

BOQ

Supply & Installation of 50 KW On-Grid Solar Power System for
NBP Regional Office Hyderabad.

Description	Quantity / Warranty if any
50 KW On-Grid Solar Panel	1 Units 10 Years (120 Months)
Solar Panel Structure	1 Unit
Inverter	1 Units 5 Years (60 Months)
Comprehensive warranty (Entire System)	5 Years (60 Months)
DB Panels	1 Unit
Power Cable and Accessories	1 Unit
Transportation	1 Nos



PAYMENT TERMS & CONDITIONS**Supply & Installation of 50 KW On-Grid Solar Power System for
NBP Regional Office Hyderabad**

Bidders are required to provide the total bid amount / price with their bid as per following table in its financial proposal considering all items mentioned in Technical Requirements and BOQ.

NTN No :

Dated:

BILL OF QUANTITIES (B.O.Q)

Sr. No	DESCRIPTION	QTY.	RATE /UNIT	AMOUNT
1	Supply of Solar PV Modules 50KW Or Above Mono PERC Half-Cut Technology	01 Job		
2	Supply of Grid Tied PV Inverter Highly Integrated, 50KW and Above Three Phase String Inverter, Transformer less Topology & Opti Cool Cooling Concept with complete related accessories	01 No.		
3	Supply of Online Monitoring Unit complete in all respect.	01 No.		
5	Supply of PV Mounting Structure with related Accessories for the Installation of 50KW Solar Power System. (Complete in all respect)	01 Job		
6	Supply of DC Cable, 2 Core 4mm ² including PVC/HDPE Pipe complete in all respect with accessories as per engineer approved. 1 Core 4mm ² , Red 1 Core 4mm ² , Black Minimum voltage capacity 1000VDC, Highest permissible voltage conductor/conductor should be 1.8kV DC, Standard EN50618. Double insulated: Cross link polyolefin. Tinned copper conductor: Certified from DIN VDE 0295 CL.5, Fine-wire, IEC 60228 CL.5. Cable should be Certified from TUV	01 Job		
7	Supply of DC Breaker Box minimum IP 54 with all related accessories DC Breaker 16A 2P DC MCB, 1000V Qty: 06 Nos. MCB Make: ABB/equivalent (European)	01 Job.		
8	Supply of AC Combiner Box, minimum IP 54 with all related accessories. AC Breakers Box with all related accessories. AC Breaker 100A, 4P MCCB, 600V, Qty: 01 AC SPD: Make: Schnider/Chint/Equivalent Make: ABB/Equivalent (European)	01 Job		
9	Supply of Earthing Cable, 1 core, 2.5 sq mm, CU/PVC/FLEX (Green) Including PVC Pipe with related accessories as per engineer approved. Brand: Pakistan Cable or Equivalent	01 Job		



10	Supply of Earthing Cable, 1 core, 10 sq mm, CU/PVC/FLEX (Green) Including PVC Pipe with related accessories as per engineer approved. Brand: Pakistan Cable or Equivalent	01 Job
11	Earthing Cable 1C x 10sqmm bare conductor	01 Job
13	Supply of Earthing Pit with 25mm dia Pure Copper Rod Length 10 ft. to earthing chamber & Insulator With all related accessories earthing result should be less than 3 Ohm	02 Job
14	Supply of AC Power Cable 4C x 16mm ² , Cu 0.6/1kV CU/XLPE/PVC Pure Copper including related accessories	01 Job
16	Supply of Cable Trays & Ducts, Underground Trench for AC & DC Cabling	01 Job
17	Civil Works: PCC Foundation pads for Mounting Structure	01 Job
18	Supply of Early Streamer Emission (ESE) having following specifications: Make: LPI - Australia or equivalent Reaction time : 45 - 50 micro seconds Maximum Discharge Rating : 180 to 200 kA Material : Stainless Steel or as per manufacturer's specifications Length : 400mm or as per manufacturer's specifications Level of Protection: Level 1 Protection Radius : 48 m Mounting height (from Rooftop to tip of ESE): 5m or as specified Note: The work is included with all mounting, fixing and support accessories and material required for the completion of above mention task. including Lightning Event Counter: Surge / Stroke Counter for indicating the number of strokes arrested by the ESE, earth pit, earth copper strip, 95mm ² Earthing Conductors complete in all respects as per engineer approved.	01 Job
19	Supply of Other Accessories required to complete the project Such as Cable Ducts, Cable Ties, Nut Bolts, etc. Installation, Testing & Commissioning of Solar System, Services Structure is ground mounted.	01 Job
20	Total net metering charges including government fee, meter charges, documentation charges etc. complete to be borne by vendor.	01 Job

Total Amount PKR

Total Cost in Words (_____)



Contractor's Signature with Seal

For NBP

SECTION VI: STANDARD FORMS

STANDARD FORMS FOR (Single Stage Two Envelope Procedure)





Table of Forms

- Letter of Bid - Technical Proposal
- Letter of Bid - Financial Proposal
- Bidder Information Form
- Form of Bid Security
- Form of Bid Security (Bid Bond)
- Manufacturer's Authorization Form



Letter of Bid – Technical Proposal (To be prepared on letter head)

Date of this Bid submission: —————

RFP No. ————— (insert number of bidding process)

Request for Bid No.:

To: National Bank of Pakistan

We, the undersigned Bidder, hereby submit our Bid, in two parts, namely:

- (a) the Technical Proposal, and
- (b) the Financial Proposal

In submitting our Bid we make the following declarations:

- (a) **No reservations:** We have examined and have no reservations to the bidding document.
- (b) **Eligibility:** We meet the eligibility requirements and have no conflict of Interest.
- (c) **Bid/Proposal-Securing Declaration:** We have not been suspended nor declared ineligible by the Procuring Agency based on execution of a Bid Securing Declaration or Proposal Securing Declaration in the Procuring Agency's country in accordance with ITB 4;
Conformity: We offer to supply in conformity with the bidding document and in accordance with the Delivery Schedules specified in the Schedule of Requirements
Bid Validity Period: Our Bid shall be valid for the period specified in BDS — — (as amended, if applicable) from the date fixed for the Bid submission deadline specified in BDS — — (as amended, if applicable), and it shall remain binding upon us, and may be accepted at any time before the expiration of that period;
- (d) **Performance Security:** If our Bid is accepted, we commit to obtain a performance security in accordance with the bidding document;
- (e) **One Bid per Bidder:** We are not submitting any other Bid(s) as an individual Bidder, and we are not participating in any other bid(s) as a Joint Venture member or as a subcontractor.
- (f) **Suspension and Debarment:** We, along with any of our subcontractors, suppliers, consultants, manufacturers, or service providers for any part of the contract, are not subject to, and not controlled by any entity or individual that is subject to, a temporary suspension or a debarment imposed by the Procuring Agency. Further, we are not ineligible under Pakistan laws;



State-owned enterprise or institution: *[select the appropriate option and*

delete the other] [We are not a state-owned enterprise or institution] / [We are a state-owned enterprise or institution but meet the requirements of];

- (h) **Binding Contract:** We understand that this Bid, together with your written acceptance thereof included in your Letter of Acceptance, shall constitute a binding contract between us, until a formal contract is prepared and executed;
- (i) **Not Bound to Accept:** We understand that you are not bound to accept the the Most Advantageous Bid or any other Bid
- (j) **Fraud and Corruption:** We hereby certify that we have taken steps to ensure that no person acting for us, or on our behalf, engages in any type of Fraud and Corruption.

Name of the Bidder: *[insert complete name of Bidder]

Name of the person duly authorized to sign the Bid on behalf of the Bidder: **
[insert complete name of person duly authorized to sign the Bid]

Title of the person signing the Bid: [insert complete title of the person signing the Bid]

Signature of the person named above: [insert signature of person whose name and capacity are shown above]

Date signed [insert date of signing] day of [insert month], [insert year]

** : Person signing the Bid shall have the power of attorney given by the Bidder. The power of attorney shall be attached with the Bid Schedules.



Letter of Bid - Financial Proposal (Prepare on letter head)

Date of this Bid submission:

No.: *[insert number of bidding process]*

Name of Project:

To: National Bank of Pakistan

We, the undersigned Bidder, hereby submit the second part of our Bid, the Financial Proposal

In submitting our Financial Proposal, we make the following additional declarations:

(a) **Bid Validity Period:** Our Bid shall be valid for the period specified in ——— (as amended, if applicable) from the date fixed for the bid submission deadline specified in BDS ——— (as amended, if applicable), and it shall remain binding upon us and may be accepted at any time before the expiration of that period;

(b) The total price of the Bid is *[insert the total price of the bid in words and figures]*

(c) **Discounts (if applicable):** The discounts offered and the methodology for their application are:

(i) The discounts offered are: *[Specify in detail each discount offered]*

The exact method of calculations to determine the net price after application of discounts is shown below: *[Specify in detail the method that shall be used to apply the discounts];*

(d) **Binding Contract:** We understand that this Bid, together with your written acceptance thereof included in your Letter of Acceptance, shall constitute a binding contract between us, until a formal contract is prepared and executed.

Name of the Bidder:* *[insert complete name of the Bidder]*

Name of the person duly authorized to sign the Bid on behalf of the Bidder:

****** *[insert complete name of person duly authorized to sign the Bid]*

Title of the person signing the Bid: *[insert complete title of the person signing the Bid]*

Signature of the person named above: *[insert signature of person whose name and capacity are shown above]* Date signed *[insert date of signing]* day of *[insert month]*, *[insert year]*



Form of Bid Security (Bank Guarantee)

[The bank shall fill in this Bank Guarantee Form in accordance with the instructions indicated.]

[Guarantor letterhead or SWIFT identifier code]

Beneficiary: *[Purchaser to insert its name and address]*

No.: *[Purchaser to insert reference number for the Request for Bids]*

Date: *[Insert date of issue]*

BID GUARANTEE No.: *[Insert guarantee reference number]*

Guarantor: *[Insert name and address of place of issue, unless indicated in the letterhead]*

We have been informed that _____ *[insert name of the Bidder, which in the case of a joint venture shall be the name of the joint venture (whether legally constituted or prospective) or the names of all members thereof]* (hereinafter called "the Applicant") has submitted or will submit to the Beneficiary its Bid (hereinafter called "the Bid") for the execution of

_____ under Request for Bids No. _____ ("the RFB").

Furthermore, we understand that, according to the Beneficiary's conditions, Bids must be supported by a Bid guarantee.

At the request of the Applicant, we, as Guarantor, hereby irrevocably undertake to pay the Beneficiary any sum or sums not exceeding in total an amount of _____

(_____) upon receipt by us of the Beneficiary's complying demand, supported by the Beneficiary's statement, whether in the demand itself or a separate signed document accompanying or identifying the demand, stating that either the Applicant:

- (a) has withdrawn its Bid during the period of Bid validity set forth in the Applicant's Letter of Bid ("the Bid Validity Period"), or any extension thereto provided by the Applicant; or
- (b) having been notified of the acceptance of its Bid by the Beneficiary during the Bid Validity Period or any extension thereto provided by the Applicant, (i) has failed to sign the contract agreement, or (ii) has failed to furnish the performance security, in accordance with the Instructions to Bidders ("ITB") of the Beneficiary's bidding document.

This guarantee will expire: (a) if the Applicant is the successful Bidder, upon our receipt of copies of the Contract agreement signed by the Applicant and the performance security issued to the Beneficiary in relation to such Contract agreement; or (b) if the Applicant is not the successful Bidder, upon the earlier of (i) our receipt of a copy of the Beneficiary's notification to the Applicant of the results of the Bidding process; or (ii) twenty-eight days after the end of the Bid Validity Period.

Consequently, any demand for payment under this guarantee must be received by us at the office indicated above on or before that date.



[Signature(s)]

Note: All italicized text is for use in preparing this form and shall be deleted from the final product



Form of Bid-Securing Declaration

[The Bidder shall fill in this Form in accordance with the instructions indicated.]

Date: [date (as day, month and year)]

No.: [number of Bidding process]

Alternative No.: [insert identification No if this is a Bid for an alternative]

To: [complete name of Procuring Agency]

We, the undersigned, declare
that:

We understand that, according to your conditions, Bids must be supported by a Bid- Securing Declaration.

We accept that we will be blacklisted and henceforth cross debarred for participating in respective category of public procurement proceedings for a period of (not more than) six months, if fail to abide with a bid securing declaration, however without indulging in corrupt and fraudulent practices, if we are in breach of our obligation(s) under the Bid conditions, because we:

- (a) have withdrawn our Bid during the period of Bid validity specified in the Letter of Bid; or
- (b) having been notified of the acceptance of our Bid by the Procuring Agency during the period of Bid validity, (i) fail or refuse to sign the Contract; or (ii) fail or refuse to furnish the Performance Security (or guarantee), if required, in accordance with the ITB.

We understand this Bid Securing Declaration shall expire if we are not the successful Bidder, upon the earlier of (i) our receipt of your notification to us of the name of the successful Bidder; or (ii) twenty-eight days after the expiration of our Bid.

Name of the Bidder* _____

Name of the person duly authorized to sign the Bid on behalf of the Bidder** _____

Title of the person signing the Bid _____

Signature of the person named above _____

Date signed _____ day of _____

** : Person signing the Bid shall have the power of attorney given by the Bidder attached to the Bid



SECTION-VII: GENERAL CONDITIONS OF CONTRACT



GENERAL CONDITIONS OF CONTRACT (GCC)



1. Definitions

1. In this Contract, the following terms shall be interpreted as indicated:
 - a) "Authority" means Public Procurement Regulatory Authority.
 - b) The "Arbitrator" is the person appointed with mutual consent of both the parties, to resolve contractual disputes as provided for in the General Conditions of the Contract GCC Clause 31 hereunder.
 - c) "The Contract" means the agreement entered into between the National Bank of Pakistan and the Supplier, as recorded in the Contract Form signed by the parties, including all attachments and appendices thereto and all documents incorporated by reference therein.
 - d) The "Commencement Date" is the date when the Supplier shall commence execution of the contract as specified in the SCC
 - e) "Completion" means the fulfilment of the related services by the Supplier in accordance with the terms and conditions set forth in the contract.
 - f) "Country of Origin" means the countries and territories eligible under the PPRA Rules 2004 and its corresponding Regulations as further elaborated in the SCC.
 - g) "The Contract Price" means the price payable to the Supplier under the Contract for the full and proper performance of its contractual obligations.
 - h) "Defective Goods" are those goods which are below standards, requirements or specifications stated by the Contract.
 - i) "Delivery" means the transfer of the goods from the supplier equipment, machinery, and /or other materials which the Supplier is required to supply to the National Bank of Pakistan under Contract.
 - j) "Effective Contract date" is the date shown in the Certificate of Contract Commencement issued by the National Bank of Pakistan upon fulfillment of the conditions precedent stipulated in GCC Clause 3.
 - k) "National Bank of Pakistan" means the person named as National Bank of Pakistan in the SCC and the legal successors in title to this person, procuring the Goods and related service, as named in SCC.
 - l) "Related Services" means those services ancillary to the delivery of the Goods, such as transportation anti insurance, and any other incidental services, such as installation commissioning, provision of technical assistance, training, initial maintenance and other such obligations of the Supplier covered under the Contract.
 - m) "GCC" means the General Conditions of Contract contained in this section.
 - n) "Intended Delivery Date" is the date on which it is intended that the Supplier shall effect deliver as specified in the SCC.



- o) "SCC" means the Special Conditions of Contract.
- p) "Supplier" means the individual private or government entity or a combination of the above whose Bid to perform the contract has been accepted by the National Bank of Pakistan and is named as such in the Contract Agreement, and includes the legal successors or permitted assigns of the supplier and shall be named in the SCC.
- q) "Project Name" means the name of the project stated in SCC.
- r) "Day" means calendar day.
- s) "Eligible Country" means the countries and territories eligible for participation in accordance with the policies of the Federal Government.
- t) "End User" means the organization(s) where the goods will be used as named in the SCC.
- u) "Origin" means the place where the Goods were mined, grown, or produced or from which the Services are supplied. Goods are produced when through manufacturing, processing, or substantial and major assembly of components, a commercially recognized new produce results that is substantially different in basic characteristics in purpose or utility from its components.
- v) "Force Majeure" means an unforeseeable event which is beyond reasonable control of either Party and which makes a Party's performance of its obligations under the Contract impossible or so impractical as to be considered impossible under the circumstances.
- For the purposes of this Contract, "Force Majeure" means an event which is beyond the reasonable control of a Party, is not foreseeable, is unavoidable, and its origin is not due to negligence or lack of care on the part of a Party which makes a party's performance of its obligations hereunder impossible: or so impractical as reasonably to be considered impossible in the circumstances. and includes, but is not limited to, war, riots, civil disorder, earthquake, fire, explosion, storm, flood, epidemics, or other adverse weather conditions, strikes, lockouts or other industrial action (except where such strikes, lockouts or other industrial action are within the power of the Party invoking Force Majeure to prevent), confiscation or any other action by Government agencies.
- w) "Origin" means the place where the Goods were mined, grown, or produced or from which the Services are supplied. Goods are produced when through manufacturing, processing, or substantial and major assembly of components, a commercially recognized new produce results that is substantially different in basic characteristics in purpose or utility from its components.
- x) The Supplier's Bid is the completed Bid document submitted by the Supplier to the National Bank of Pakistan.



2. Application and Interpretation	<p>2.1. These General Conditions shall apply to the extent that they are not superseded by provisions of other parts of the Contract.</p> <p>2.2. The documents forming the Contract shall be interpreted in the following order of priority:</p> <ol style="list-style-type: none"> 1)Form of Contract, 2)Special Conditions of Contract, 3)General Conditions of Contract, 4)Letter of Acceptance, 5)Certificate of Contract Commencement 6)Specifications 7)Contractor's Bid, 8)Any other document listed in the Special Conditions of Contract as forming part of the Contract
3. Conditions Precedent	<p>3.1. Having signed the Contract, it shall come into effect on the date on which the following conditions have been satisfied:-</p> <ol style="list-style-type: none"> a) Submission of performance Security (or guarantee in the form specified in the SCC;
4. Governing Language	<p>4.1. The Contract as all correspondence and documents relating to the contract exchanged by the Supplier and the National Bank of Pakistan shall be written in the language specified in SCC.</p>
5. Applicable Law	<p>5.1. The contract shall be governed and interpreted in accordance with the laws of Pakistan.</p>
6. Country of Origin	<p>6.1. The origin of Goods and Services may be distinct from the nationality of the Supplier</p>
7. Standards	<p>7.1. Supplies under this Contract shall conform to the standards mentioned in the Technical Specifications, and, when no applicable standard is mentioned, the American Standards (such as ACI, IEEE, ASME, etc.) or the Pakistani standards such as PSQCA Such standards shall be the latest issued by the concerned institution.</p>



8. Use of Contract Documents and Information; Inspection and Audit by the National Bank of Pakistan.

8.1. The Supplier shall not, without the National Bank of Pakistan's prior written consent, disclose the Contract, or any provision thereof, or any specification, plan, drawing, pattern, sample, or information furnished by or on behalf of the National Bank of Pakistan in connection therewith, to any person other than a person employed by the Supplier in the performance of the Contract. Disclosure to any such employed person shall be made in confidence and shall extend only so far as may be necessary for purposes of such performance.

8.2. The Supplier shall not, without the National Bank of Pakistan's prior written consent, make use of any document or information enumerated in GCC Clause 7.1 except for purposes of executing the Contract.

8.3. Any document, other than the Contract itself, enumerated in GCC Clause 7.1 shall remain the property of the National Bank of Pakistan and shall be returned (all copies) to the National Bank of Pakistan on completion of the Supplier's performance under the Contract, if so required by the National Bank of Pakistan.

8.4. The Supplier shall permit National Bank of Pakistan to inspect the Supplier's accounts and records relating to the performance of the Supplier and to have them audited by auditors appointed by the National Bank of Pakistan if so required.

9. Patent and Copy Rights

9.1. The Supplier shall indemnify the National Bank of Pakistan against all third party claims of infringement of patent, trademark, or industrial design rights arising from use of the Goods or any part thereof in Pakistan.



**10. Performance
Guarantee**

10.1. The Performance Security (or Guarantee) shall be provided to the National Bank of Pakistan no later than the date specified in the Letter of Acceptance and shall be issued in an amount and form and by a bank or surety acceptable to the National Bank of Pakistan, and denominated in the types proportions of the currencies in which the Contract Price is payable as specified in the SCC.

10.2. The proceeds of the Performance Guarantee shall be payable to the National Bank of Pakistan as compensation for any loss resulting from the Supplier's failure to complete its obligations under the Contract.

10.3. The performance guarantee shall be in one of the following forms:

- (a) a bank guarantee or an irrevocable letter of credit issued by a reputable bank located in the National Bank of Pakistan's country, in the form provided in the Bidding documents or another form acceptable to the National Bank of Pakistan; or

10.4. The performance guarantee will be discharged by National Bank of Pakistan and returned to the Supplier not later than thirty (30) days upon his written request following the date of completion of the Supplier's performance obligations under the Contract, including any warranty obligations, unless specified otherwise in SCC.



11. Inspections and Tests

11.1. The National Bank of Pakistan or its representative shall have the right to inspect and/or to test the Goods to confirm their conformity to the contract specifications at no extra cost to the National Bank of Pakistan. SCC and the technical specifications shall specify what inspections and tests the National Bank of Pakistan requires and where they are to be conducted. The National Bank of Pakistan shall notify the supplier in writing, in a timely manner, of the identity of any representatives nominated for these purposes.

11.2. The inspections and tests may be conducted on the premises of the supplier or its subcontractor(s), at point of delivery, and/or at the Goods' final destination. If conducted on the premises of the Supplier or its subcontractor(s) (if so allowed by the National Bank of Pakistan), all reasonable facilities and assistance, including access to drawings and production data, shall be furnished to the inspectors at no charge to the National Bank of Pakistan.

11.3. Should any inspected or tested Goods fail to conform to the Specifications, the National Bank of Pakistan may reject the Goods, and the Supplier shall either replace the rejected Goods or make alterations necessary to meet specification requirements free of cost to the National Bank of Pakistan.

11.4. The National Bank of Pakistan's right to inspect, test and, where necessary, reject the Goods after the Goods' arrival in the National Bank of Pakistan's country shall in no way be limited or waived by reason of the Goods having previously been inspected, tested, and passed by the National Bank of Pakistan or its representative prior to the Goods' shipment from the country of origin.

11.5. Nothing in GCC Clause 10, shall in any way release the Supplier from any warranty or other obligations under this Contract.



<p>12. Packing</p>	<p>12.1. The Supplier shall provide such packing of the Goods as is required to prevent their damage or deterioration during transit to their final destination, as indicated in the Contract. The packing shall be sufficient to withstand, without limitation, rough handling during transit and exposure to extreme temperatures, salt and precipitation during transit, and open storage. Packing case size and weights shall take into consideration, where appropriate, the remoteness of the Goods' final destination and the absence of heavy handling facilities at all points in transit.</p> <p>12.2. The packing, marking, and documentation within and outside the packages shall comply strictly with such special requirements as shall be expressly provided for in the Contract, including additional requirements, if any, specified in SCC, and in any subsequent instructions ordered by the National Bank of Pakistan.</p>
<p>13. Delivery and Documents</p>	<p>13.1. Delivery of the Goods shall be made by the supplier in accordance with the terms specified in the Schedule of Requirements. The details of shipping and/or other documents to be furnished by the Supplier are specified in SCC.</p> <p>13.2. Documents to be submitted by the Supplier are specified in SCC.</p>
<p>14. Transportation</p>	<p>14.1. The Supplier is required under the Contract to transport the Goods to a specified place of destination indicated by National Bank of Pakistan.</p>



15. Spare Parts

15.1. As specified in SCC, the Supplier may be required to provide any or all of the following materials, notifications, and information pertaining to parts manufactured or distributed by the Supplier:

(a) such parts as the National Bank of Pakistan may choose to purchase from the Supplier, provided that this choice shall not relieve the Supplier of any warranty obligations under the Contract; and

(b) in the event of termination of production of the parts:

(i) advance notification to the National Bank of Pakistan of the pending termination, in sufficient time to permit the National Bank of Pakistan to procure needed requirements; and

(ii) following such termination, furnishing at no cost to the National Bank of Pakistan, the blueprints, drawings, and specifications of the spare parts, if requested.



**16. Warranty/
Defect Liability
Period**

16.1. Supplier warrants that the Goods supplied under the Contract are new, unused, of the most recent or current models selected by the National Bank of Pakistan, and that they incorporate all recent improvements in design and materials unless provided otherwise in the Contract. The Supplier further warrants that all Goods supplied under this Contract shall have no defect, arising from design, materials, or workmanship (except when the design and/or material is required by the National Bank of Pakistan's specifications) or from any act or omission of the Supplier, that may develop under normal use of the supplied Goods in the conditions prevailing in Pakistan.

16.2. This warranty shall remain valid for 10 years for Solar Panels and 02 Years for Inverter after the goods have been delivered and accepted by National Bank of Pakistan.

16.3. The National Bank of Pakistan shall promptly notify the Supplier in writing or in electronic forms that provide record of the content of communication of any claims arising under this warranty.

16.4. Upon receipt of such notice, the Supplier shall, within the period specified in SCC and with all reasonable speed, repair or replace the defective Goods or parts thereof, without costs to the National Bank of Pakistan.

16.5. If the Supplier, having been notified, fails to rectify the defect(s) within the period specified in SCC, within a reasonable period, the National Bank of Pakistan may proceed to take such remedial action as may be necessary, at the Supplier's risk and expense and without prejudice to any other rights which the National Bank of Pakistan may have against the Supplier under the Contract.



<p>17. Payment</p>	<p>17.1. The method and conditions of payment to be made to the Supplier under this Contract shall be specified in SCC.</p> <p>17.2. The Supplier's request(s) for payment shall be made to the National Bank of Pakistan in writing, accompanied by an invoice describing, as appropriate, the Goods delivered and Services performed, and by documents submitted pursuant to GCC Clause 13, and upon fulfillment of other obligations stipulated in the Contract.</p> <p>17.3. Payments shall be made promptly by the National Bank of Pakistan, but in no case later than Thirty (30) days after submission of an invoice or claim by the Supplier.</p> <p>17.4. The bidder is responsible to obtain Dead Stock Entry from concerned Branch Manager /NBP Head Office and affixed the Dead Stock sticker on his Solar Power System and duly signed & stamped of dead stock Annexure form from concerned branch Manager after submission of invoice, which will remain unpaid until said Dead Stock procedure is not completed as per Bank prevailing practice.</p> <p>17.5. The currency of payment is Pak Rupee.</p>
<p>18. Prices</p>	<p>18.1. The contract price shall be as specified in the Contract Agreement.</p> <p>18.2. Prices charged by the Supplier for Goods delivered and Services performed under the Contract shall not vary from the prices quoted by the Supplier in its Bid.</p>
<p>19. Change Orders</p>	<p>18.1. The National Bank of Pakistan may at any time, by a written order given to the Supplier, make changes within the general scope of the Contract, only if required for the successful completion of the job, in any one or more of the following:</p> <ul style="list-style-type: none"> (a) the place of delivery; and/or (b) Delivery schedule (c) the Services to be provided by the Supplier.
<p>20. Contract Amendments</p>	<p>20.1. No variation in or modification of the terms of the Contract shall be made except by written amendment signed by the parties.</p>
<p>21. Assignment</p>	<p>21.1. Neither the National Bank of Pakistan nor the Supplier shall assign the whole or part, obligation under contract, except with the prior written consent of other party.</p>
<p>22. Sub-contracts</p>	<p>22.1. Subcontracting under this contract is not permitted.</p>



23. Delays in the Supplier's Performance

23.1. Delivery of the Goods and performance of Services shall be made by the Supplier in accordance with the time schedule prescribed by the National Bank of Pakistan in the Schedule of Requirements:

23.2. If at any time during performance of the Contract, the Supplier should encounter conditions impeding timely delivery of the Goods and performance of Services, the Supplier shall promptly notify the National Bank of Pakistan in writing of the fact of the delay, its likely duration and its cause(s). As soon as practicable after receipt of the Supplier's notice, the National Bank of Pakistan shall evaluate the situation and may at its discretion extend the Supplier's time for performance, with or without liquidated damages, in which case the extension shall be ratified by the parties by amendment of Contract.



**24. Termination
for Default**

24.1. The National Bank of Pakistan, without prejudice to any other remedy for breach of Contract, by written notice of default sent to the concerned party may terminate this Contract if the other party causes a fundamental breach of the contract.

24.2. Fundamental breaches of Contract shall include, but shall not be limited to the following;

- a) the Supplier fails to deliver any or all of the Goods within the period(s) specified in the Contract, or within any extension thereof granted by the National Bank of Pakistan
- b) the Supplier fails to perform any other obligation(s) under the Contract;
- c) Supplier's failure to submit performance security (or guarantee) within the time stipulated in the SCC; the supplier has abandoned or repudiated the contract.
- d) the National Bank of Pakistan or the Supplier is declared bankrupt or goes into liquidation other than for a reconstruction or amalgamation.
- e) National Bank of Pakistan gives Notice delivered with a defect is a fundamental breach of Contract and the Supplier fails to correct it within a reasonable period of time determined by the National Bank of Pakistan; and
- f) If the National Bank of Pakistan determines, based on the reasonable evidence, that the Supplier has engaged in corrupt, coercive, collusive, obstructive or fraudulent practices, in competing for or in executing the Contract

24.3. In the event the National Bank of Pakistan terminates the Contract in whole or in part, the National Bank of Pakistan may procure, upon such terms and in such manner as it deems appropriate, Goods or Services similar to those undelivered, and the Supplier shall be liable to the National Bank of Pakistan for any excess costs for such similar Goods or Services. However, the Supplier shall continue performance of the Contract to the extent not terminated.



<p>25. Termination for Force Majeure</p>	<p>25.1. Notwithstanding the provisions of the contract, neither party shall have any liability or be deemed to be in breach of the Contract for any delay nor is other failure in performance of its obligations under the Contract, if such delay or failure is a result of an event of Force Majeure.</p> <p>25.2. If a Party (hereinafter referred to as "the Affected Party ") is or will be prevented from performing its substantial obligation under the contract by Force Majeure, it shall give a Notice to the other Party giving full particulars of the event and circumstance of Force Majeure in writing or in electronic forms that provide record of the content of communication of such condition and the cause thereof. Unless otherwise: directed by the National Bank of Pakistan in writing or in electronic forms that provide record of the content of communication, the Supplier shall continue to perform its obligations under the Contract as far as is reasonably practical, and shall seek all reasonable alternative means for performance , not prevented by the Force Majeure event.</p>
<p>26. Termination for Insolvency</p>	<p>26.1. The National Bank of Pakistan may at any time terminate the Contract by giving written notice to the Supplier if the Supplier becomes bankrupt or otherwise insolvent. In this event, termination will be without compensation to the Supplier, provided that such termination will not prejudice or affect any right of action or remedy which has accrued or will accrue thereafter to the National Bank of Pakistan.</p>



<p>27. Termination for Convenience</p>	<p>27.1. The National Bank of Pakistan, by written notice sent to the Supplier, may terminate the Contract, in whole or in part, at any time for its convenience. The notice of termination shall specify that termination is for the National Bank of Pakistan's convenience, the extent to which performance of the Supplier under the Contract is terminated, and the date upon which such termination becomes effective.</p> <p>27.2. The Goods that are complete and ready for shipment (if applicable) within thirty (30) days after the Supplier's receipt of notice of termination shall be accepted by the National Bank of Pakistan on the Contract terms and prices. For the remaining Goods, the National Bank of Pakistan may choose:</p> <ul style="list-style-type: none"> (a) to have any portion completed and delivered at the Contract terms and prices; and/or (b) to cancel the remainder and pay to the Supplier an agreed amount for partially completed Goods and Services and for materials and parts previously procured by the Supplier.
<p>28. Resolution of Disputes</p>	<p>28.1. In the event of any dispute arising out of this contract, either party shall issue a notice of dispute to settle the dispute, amicably. The parties hereto shall, within twenty-eight (28) days from the notice date, use their best efforts to settle the dispute amicably through mutual consultations and negotiation. Any unsolved dispute may be referred by either party to an arbitrator that shall be appointed by mutual consent of the both parties.</p> <p>28.2. After the dispute has been referred to the arbitrator, within 30 days, or within such other period as may be proposed by the Parties, the Arbitrator shall give its decision. The rendered decision shall be binding to the Parties.</p>
<p>29. Procedure for Disputes Resolutions</p>	<p>29.1. The arbitration shall be conducted in accordance with the arbitration procedure published by the Institution name and in the place shown in the SCC.</p> <p>29.2. The rate of the Arbitrator's fee and administrative costs of arbitration shall be borne equally by the Parties. The rates and costs shall be in accordance with the rules of the Appointing Authority. In conducting arbitration to its finality each party shall bear its incurred costs and expenses.</p>



30. Replacement of Arbitrator	30.1. Should the Arbitrator resign or die, or should the National Bank of Pakistan and the Supplier agree that the Arbitrator is not functioning in accordance with the provisions of the contract; a new Arbitrator shall be appointed by mutual consent of the both parties.
31. Limitation of Liability	<p>31.1. Except in cases of criminal negligence or willful conduct and in the case of infringement pursuant to GCC Clause 8,</p> <p>a) The supplier shall not be liable to the National Bank of Pakistan, whether in contract, tort, or otherwise, for any indirect or consequential loss or damage, loss of use, loss of production, or loss of profits or interest costs, provided that this exclusion shall not apply to any obligation of the Supplier to pay liquidated damages to the National Bank of Pakistan; and</p> <p>b) The aggregate liability of the Supplier to the National Bank of Pakistan, whether under the Contract, in tort or otherwise, shall not exceed the total Contract price, provided that this limitation shall not apply to the cost of repairing or replacing defective equipment or to any obligation of the Supplier to indemnify the National Bank of Pakistan, with respect to patent infringement.</p>
32. Notices	<p>32.1. Any notice given by one party to the other pursuant to this Contract shall be sent to the other party in writing or by any information technology means for the time being in use and acceptable in ordinary course of business to the other party's address specified in SCC.</p> <p>32.2. A notice shall be effective when delivered or on the notice's effective date, whichever is later</p>
33. Taxes and Duties	<p>33.1. If any tax exemptions, reductions, allowances or privileges may be available to the Supplier in Pakistan the National Bank of Pakistan shall use its best efforts to enable the Supplier to benefit from any such tax savings to the maximum allowable extent.</p> <p>33.2. A Supplier be entirely responsible for all taxes, duties, license fees, etc., incurred until delivery of the contracted Goods to the National Bank of Pakistan.</p>



SECTION-VIII. SPECIAL CONDITIONS OF CONTRACT (SCC)



Special Conditions of Contract (SCC)

The following Special Conditions of Contract shall supplement the General Conditions of Contract. Whenever there is a conflict, the provisions herein shall prevail over those in the General Conditions of Contract. The corresponding clause number of the GCC is indicated in parentheses.

1. Definitions (GCC Clause 1)

GCC 1.1 —The Procuring Agency is: National Bank of Pakistan

GCC 1.1 (p)—The Supplier is:

GCC 1.1 (q)—The title of subject procurement is: Supply & Installation of 50 KW On-Grid Solar Power System

2. Governing Language (GCC Clause 4)

GCC 4.1—The Governing Language shall be: English

3. Applicable Law (GCC Clause 5)

GCC 5.1-The applicable laws shall be Laws of: Pakistan

4. Country of Origin (GCC Clause 6)

GCC 6.1 —Country of Origin is

5. Performance Guarantee (GCC Clause 10)

GCC 10.1—The amount of Performance Guarantee, as a percentage of the Contract Price, shall be: 10 % of the Contract price (excluding taxes, duties)

GCC 10.4—the Performance Guarantee shall be retained for 30 days beyond the delivery period stipulated in the contract.

6. Inspections and Tests (GCC Clause 11)

GCC11.1— National Bank of Pakistan will inspect the deliverables to ascertain the quantity and specification aspects of deliverables and validate the documents / literature provided with On-Grid Solar Power System.



7. Packing (GCC Clause 12)

GCC 11.2—The following SCC shall supplement GCC Clause 12.2:

The Goods shall be packed properly to withstand rough handling during transit and exposure to extreme temperatures during transit, and storage. Packing case size and weights shall take into account final destination of the On-Grid Solar Power System.

8. Delivery

Solar Systems are to be delivered within 4 weeks of the signing of the contract.

9. Documents (GCC Clause 13)

Upon delivery of the Goods, Supplier shall notify National Bank of Pakistan and mail the following documents to the National Bank of Pakistan:

- i. One original plus one copy of the Supplier's invoice showing Goods' description, quantity, unit price, and total amount;
- ii. Delivery Challan
- iii. Warranty certificate;

The above documents shall be received by National Bank of Pakistan before the delivery of On-Grid Solar Power System.

10. Payment (GCC Clause 17)

Payment for Goods and Services supplied shall be made in Pakistani Rupees, as follows:
On Delivery & Acceptance: 100% of the delivered stock or Contract Price (as agreed in contract) shall be paid to the Supplier within thirty (30) days after the date of the acceptance certificate for the delivery issued by National Bank of Pakistan.

Schedule of Payments

The Contract price shall be paid as per the milestones given in the following Schedule of Payment:

No.	MILESTONE	PAYMENT
1.	Upon successful Supply installation, testing & commissioning of 50 KW On-Grid Solar Power System	100 % of the quoted Item amount.



11. Prices (GCC Clause 18)

GCC 17.1.1—Prices shall be fixed and shall not be adjusted.

12. Liquidated Damages

Would be applicable as per PPRA rules.

13. Resolution of Disputes (GCC Clause 29)

In the case of a dispute between the National Bank of Pakistan and the Supplier, the dispute shall be referred for arbitration in accordance with the Arbitration Act 1940.

1. If any dispute of any kind whatsoever shall arise between the National Bank of Pakistan and the Supplier in connection with or arising out of the Contract, including without prejudice to the generality of foregoing, any question regarding its existence, validity, termination and the execution of the Contract- whether during developing phase or after their completion and whether before or after the termination, abandonment or breach of the Contract - the parties shall seek to resolve any such dispute or difference by mutual diligent negotiations in good faith within 7 (seven) days following a notice sent by one Party to the other Party in this regard.
2. At future of negotiation the dispute shall be resolved through mediation and mediator shall be appointed with the mutual consent of the both parties.
3. At the event of failure of mediation to resolve the dispute relating to this contract such dispute shall finally be resolved through binding Arbitration by sole arbitrator in accordance with Arbitration Act 1940. The arbitrator shall be appointed by mutual consent of the both parties. The Arbitration shall take place in Karachi and proceedings will be conducted in English language.
4. The cost of the mediation and arbitration shall be shared by the parties in equal proportion however both parties shall bear their own costs and lawyer's fees regarding their own participation in the mediation and arbitration. However, the Arbitrator may make an award of costs upon the conclusion of the arbitration making any party to the dispute liable to pay the costs of another' party to the dispute.
5. Arbitration proceedings as mentioned in the above clause regarding resolution of disputes may be commenced prior to, during or after delivery of goods.
6. Notwithstanding any reference to the arbitration herein, the parties shall continue to perform their respective obligations under the Contract unless they otherwise agree that the National Bank of Pakistan shall pay the Supplier any monies due to the Supplier.

15. Notices (GCC Clause 31)

National Bank of Pakistan's address for notice purposes:



Divisional Head Procurement, LCMG, Head Office National Bank of Pakistan, I.I
Chundrigar Road, Karachi.

Supplier's address for notice purposes:.....

16. Effective Contract Date (GCC Clause 3)

After having signed the contract, it shall come into force on the date of submission of
Performance Security by the successful bidder.



SECTION IX: CONTRACT FORMS



Form of Contract

THIS AGREEMENT made the _____ day of 2023 _____ between National Bank of Pakistan Karachi (hereinafter called "the Procuring Agency") of the one part and [name of Supplier] [city (hereinafter called "the Supplier/")] of the other part:

WHEREAS the Procuring Agency invited Bids for Supply & Installation of 50 KW On-Grid Solar Power Systems and has accepted a Bid by the Supplier for the supply of On-Grid Solar Power System in the sum of [contract price in words and figures] (hereinafter called "the Contract Price").

NOW THIS CONTRACT WITNESSETH AS FOLLOWS:

1. In this Agreement words and expressions shall have the same meanings as are respectively assigned to them in the Conditions of Contract referred to.
2. The following documents shall be deemed to form and be read and construed as part of this Agreement, viz.:
 - (a) the Bid Form and the Price Schedule submitted by the Bidder;
 - (b) the Schedule of Requirements;
 - (c) the Technical Specifications;
 - (d) the General Conditions of Contract;
 - (e) the Special Conditions of Contract; and
 - (f) the National Bank of Pakistan's Notification of Award.
 - (g) Contract agreement
 - (h) Complete Bidding document
3. In consideration of the payments to be made by the National Bank of Pakistan to the Supplier as hereinafter mentioned, the Supplier hereby covenants with the National Bank of Pakistan to provide the goods and services and to rectify defects therein in conformity with all respects in accordance with the provisions of the Contract.
4. The National Bank of Pakistan hereby covenants to pay the Supplier in consideration of the provision of the goods and services and the rectification of defects therein, the Contract Price or such other sum as may become payable under the provisions of the contract at the times and in the manner prescribed by the contract.

IN WITNESS whereof the parties hereto have caused this Agreement to be executed in accordance with their respective laws the day and year mentioned above.

Signed, sealed, delivered by _____ the _____ (for the National Bank of Pakistan)

Signed, sealed, delivered by _____ the _____ (for the Supplier)



Performance Security or Guarantee Form

[To be signed & stamped by the Bidder and reproduced on the letter head. To be attached with Technical Bid]

To,

[National Bank of Pakistan Karachi]

WHEREAS (Name of the Contractor/ Supplier) _____ hereinafter called "the Contractor" has undertaken, in pursuance of "INVITATION TO BID FOR THE "Supply & Installation of 50 KW On-Grid Solar Power System"

AND WHEREAS it has been stipulated by you in the Contract that the Contractor shall furnish you with a bank guarantee by a scheduled bank for the sum specified therein as security for compliance with the Contractor's performance obligations in accordance with the Contract;

AND WHEREAS we have agreed to give the Contractor a Guarantee;

THEREFORE WE hereby affirm that we are Guarantor and responsible to you, on behalf of the Contractor, up to a total of _____ (Amount of the guarantee in words and figures), and we undertake to pay you, upon your first written demand declaring the Contractor to be in default under the Contract, and without cavil or argument, any sum or sums as specified by you, within the limits of _____ (Amount of Guarantee) as aforesaid without your needing to prove or to show grounds or reasons for your demand or the sum specified therein.

This guarantee is valid until _____ day of _____, 20____, or _____ [insert number of days] after the rectification of the Defects, whichever is later.

[NAME OF GUARANTOR]

Signature _____

Name _____

Title _____

Address _____

Seal _____

Date _____





(INTEGRITY PACT)

DECLARATION OF FEES, COMMISSION AND BROKERAGE ETC.
PAYABLE BY THE SUPPLIERS OF GOODS, SERVICES & WORKS IN CONTRACTS

Contract No. _____ Dated _____
Contract Value: _____
Contract Title: _____

..... [name of Supplier] hereby declares that it has not obtained or induced the procurement of any contract, right, interest, privilege or other obligation or benefit from National Bank of Pakistan or any administrative subdivision or Division thereof or any other entity owned or controlled by National Bank of Pakistan through any corrupt business practice.

Without limiting the generality of the foregoing, [name of Supplier] represents and warrants that it has fully declared the brokerage, commission, fees etc. paid or payable to anyone and not given or agreed to give and shall not give or agree to give to anyone within or outside Pakistan either directly or indirectly through any natural or juridical person, including its affiliate, agent, associate, broker, consultant, director, promoter, shareholder, sponsor or subsidiary, any commission, gratification, bribe, finder's fee or kickback, whether described as consultation fee or otherwise, with the object of obtaining or inducing the procurement of a contract, right, interest, privilege or other obligation or benefit in whatsoever form from National Bank of Pakistan, except that which has been expressly declared pursuant hereto.

[name of Supplier] certifies that it has made and will make full disclosure of all agreements and arrangements with all persons in respect of or related to the transaction with National Bank of Pakistan and has not taken any action or will not take any action to circumvent the above declaration, representation or warranty.

[name of Supplier] accepts full responsibility and strict liability for making any false declaration, not making full disclosure, misrepresenting facts or taking any action likely to defeat the purpose of this declaration, representation and warranty. It agrees that any contract, right, interest, privilege or other obligation or benefit obtained or procured as aforesaid shall, without prejudice to any other rights and remedies available to National Bank of Pakistan under any law, contract or other instrument, be voidable at the option of National Bank of Pakistan.

Notwithstanding any rights and remedies exercised by National Bank of Pakistan in this regard, [name of Supplier] agrees to indemnify National Bank of Pakistan for any loss or damage incurred by it on account of its corrupt business practices and further pay compensation to National Bank of Pakistan in an amount equivalent to ten times the sum of any commission, gratification, bribe, finder's fee or kickback given by [name of 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 National Bank of Pakistan

National Bank of Pakistan

Name of Supplier :

Signature:
[Seal]

Signature:
[Seal]



SECTION X: CHECKLIST



CHECK LIST

(This checked list must be attached with technical offer, duly filled and signed)

No _____

Date _____

1	Bid Security	a. Bid Security ref no - b. Bank -		
2	Documents signed by Authorized Signatory		Yes	No
3	Offering specification of items as per Invitation to Tender		Yes	No
4	Quoted Currency as per Invitation to Tender		Yes	No
5	Quantity as per Invitation to Tender		Yes	No
6	Delivery Schedule as per Invitation to Tender		Yes	No
7	Country of origin: _____			
8	Name of OEM:-			
9	Original Performa invoice/Bid Form (Mandatory)		Yes	No
10	Certified that there is no Deviation from Invitation to Tender conditions		Yes	No
11	Blacklisting certificate.		Yes	No
12	Verifiable OEM Certificate		Yes	No
13	Warranty Period as per Invitation to Tender		Yes	No

Signature of Firm Authorized Signatory



SPECIAL INSTRUCTIONS

(To be filled by bidder and submitted along with technical proposal)

	Description	Bidder		Technical Evaluation done by Committee			
		Yes	No	Accepted	Rejected	Remarks	
1	Installation/ Commissioning	<p>a. Commissioning of the equipment will be carried out by Authorized dealer at his own cost and risk at designated place at NBP.</p> <p>b. Any Special requirement must be specified in the offer by the supplier.</p>					
2	Standard & Compliance	Bidder must submit specification compliance in their bids, non-compliance (if any) against the product specification and general terms & conditions of the Bid will lead to the disqualification of the bidder.					
3	Support Services	<p>a. 24x7x365 Support Services excluding public holidays.</p> <p>b. Suppliers to have in-country spares/Technical support and ensure spares and technical support/Assistance.</p>					
4	Warranty Period	<p>a. 10 Years performance warranty for solar panels, 02 years' comprehensive warranty for inverter.</p> <p>b. A Warranty sticker is to be pasted on each item by the supplier highlighting name of Firm, Contract No and Date, Description of Store and warranty validity.</p>					



5	Liability of Supplier	<p>a. Supplier is to provide authorized dealership certificate of subject equipment bought directly from the manufacturer and being an authorized dealer.</p> <p>b. In Case the equipment supplied is not compatible with specifications, the supplier will be obliged to call his representatives at his own cost for consultation and corrective action.</p>		
6	Special Notes	<p>a. Additional requirements for the maintenance of equipment (if any) must be intimated by the supplier.</p> <p>b. Equipment must be a standard product of OEM available at web address of OEM.</p>		

