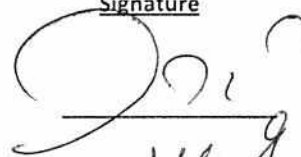
Members - Procurement Committee

1 HEAD OF ADMIN

2 CHIEF FINANCIAL OFFICER

3 CHIEF MANAGER, IDBL

Signature





Tender Document
 SIGNATURE MEMBER PC-ADMIN

4 FINANCIAL PROPOSAL

Head - Fin Div. _____

Head - Admin Div. _____

Member-IDBL. _____

PRICE SCHEDULE

(Applicable for the year 2017)

Name of Bidder RenewablePower PVT LTD Date: _____

Per Branch Final Offer for 10 KW Solar Hybrid System

S.No	Item	Quantity	Amount
1	Solar PV Array (Total 6000 Watts or higher)	1 set	300,000.00
2	Battery total Minimum capacity of 15KWH Minimum 400 AH 48 Volt	1 set	250,000.00
3	MTTP Charge Controller: (PV Side Rating)	2 X 4 KW or 01 X 8 KW or higher	100,000.00
4	Inverter: Hybrid	2 X 5 KW or 1 X 10 KW	200,000.00
5	System Cabinet & Mounting Structure	Per Branch	50,000.00
6	Wiring	Per Branch.	50,000.00
7	All Accessories related to installation	Per Branch	35,000.000
8	Installation, Commissioning, testing and one year Maintenance	Per Branch	20,000.00
9	Transportation charges from the nearest warehouse. At billing stage, charges will be paid on actual.	Per 50 Km	6,000.00
Total Price for One Branch			1,011,000.00
*Grand Total = 50 Branches X Total Price			50,550,000.00

* This amount will be considered as only the "Bid Offered". Whereas be apprised that the successful bidder will be the one whose "Evaluated Bid" is the lowest. (For further clarification refer Note 6. below)

Renewable Power (Pvt.) Ltd.
 Plot No. 3-A, Industrial Estate Peshawar,
 Contact: +92 3339158881, +92 3419430040
 Email: renewablepower@live.com

SIGNATURE MEMBERS PG-ADMIN

Head - Fin Div. _____
Head - Admin Div. _____
Member-DBL. _____
Date: _____



Tender Document

Procurement of Solar Hybrid PV System for Sindh Bank Ltd Branches

4 FINANCIAL PROPOSAL

PRICE SCHEDULE

(Applicable for the year 2017)

Name of Bidder: Solar Tech- PV Silicon - Usman Engineers JV

Per Branch Final Offer for 10 KW Solar Hybrid System

S.No	Item	Quantity	Amount
1	Solar PV Array (Total 6000 Watts or higher)	1 set	325,000.0
2	Battery total Minimum capacity of 15KWH Minimum 400 AH 48 Volt	1 set	660,000.0
3	MTTP Charge Controller: (PV Side Rating)	2 X 4 KW or 01 X 8 KW or higher	66,250.0
4	Inverter: Hybrid	2 X 5 KW or 1 X 10 KW	66,250.0
5	System Cabinet & Mounting Structure	Per Branch	123,750.0
6	Wiring	Per Branch.	35,300.0
7	All Accessories related to installation	Per Branch	18,750.0
8	Installation, Commissioning, testing and one year Maintenance	Per Branch	18,750.0
9	Transportation charges from the nearest warehouse. At billing stage, charges will be paid on actual.	Per 50 Km	18,750.0
Total Price for One Branch			1,332,800.0
*Grand Total = 50 Branches X Total Price			66,640,000.0

* This amount will be considered as only the "Bid Offered". Whereas be apprised that the successful bidder will be the one whose "Evaluated Bid" is the lowest. (For further clarification refer Note 6. below)

Engr. Khawaja M. Iqbal
B.E. (Elect Power) & P.A. (Eng. Mgmt)
General Manager (Technical & Marketing)
PEC Registration # Elect / 40026

MINUTES OF THE OPENING OF THE TENDER (TECHNICAL / FINANCIAL PHASE)

TYPE OF PROCUREMENT ✓ ADMIN / IT / CONSULTANT / MEDIA

TENDER NAME Procurement of solar Hybrid Pv System

TYPE OF TENDER ✓ SINGLE STAGE-ONE ENVELOPE / SINGLE STAGE-TWO ENVELOPE / TWO STAGE / TWO STAGE-TWO ENVELOPE

OPENING DATE 15/12/2017

OPENING TIME 11:00 AM

ATTENDANCE (MEMBER PC)

	<u>NAME</u>	<u>FIRM</u>
ATTENDANCE (REPS. OF BIDDERS)	_____	1) <u>Solar Tech (Pvt) Ltd</u>
	_____	2) <u>Renewable Power (Pvt) Ltd</u>
	_____	_____
	_____	_____
	_____	_____
	_____	_____

TOTAL BIDS ACCEPTED FOR EVALUATION 2



TOTAL BIDS REJECTED _____

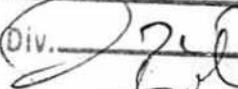

REMARKS _____


PROCUREMENT COMMITTEE



SIGNATURE MEMBERS & PC-ADMIN

Head - Fin Div.  

Head - Admin Div.  



Member-IDBL. 

Date: _____

ATTENDANCE SHEET
 BID OPENING -

FOR SELECTION OF Procurement of Solar Hybrid PV System

Date: 15/12/2017

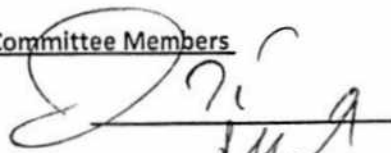
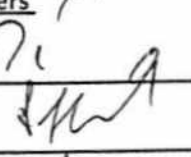
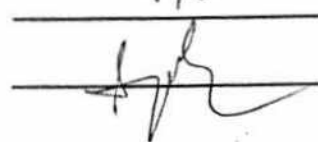
S.No	Company Name	Name of Company Representative	Contact No.	Company Address	Signature
1)	Solar Tech (Pvt) Ltd	Harder	03333525270	Solartech Lahore Sumer Road/14	
2)	Renewable Power (Pvt) Ltd	WADAS ALI	0322 8299486	1310 ALNAJEEB SADDAR	

Signature - Procurement Committee Members

Head of Administration

Chief Financial Officer

Chief Manager (IDBL)

3 SCOPE OF WORK / TECHNICAL SPECIFICATION

The scope of this work comprises of Supply, Installation of total 50 Solar PV 10 KW Hybrid Solar Systems during financial year 2017 – 18 at Sindh Bank Limited branches in country wide region.

Names of Twenty three (23) Branches is attached as Annexure “H”. Name of remaining 27 Branches will be communicated later as per the availability of the space in existing branches in country wide region.

The firm/service provider will be responsible for supply & installation at site, testing and commissioning of Solar PV Systems, during the years 2017 – 18.

The required Solar PV System comprises of the following components / specification:

S No.	Description
1	Solar PV Array (6000 Watts or higher)
2	Battery: OPZV or OPZS, 400 AH at 48 volts , 15 KWh minimum total capacity, suitable for required load and back up time,
3	MTTP Charge Controller: 4000 Watts EACH/8000 Watts or higher (PV Side Rating)
4	Inverter: 2 X 5KW Rated output power each or 10 KW
5	System Cabinet & Mounting Structure, load shifting as per requirement
6	Wiring + accessories:

All the material must be procured from renowned and reputable manufacturers and must comply with the specification/ standards/ certifications mentioned in the technical criteria. The supplier will be responsible for supply, installation and one (1) years of operation.

The main components like inverter, charge controller, battery, load management device, remote control modules shall be installed/connected in a Rack/Cabinet Inverter, Solar Panels etc. shall be of known/reliable brands System be of 12, 24 or 48 Volt designs.

Batteries/Electricity storage capacity of minimum 6 KWH

Capacity of system

The system should be sufficient to cater the minimum following load of branch on solar system, during day time, besides charging of batteries. Necessary calculations for number of solar panels, batteries may be calculated by the vender for following load.

- One ATM
- One ton conventional Air Conditioner
- Two 1.5 Ton conventional Air Conditioner
- 8 Cameras, IP based CCTV system
- Fire Alarm System
- Security Alarm System
- 20 x 24 w savers
- 5 PCs or laptop

System's priorities

1. During day time, when there is proper sun light, all of above load will operate on solar system
2. At evening or night, all of above load will operate on utility power and in case of failure of utility, will be shifted to batteries, till minimum 8 to 10 hours
3. On restoration of utility supply, the load will shift on it t start of sun light, the load will be shifted to solar system

System Components:

Features and technical parameters of the system components shall be as follows:

1. Solar Panel:

Features and Specifications: (Canadian Solar, Jinko, JaSolar or equivalent)

- a. A grade Tier 1 Mono/Poly crystalline Photovoltaic (PV) Panel MINIMUM MODULE EFFICENCY AT LEAST 16%.
- b. Total sum of the system shall be 6000 Watts or higher, High quality solar cells, advance encapsulation system for improved performance
- c. High transparent low-iron tempered glass, high quality anti-UV EVA and back sheet
- d. Multi-ply performance testing for each module, to ensure the product quality and output performance.

- e. Anodization aluminium frame with anticorrosion, to ensure solar module working under extreme outdoor environment.
- f. 90% power output for 10 years and 80% power output for 20 years.
- g. PV model performance guarantee 25 years.
- h. 10 YEARS PRODUCT REPLACEMENT WARRANTY.
- i. Certifications IEC61215, IEC 61730, TUV, VDE, CE, ISO 9001:2008, ISO 14001:2004, ISO 18001:2007

Parameter	Specification
Type of Solar Cell	Mono/poly-crystalline
Front Cover	Lo-iron Tempered glass/3.2 mm
Frame	Anodized aluminium
Junction	Box
Operating temperature in °C	-40 to 80 °C
Power Tolerance (% T)	0 – +6 W

2. Solar Panel Mounting/Support Structure

Feature and specifications:

- a. Roof mount system shall accommodate a wide range of modules framed or frameless, shall be suitable for most types of roof with different roof hooks. With innovative rail and G/flat nut
- b. Roof Slope: Adjustable up to 60 degree as per site needs, sustain against maximum wind speed up to 60 m/s
- c. Material: SS 304 Warranty: 20 years on material
- d. Design standard: CE & AS/NZS 1170

3. Solar Inverter

Feature and specifications: (Voltronic, East UPS, Schneider, Outback or equivalent.)

- a) Single phase pure sine wave inverter which shall convert 24/48 Vdc to 220/230 Vac, 50 Hz based on full digital and intelligent design
- b) Rated output power 5000 watt
- c) Main power and inverter power shift time < 10 ms

- d) High reliability, high efficiency, concise outline, easy installation and operation
- e) Adoption of advanced MPPT technology, pure sine wave output
- f) Dynamic current loop control technology to ensure reliable operation
- g) Wide DC input voltage range
- h) Output voltage and frequency can be switched
- i) LED indicators for input voltage range, load power range, normal output and failure state
- j) Optional energy saving mode
- k) Wide working temperature range (industrial level)
- l) Certifications: IEE 1547, UL 1741, IEC 62109-1/2

Electronic Protection:

- a) Output short circuit protection
- b) Overload protection
- c) Input over voltage protection
- d) Overheating protection
- e) Inverter abnormal protection
- f) Minimum warranty 2 years replacement

4. MPPT Solar Charge Controller

Controller shall be an industrial grade product with advanced maximum power point tracking (MPPT) algorithm. It shall deliver maximum available power for charging batteries and charge a lower nominal battery voltage from a high nominal voltage array and can be applied in off grid PV system up to 4 KW. The design shall ensure excellent heat dispersion preferably die cast design.

Feature and Specifications:

- a. Advanced MPPT technology, with efficiency no less than 99.5%.
- b. Maximum conversion efficiency of 98% and full load efficiency of 97%.
- c. MSRT realizing high conversion efficiency in the situation of low charge power

- d. Accurately recognizing and tracking of multiply power points
- e. Reliable automatic limit function of maximum PV input power, ensuring no overload under any circumstance
- f. Wide MPP operating voltage range
- g. High-speed and high-power dual-core processor architecture, improving system response speed, optimizing system performance
- h. Die-cast aluminium case for heat dissipating, ensuring excellent heat dissipation characteristic
- i. 12/24/36/48 V DC automatically identifying system voltage or user-defined working voltage
- j. Battery temperature compensation function
- k. Real-time energy statistics function
- l. Available for PC monitoring and external display unit connecting, realizing
- m. Real-time data checking and parameters setting
- n. Support software up gradation
- o. Electronic Protections:
- p. PV Short Circuit Protection
- q. PV reverse polarity protection
- r. Battery over discharge protection
- s. Battery overheating protection
- t. PV over current alarm protection
- u. Controller overheating protection
- v. Battery reverse polarity protection
- w. Battery over voltage protection
- x. Minimum warranty 2 years replacement

5. Battery

Features and Specifications (Ritar, Narada, Leoch, Scared Sun or Equivalent)

- a. OPZS or OPZV Battery bank
- b. Shall have 15 KWh minimum capacity. 400 AH @ 48 Volts
- c. Long life time: >2000 cycles @ 50%DOD, >1200 cycles @ 80% DOD
- d. Battery work DOD will be limited to 80% through software
- e. Minimum Warranty 2 years replacement

6. System Cabinets

- a. Inverter, MPPT Controller, Battery, Load management devices and all kinds of cables, connectors, all of these shall be installed or connected in the cabinet
- b. Shifting of load from branch distribution box to new solar system
- c. Efficient cooling design
- d. Provision to lock, to avoid theft

Tender Document
Procurement of Solar Hybrid PV System for Sindh Bank Ltd Branches

This is a Single Stage one envelop procedure, therefore 1st lowest bid will be evaluated first and the bidder must provide a demo unit immediately (within seven working days) for necessary inspection/verification of the above specifications as per Performance Evaluation Performa attached as Annexure "J".

If the 1st lowest bidder is disqualified in inspection/verification phase, then next lowest bid will be evaluated.

Similarly if 2nd bidder is disqualified, then 3rd lowest bidder will be evaluated and so on.

On qualification of a bidder during this process no further evaluation will be done.

The tentative quantity for branches may vary as per the schedule of branches, and accordingly Bank will not be responsible if the quantity is decreased. In this context no claim will be entertained.

**Procurement of Solar Hybrid pV System to Sindh
Bank Ltd Branches**

S.NO	BIDDER NAME	AMOUNT
1	Renewable Power (Pvt) Ltd.	300
2	Solar Tech PV Silicon	300
Total		600/-

farhan.amir@sindhbankltd.com

From: <farhan.amir@sindhbankltd.com>
Date: Thursday, January 11, 2018 2:21 PM
To: <sheraz.riaz@sindhbankltd.com>; "SPPRA" <tenders@pprasindh.gov.pk>
Cc: <ather.iqbal@sindhbankltd.com>; <hina.awan@sindhbankltd.com>; "moin" <moin.uddin@sndb.com>
Attach: Solar Sindh Bank Ltd.pdf
Subject: Rule 50 compliance - Procurement of Solar Hybrid PV System To Sindh Bank Ltd Branches

Dear Concern,

Please refer the attached mention documents of caption subject tender needs to be hoisted on SNDB and SPPRA websites as per SPPRA Rule # 50

1. Contract Evaluation Report
2. Form of Contract Award / Agreement
3. Letter of Award
4. Scope of work / Requirement

Kindly confirm once it is get hoisted on your respective websites.

Regards,

Farhan A Siddiqui